


**UNIVERSITY GRANTS COMMISSION**
**BAHADUR SHAH ZAFAR MARG**
**NEW DELHI-110 002**

Proforma for submission of information by State Private Universities for ascertaining their norms and standards

## 1. Legal Status

| | | |
|---|---|---|
| 1.1 | Name and Address of the University | GM University<br>P.B. Road, Davanagere<br>Karnataka - 577006<br>info@gmu.ac.in<br>**+91 9986325163** |
| 1.2 | Headquarters of the University | P.B. Road, Davanagere<br>Karnataka - 577006 |
| 1.3 | Information about University<br>a. Website | **www.gmu.ac.in** |
| | b. E-mail | **info@gmu.ac.in** |
| | c. Phone Nos. | +919986325163**,** +91 6364259993, 8192233345, 8192233377, 8192233399, 8192233344 |
| | d. Fax Nos. | +91 6364259993 (WhatsApp) |
| | Information about Authorities of the University<br>a. Ph. (including mobile), Fax Nos. and e-mail of Chancellor | Sri. G.M. Lingaraju<br>chancellor@gmu.ac.in<br>+91 9449 011999 |
| | b. Ph. (including mobile), Fax Nos. and e-mail of Vice-Chancellor | Dr. S.R. Shankapal<br>vc@gmu.ac.in<br>+91 9364 099718 |
| | c. Ph. (including mobile), Fax Nos. and e-mail of Registrar | Dr. Sunil Kumar B S<br>registrar@gmu.ac.in<br>+91 9986325163 |

<table>
<tr><td></td><td>d. Ph. (including mobile), Fax Nos. and e-mail of Finance Officer</td><td>CA. Ashok Kumar<br>cfo@gmu.ac.in<br>+91 9844550984</td></tr>
<tr><td>1.4</td><td>Date of Establishment</td><td>21st August, 2023</td></tr>
<tr><td>1.5</td><td>Name of the Society/Trust promoting the University (Information may be provided in the following format)</td><td>Srishyla Educational Trust (R) (SET)<br>Annexure-1: Srishyla Educational Trust - Deed</td></tr>
<tr><td>1.6</td><td>Composition of the Society/Trust<br><table><tr><th>Name</th><th>Address</th><th>Occupation</th><th>Designation in the Trust</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table></td><td>Appendix-I: Composition of Trust</td></tr>
<tr><td>1.7</td><td>Whether the members of the Society/Trust are members in other Societies/Trusts or in the Board of Governors in companies? If yes, please provide details in the following format: -<br><table><tr><th>Name of the member</th><th>Address</th><th>Name of the society/ trust</th><th>Designation in the Society/Trust</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table></td><td>Appendix-II: Board of Governors in Companies</td></tr>
<tr><td>1.8</td><td>Whether the promoting Society/Trust is involved in promoting/ running any other University/ Educational Institution? If yes, please give details in the following format: -<br><table><tr><th>Name of the University / Educational Institution</th><th>Activities</th></tr><tr><td></td><td></td></tr></table><br>(Details to be provided in Appendix-III)</td><td>Appendix-III: Other Educational Institutions</td></tr>
<tr><td>1.9</td><td>Whether the promoting society/trust is involved in promoting/running activities other than educational? If yes, please give details in the following format: -<br><table><tr><th>Name of the Organization</th><th>Activities</th></tr><tr><td></td><td></td></tr></table>(Details to be provided in Appendix-IV)</td><td>Appendix-IV- Trust Running Activities Other than Educational</td></tr>
</table>

| | | |
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| 1.10 | Act and Notification under which established (copy of the Act & Notification to be enclosed) Enclosed | Enclosed<br>**Annexure-2: GM University Act**<br>**https://gmu.ac.in/universityact**<br>**Annexure-3: GM University Notification**<br>**https://gmu.ac.in/University_Notification** |
| 1.11 | Whether the University has been established by a separate State Act? | Yes<br>KARNATAKA ACT NO. 19 OF 2023<br>THE G.M UNIVERSITY ACT, 2022<br>**https://gmu.ac.in/universityact** |

**2. Organization Description**

| | | |
|---|---|---|
| 2.1 | Whether Unitary in Nature (As per the UGC Regulation) | Yes, GM University is Unitary in Nature |
| 2.2 | Territorial Jurisdiction of the University as per the Act | Karnataka State |
| 2.3 | Details of the constituent units of the University, if any, as mentioned in the Act | GM University does not have any constituent Colleges as of now |
| 2.4 | Whether any off-campus center(s) established? If yes, please give details of the approval granted by the State Government and UGC in the following format: -<br>a. Place of the off-campus _____<br>b. Letter No. & date of the approval of State Government ___<br>c. Letter No. & date of the approval of UGC (Details to be provided in Appendix-V)<br>(Please attach attested copy of the approval) | GM University has not established any Off-Campus Centres as of now<br><br>**Appendix-V Off Campus Centre(s)** |
| 2.5 | Whether any off-shore campus established? If yes, please give details of the approval granted by the Government of India and the host country in the following format: -<br>a. Place of the off-shore campus _____<br>b. Letter No. & date of the approval of Host Country ___<br>c. Letter No.& date of the approval of Government of India _____<br>(Details to be provided in Appendix-VI)<br>(Please attach attested copy of the approval) | GM University has not established any Off-shore Campus Centres as of now<br><br>**Appendix-VI Off Shore Campus Centre(s)** |
| 2.6 | Does the University offer a distance education Program? If yes, whether the courses run under distance mode are approved by the competent authority? (Please enclose attested copy of the course-wise approval of competent authority) | GM University does not offer any distance education Programme |

| | | |
|---|---|---|
| 2.7 | Whether the University has established study centre (s)? If yes, please provide details and whether these study centres are approved by the competent authority of the University and UGC?<br><br>(Details to be provided in Appendix-VII)<br>(Please enclose attested copy of the approval from the competent authority) | GM University has not established any Study Centre(s)<br><br>**Appendix-VII: Details of Study Centres** |

**Academic Activities Description**

**3. Academic Programs**

| | | |
|---|---|---|
| **3.1** | Details of the programs permitted to be offered by Gazette Notification of the State Government and its reference<br><br>**(Details to be provided in Appendix-VIII)** | **Appendix- VIII**<br>Details Provided in Gazette Notification Attached<br>**https://gmu.ac.in/University_Notification** |
| **3.2** | Current number of academic programmes/ courses offered by the University<br><br>**(Details to be provided in Appendix-IX)** | **Appendix -IX**<br>Details of the programmes being offered by the GM University for A.Y 2024-25 is enclosed in **Appendix -IX** |
| **3.3** | Whether approvals of relevant statutory council(s) such as AICTE, BCI, DEC, DCI, INC,<br>MCI, NCTE, PCI, etc. have been taken to:<br><br>a. Start new courses<br>b. To increase intake<br><br>If yes please enclose copy of approval and give course- wise details in the following format:<br><br>**(Details to be provided in Appendix-X)** | • Approval for running technical programs is not taken from AICTE as it is not mandatory, however, KSHEC has issued approval letter for running the technical programs.<br>• Approval for running Law Programs has been obtained from Bar Council of India (BCI).<br>• All Degree Programs have the approval of KSHEC.<br>Other regulatory bodies such as DEC, DCI, INC, MCI, NCTE, PCI are not applicable to the programs that we offer.<br><br>**Appendix-X**<br>**Details of Approval of Statutory Council(S) BCI letter and KSHEC Intake approval links are attached**<br>**Bar Council of India Approval Letter**<br>**KSHEC Intake Approval letter 24-25**<br>**KSHEC Intake Approval letter 25-26** |

<table>
<tr>
<td>3.4</td>
<td>If the University is running courses under distance mode, please provide details about the students enrolled in the following format: -<br><br>
<table>
<tr><th>Name of theStudy Centre</th><th>Courses Offered</th><th>No. of Students Enrolled</th></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
</table>
<br>(Details to be provided in Appendix-XI)<br><br>(Please enclose copy of the course-wise approval of the competent authority)</td>
<td>GM University is not running any courses under distance mode.<br><br>Appendix-XI: Details of programs offered under distance mode<br><br>Appendix-VII: Details of Study Centres are attached</td>
</tr>
<tr>
<td>3.5</td>
<td>Temporal plan of academic work in the University<br><br>Semester system/ Annual system</td>
<td>Semester System and Modular System</td>
</tr>
<tr>
<td>3.6</td>
<td>Whether the University is running any course which is not specified under Section 22 of the UGC Act, 1956? If yes, please give details in the following format: -<br><br>a. Name of the course(s)<br>b. Since when started<br>c. Whether the University has applied for permission from UGC?<br><br>(Details to be provided in Appendix-XI)</td>
<td>GM University is not running any course not specified under section 22 of the UGC act.<br><br>Appendix-XI<br><br>Course(s) being run that are not specified under section 22 of the UGC Act,1956</td>
</tr>
</table>

## 4. Student Enrolment and Student Support

| **4.1** | Number of students enrolled in the University for the current academic year according to regions and countries (Please give separate information for main campus and off-campus/off-shore campus)-Current Academic **Year 2024-25** | | | | | | |
|---|---|---|---|---|---|---|---|
| **Particulars** | | **No. of students from the same State where the University is located** | **No. of studentsfrom other States** | **No. of NRI students** | **No. of overseas students excluding NRIs** | | **GrandTotal** |
| | | | | | **Foreign Students** | **Person of Indian Origin Students** | |
| **UG** | **M** | 846 | **3** | **0** | **0** | | 849 |
| | **F** | 926 | **0** | **0** | **0** | | 926 |
| | **T** | **1772** | **3** | **0** | **0** | | **1775** |
| **PG** | **M** | 123 | **0** | **0** | **0** | | 12 |
| | **F** | 122 | **0** | **0** | **0** | | 122 |
| | **T** | **245** | **0** | **0** | **0** | | **245** |
| **M. Phil.** | **M** | **0** | **0** | **0** | **0** | | 0 |
| | **F** | **0** | **0** | **0** | **0** | | 0 |
| | **T** | **0** | **0** | **0** | **0** | | **0** |
| **Ph. D.** | **M** | 23 | **0** | **0** | **0** | | 23 |
| | **F** | 34 | **0** | **0** | **0** | | 34 |
| | **T** | **57** | **0** | **0** | **0** | | **57** |
| **Diploma** | **M** | **0** | **0** | **0** | **0** | | 0 |
| | **F** | **0** | **0** | **0** | **0** | | 0 |
| | **T** | **0** | **0** | **0** | **0** | | **0** |
| **PG Diploma** | **M** | **0** | **0** | **0** | **0** | | 0 |
| | **F** | **0** | **0** | **0** | **0** | | 0 |
| | **T** | **0** | **0** | **0** | **0** | | **0** |
| **Certificate** | **M** | **0** | **0** | **0** | **0** | | 0 |
| | **F** | **0** | **0** | **0** | **0** | | 0 |
| | **T** | **0** | **0** | **0** | **0** | | **0** |
| **Any other (Pl. Specify-BVoc)** | **M** | **8** | **0** | **0** | **0** | | 8 |
| | **F** | **0** | **0** | **0** | **0** | | **0** |
| | **T** | **8** | **0** | **0** | **0** | | **8** |

***M-Male, F-Female, T-Total**

| 4.2 | Category-wise students |
|---|---|

| Category | Female | Male | Total |
|---|---|---|---|
| **SC** | 57 | 78 | 135 |
| **ST** | 35 | 39 | 74 |
| **OBC** | 751 | 756 | 1507 |
| **PH** | 0 | 0 | 0 |
| **General** | 242 | 127 | 369 |
| **Total** | **1085** | **1000** | **2085** |

**4.3** Details of the three batches of students admitted

| **Particulars** | **Batch-1** | | | **Batch-2** | | | **Batch-3** |
|---|---|---|---|---|---|---|---|
| | **Year of entry: 2023-24** | | | **Year of Entry: 2024-25** | | | **Year of Entry: 2025-26** |
| | **UG** | **PG** | **Total** | **UG** | **PG** | **Total** | |
| No. admitted to theprogramme | 402 | 339 | **741** | 1783 | 302 | **2085** | **Admissions Awaited** |
| No. of Drop-outs<br>**(a)** Within four months of Joining Afterwards | 22 | 3 | **25** | 190 | 15 | **205** | |
| No. appeared for the finalyear examination | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | |
| No. passed in the final exam | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | |
| No. passed in first class | **NA** | **NA** | **NA** | **NA** | **NA** | **NA** | |

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| **4.4** | Does the University provide bridge/remedial courses to the educationally disadvantaged students? If yes, please give details | University provides a number of remedial Courses to the educationally disadvantage class<br>University has created a special **Centre for student enrichment and acclimatisation**, the Centre trains students on<br>1. Fundamentals of Mathematics<br>2. Programming Concepts<br>3. Verbal Communication<br>4. Written Communication<br>5. Personal Development<br>The Details are available on our website<br>https://erp.gmit.info/leap/ |
| 4.5 | Does the University provide any financial help to the students from socially disadvantageous group? If yes, please give details | **Yes.**<br>**Title: Smt. Halamma and Shri. G. Mallikarjunappa Scholarship for Pursuing Higher Education at GM University**<br><br>**https://gmu.ac.in/assets/downloadmaterial/Scholarship%20Details-EW.pdf**<br><br>In addition, Govt. of Karnataka provide scholarships to the students from socially disadvantage group to meet their educational expenses |
| 4.6 | In case the University is running M.Phil./Ph.D. programme, whether it is full time or part time and whether these programmes are run as per UGC Regulations,2009 on M.Phil./Ph.D. | Ph.D. Programs are offered on full time as well as part time basis.<br><br>GM University PhD program regulations are prepared based on UGC regulations governing PhD Programs-UGC Regulations-2009<br>**https://gmu.ac.in/phdoffered** |
| 4.7 | Whether the University have a website? If yes<br>Please give website address and whether the website is regularly updated? | Yes, Updated on regular basis.<br><br>**https://gmu.ac.in/** |

<table>
<tr>
<td>4.8</td>
<td>How are the prospective students informed about the criteria for admission, rules & regulations, facilities available, etc.?</td>
<td>The prospective students are informed about university admissions using following methods<br>1. Website: gmu.ac.in<br>2. News Paper Advertisements- English, Kannada, Hindi<br>3. Paper Inserts<br>4. News Paper write ups<br>5. Write-ups in magazines<br>6. TV- L Bands<br>7. TV-Interviews<br>8. Participation in Education Fairs<br>9. Distribution of Brochure, Flyers<br>10. Banners<br>11. Social Media<br>12. WhatsApp Groups<br>13. GMU Website<br>14. Referrals<br>15. Hoardings<br>16. University Notice Boards<br>17. Students and Faculty Members<br>18. Radio Announcements<br>19. Advertisements in movie theatres</td>
</tr>
<tr>
<td>4.9</td>
<td>Whether any grievance redressal mechanism is available in the University? If yes, please provide details about the complaints received against malpractices, etc. in the University in the following format: -
<table>
<tr><th>Name of the complainant</th><th>Complaint against</th><th>Date of complaint</th><th>Action taken by the University</th></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table>
(Details to be provided in Appendix-XII)</td>
<td>Yes, the grievance redressal mechanism is available in the university website.<br><br>https://gmu.ac.in/Grievances<br><br>Details about the Complaints Received against malpractice are given in - Appendix- XII</td>
</tr>
</table>

## 5. Curriculum, Teaching-Learning Process/Method, Examination/Evaluation System

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|---|---|---|
| 5.1 | Which University body finalized the curriculum?The composition of the body may be given. (Board of Studies, Academic Council, Board ofManagement) | https://gmu.ac.in/BOD<br>https://gmu.ac.in/BOM<br>https://gmu.ac.in/AC<br>https://gmu.ac.in/RIC<br>https://gmu.ac.in/FC<br>Board of Studies -Prepares the Curriculum<br>Academic Council- Approves the Curriculum<br>Board of Management- Supports Implementation of Curriculum<br>The Composition of Board of Studies, Academic Council and Board of Management are given in **Annexure-4** |
| 5.2 | What are the Rules/regulations/procedure for revision of the curriculum and when was the curriculum last updated? | 1. The complete curriculum was officially released on December -2023.<br>2. Every year faculty are allowed to change the curriculum up to 20% subject to the Approval of Board of Studies and Academic Council.<br>3. Departments can introduce new courses depending on the requirement with the approval of Board of Studies and Academic Council<br>4. At the end of each academic year members of faculty- Head of the department- faculty dean can hold meeting-discuss the need for any changes in the curriculum and with the consent of Vice Chancellor, the changes in curriculum can be brought in by following the procedure stated in our **Academic Procedures Handbook** https://gmu.ac.in/assets/downloadmaterial/Academic%20Processes-Handbook.pdf |
| 5.3 | Whether approval of statutory bodies such asBoard of Studies, Academic Council and Boardof Management of the University has been taken to start various courses? If yes, please enclose extracts of the minutes. | Minutes of the meeting of Board of studies, Academic Council and Board of Management are attached as **Annexure-5** |

| | | |
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| 5.4 | Furnish details of the following aspects ofcurriculum design: Innovation such as modular curriculaInter/multidisciplinary approach | UG Programs are offered on semester scheme with choices for Professional and Open electives. The details are available https://gmu.ac.in/fetug<br>PG programs-MTech, MSc, MBA, MCom programs are offered in modular form. The details are available https://gmu.ac.in/GMBSdeptprog<br>Program Documents are included under **Annexure-6.** These documents describe inter, multi-disciplinary approach along with innovative approach of curriculum design for holistic development of students. |
| 5.5 | Has the University conducted an academic audit? If yes, please give details regarding frequency and its usage. | The IQAC department conducts inspection of Academic documents on a monthly basis. All such reports are available on University ERP system.<br>https://gmu.ac.in/introiqac |
| 5.6 | Apart from classroom instruction, what are the other avenues of learning provided for the students? (Example: Projects, Internships, Field Trainings, Seminars, etc.) | 1. Student Projects<br>2. Student Internships<br>3. Seminars<br>4. Summits<br>5. Technical Training<br>6. Industry Visits<br>7. GMU Leap - https://erp.gmit.info/leap/<br>8. Techfest |
| 5.7 | Please provide details of the examination system(Whether examination based or practical based) | Examination System:<br>There are two parts- Continuous Evaluation (CE) and Semester End Examination (SEE)<br>CE – has 3 components- 3Quizzes, 3 written Tests and 2 Assignments totalling 60% weight and SEE examination for 40% weight<br>There are theory courses, practical courses, project-based learning courses, project work and Internships<br>https://gmu.ac.in/Assessment_Regulations_UG<br>https://gmu.ac.in/Assessment_Regulations_PG |
| 5.8 | What methods of evaluation of answer scripts does the University follow? Whether externalexperts are invited for evaluation? | Internal Examiners-Set the question papers, conduct the examination and Evaluate Answer scripts. A 10% of the answer scripts are moderated by External Examiners. The details are available at https://gmu.ac.in/pdfview_assets%5Cdownloadmaterial%5Cfetpar.pdf |
| 5.9 | Mention the number of malpractice cases reported during the last 3 years and how they are dealt with. | The details of Malpractice Cases in the examination are given in **Annexure-7** and the procedure for dealing with malpractice cases is also included. |
| 5.10 | Does the University have a continuous internal Evaluation system? | Yes, 60% weightage is for Continuous Evaluation<br>https://gmu.ac.in/pdfview_assets%5Cdownloadmaterial%5Cfetpar.pdf |

<table>
<tr><td>5.11</td><td>How are the question papers set to ensure the achievement of the course objectives?</td><td>Every Course has course outcomes. Each Course outcome has defined weightage. The Question papers are set to achieve the course outcomes and attainment is calculated at the end of the course to evaluate the achievement of Course outcomes. This is evident from our Course details document.<br>https://erp.gmit.info/gmu_ac/output/faculty_mgmt<br>https://erp.gmit.info/leap/ (Under the tab Faculty Development Tool Kit)</td></tr>
<tr><td>5.12</td><td>State the policy of the University for the constitution of board of question paper setters, board of examiners and invigilators.</td><td>The programs are outcome based. Outcomes to be achieved while undergoing a course is decided by the faculty member. The question paper setting, conduction of examinations and evaluation is the responsibility of the faculty member. However, the authenticity of the work done by the faculty member is evaluated through Course Assessment Board and CAB has the authority to initiate any corrective actions<br>https://gmu.ac.in/Assessment_Regulations_UG<br>https://gmu.ac.in/Assessment_Regulations_PG</td></tr>
<tr><td>5.13</td><td>How regular and time-bound are conduct of examinations and announcement of results? Substantiate with details of dates of examinationsand announcement of results for the last 3 years. Details to be provided in the following format: -</td><td>We follow semester systems and a semester is for 20 weeks. During a semester continuous evaluation is done during 5th, 10th and 15th week by conducting quizzes, written tests and assignments. During the 18th Week SEE examination is conducted. During the 20th week of the semester results are announced.</td></tr>
<tr><td>5.14</td><td>Please provide details of the examination system(Whether examination based or practical based)<br><table><tr><td>Year</td><td>Date of exams</td><td>Date of announcementof results</td></tr><tr><td></td><td></td><td></td></tr></table></td><td>The Assessment Schedules and Announcement of Results are attached in Annexure-8</td></tr>
</table>

## 6. Admission Process

<table>
<tr><td>6.1</td><td>How are students selected for admission to various courses? Please provide faculty-wise information<br><br>a. Through special entrance tests<br>b. Through interviews<br>c. Through their academic record<br>d. Through combination of the above<br><br>Please also provide details about the weightage give to the above</td><td>1. As per the University act, 40% of the seats are considered as Government seats and these seats are filled through K- CET and K-PGCET. This is applicable for BTech, MTech, MCA, MBA programs. Remaining 60% seats are filled based on academic records and Interviews<br>2. For other programs-BCA, BSc, BCom, BBA programs eligible students are recruited based on academic records</td></tr>
<tr><td>6.2</td><td>Whether the University is admitting students from national level entrance test or state level entrance test? If yes, please provide following details: -<br><br><table><tr><td>Name of the National /state level entrance exam</td><td>No. of students admitted</td><td>% of students from the total admitted</td><td>Remarks</td></tr><tr><td></td><td></td><td></td><td></td></tr></table></td><td>Students are admitted from state level entrance test- K-CET and K-PGCET<br><br>Details are provided in<br>Annexure-9</td></tr>
<tr><td>6.3</td><td>Whether admission procedure is available on the University website and in the prospectus</td><td>Yes<br>Available at https://gmu.ac.in/overview Admission</td></tr>
<tr><td>6.4</td><td>Please provide details of the eligibility criteria for admission in all the courses</td><td>Yes<br>Available at<br>https://gmu.ac.in/admissioncriteria<br><br>Details are provided as<br>Annexure-10</td></tr>
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<tr>
<td>6.5</td>
<td>Whether University is providing any reservation/ relaxation in admission? If yes, please provide details in the following format: -
<table>
<tr><th>Category</th><th>No. of students admitted</th><th>% of quota provided for reservation and preparation in respect ofactual enrolment</th><th>Remarks</th></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table>
</td>
<td>Govt. of Karnataka allots the 40% of government seats of the University to various categories as per Karnataka Government Rules.<br><br>The seat matrix of Karnataka Government for GMU is provided in the Annexure-11</td>
</tr>
<tr>
<td>6.6</td>
<td>Whether any management quota is available for admission in the University? If yes, please provide details in the following format: -
<table>
<tr><th>Total No.of Seats (Course-wise)</th><th>No. of total students admitted</th><th>No. of students admitted under Management quota</th><th>% of students admitted under management quota</th></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table>
</td>
<td>In the University 40% seats are considered as Government quota seats and remaining 60% seats are considered as University Quota seats. There is nothing like management quota.<br><br>Details are provided in Annexure-12</td>
</tr>
<tr>
<td>6.7</td>
<td>What is the admission policy of the University with regard to NRI and overseas students?</td>
<td>1. The University agrees in principle to admit Foreign/NRI students to the Undergraduate, Post-Graduate and Ph. D. programs offered by the University Faculties on full time basis to provide educational opportunities to Foreign/NRI students.<br>2. Only those students who have qualified from Boards of Higher Education or Foreign Universities recognized as equivalent by the Association of Indian Universities (AIU) are eligible for admission. Students are required to obtain equivalence certificate from AIU.<br>3. University will admit students within the specified intake.</td>
</tr>
</table>

## 7. Fee Structure

| | | |
|---|---|---|
| 7.1 | Present Course-wise fee structure of the University (Please provide head-wise details of total fee charged) | University Fee structure is provided in **Annexure-13** |
| 7.2 | Any other fee charged by the University other than the fee displayed in the UGC website (e.g. Building Fee, Development Fee, Fee by any name, etc.) | No such Fee is charged |
| 7.3 | Whether fee structure is available on the University website and in the prospectus? | Yes-Available, however total fees that includes Program Fee and Miscellaneous fee is displayed. https://gmu.ac.in/feestructure_25 |
| 7.4 | Whether fee is charged by the University as per fee structure displayed in the University website and in the prospects or some hidden charges are there? | Yes-Available, however total fees that includes Program Fee and Miscellaneous fee is displayed. |
| 7.5 | Mode of Fee collection | Through Online mode |
| 7.6 | Whether University is providing any concession in fee to students? If yes, please provide details. | All such fee concessions that the University provides is given in **Annexure-13** |
| 7.7 | Details of the Hostel Fee including mess charges | Hostel Fee Structure is given in **Annexure-14** |
| 7.8 | Any other fee | No other Fees charged |
| 7.9 | Basis of Fee Structure | Decided by the Fee Regulatory Committee of the University. |
| 7.10 | Whether the University has received any complaint with regard to fee charged or fee structure? If yes please give details about the action taken. | No, such complaints have been received so far |
| 7.11 | Whether University is providing any scholarship to students? If yes, please provide details. | https://gmu.ac.in/ in Home page as **Scholarship Opportunities at GM University** |

**8. Faculty**

8.1 Total no. of Sanctioned and filled up posts (Institution-wise and Department - wise)

The University was established in the year 2023. At Present only first year students are studying in the Departments of Computer Science and Engineering (CSE), Information Science and Engineering (ISE) and AIML, ECE, EEE and School of Computer Application (SCA) and School of Management (SM)

| Faculty | School | Dept. | Professor | Associate Professor | Asst. Professor | Temporary/ Part Time |
|---|---|---|---|---|---|---|
| FET | SCST | CSE | 2(3) | 3(3) | 4(10) | 6 |
| | | ISE | 1(1) | 1(1) | 5(5) | 0 |
| | | AIML | 0(1) | 2(3) | 9(10) | 3 |
| | | CS-DS/IoT | 0(2) | 0(4) | 4(9) | 10 |
| | | CS-CC/BS | 1(2) | 3(4) | 4(9) | 7 |
| | | CS-CY/IY | 1(2) | 1(4) | 4(9) | 9 |
| | SE | ECE | 1(1) | 2(2) | 6(6) | 0 |
| | | EEE | 1(1) | 2(2) | 6(6) | 0 |
| | | BT | 1(1) | 1(1) | 2(1) | 0 |
| | | R&A | 1(1) | 1(1) | 2(1) | 0 |
| | | ED | 1(1) | 1(1) | 2(1) | 0 |
| | | CE | 1(1) | 2(2) | 4(2) | 0 |
| | Total | | **11(17)** | **19(28)** | **52(69)** | **35** |
| FCIT | SCA & SCS | BCA, MCA | 1(2) | 0(4) | 16(16) | 6 |
| FCM | SM & SC | BCom, BBA, MCom | 1(1) | 1(2) | 13(7) | 0 |
| FBAS | SCBS, SMPS, SAS | BSc, MSc | 3(1) | 2(1) | 48(5) | 0 |
| FLSPP | LLB | LLB | 0(1) | 0(1) | 5(5) | 2 |
| FHSS | | English, Kannada | 0 | 0 | 7(0) | 7 |
| GMSB | | MBA | 2(3) | 3(5) | 9(18) | 12 |
| | | | **18(25)** | **25(41)** | **150(120)** | **62** |

**Note:**
Number within brackets indicates sanctioned posts based on prescribed intake
Outside brackets filled up permanent posts
Deficient is made up using contract staff and PoP's
Number of PoPs and contract staff: 62

8.2 Details of teaching staff in the following format (Please provided details – Institution- wise and Department-wise)

(Details to be provided in **Appendix-XIII**)

| 8.3 | Category wise No. of Teaching Staff | **Category** | **Female** | **Male** | **Total** |
|---|---|---|---|---|---|
| | | SC | 4 | 6 | 10 |
| | | ST | 5 | 8 | 13 |
| | | OBC | **58** | **60** | 118 |
| | | PH | 1 | 0 | 1 |
| | | General | 50 | 36 | 86 |
| | | Total | **118** | **110** | **255** |

8.4 Details of the permanent and temporary faculty members in the following format

| **Particulars** | **Female** | **Male** | **Total** |
|---|---|---|---|
| **Total no. of permanent teachers** | **97** | **96** | **193** |
| No. of teachers with Ph.D. as the highest qualification | 27 | 39 | 66 |
| No. of teachers with M. Phil as the highest qualification | 0 | 0 | 0 |
| No. of teachers with PG as the highest qualification | 70 | 57 | 127 |
| **Total no. of temporary teachers** | **27** | **8** | **35** |
| No. of teachers with Ph.D. as the highest qualification | 0 | 0 | 0 |
| No. of teachers with M. Phil as the highest qualification | 0 | 0 | 0 |
| No. of teachers with PG as the highest qualification | **0** | **0** | **0** |
| No. of teachers with UG as the highest qualification | 27 | 8 | 35 |
| **Total no. of part-time teachers** | **14** | **13** | **27** |
| No. of teachers with Ph.D. as the highest qualification | 1 | 14 | 15 |
| No. of teachers with M. Phil as the highest qualification | 0 | 0 | 0 |
| No. of teachers with PG as the highest qualification | 0 | 12 | 12 |
| **Total no. of visiting teachers** | **0** | **0** | **0** |
| **Total no. of teachers** | **138** | **117** | **255** |

| | | |
|---|---|---|
| 8.5 | Ratio of full-time teachers to part time/contract teachers | **3.11:1 (193:62)** |
| 8.6 | Process of recruitment of faculty<br><br>-Whether advertised? (pl. attach copy of the ad)<br><br>-Whether selectioncommittee was constitutedas per the UGC Regulation? | Advertised<br>Advertise Copy Attached<br><br>Selection Committee Formed<br>Members of Selection committee Details attached<br><br>**Annexure-15** |
| 8.7 | Does the University follow self-appraisal method to evaluate teachers on teaching, research and work satisfaction? If yes, how is the self-appraisal of teachers analysed and used?<br>Whether: -<br><br>Self-Appraisal Evaluation Peer Review<br>Students' evaluation Others (specify) | University Faculty Members are appraised on annual basis.<br><br>The appraisal form is included as **Annexure-16**<br><br>https://gmu.ac.in/ under the Institutional Documents University Policies are available. |

<table>
<tr><td>8.8</td><td>Institution-wise and Department-wise teacher student ratio (only full-time faculty)</td><td>
<table>
<tr><td colspan="4">The University was established in the year 2023.</td></tr>
<tr><td>Dept</td><td>No. of Faculty</td><td>No. of Students</td><td>F/S</td></tr>
<tr><td>CSE</td><td>15</td><td>300</td><td>1:20</td></tr>
<tr><td>ISE</td><td>7</td><td>169</td><td>1:24.14</td></tr>
<tr><td>AIML</td><td>14</td><td>190</td><td>1:13.57</td></tr>
<tr><td>CS-DS/IoT</td><td>14</td><td>121</td><td>1:8.64</td></tr>
<tr><td>CS-CC/BS</td><td>15</td><td>143</td><td>1:9.53</td></tr>
<tr><td>CS-CY/IY</td><td>15</td><td>212</td><td>1:14.13</td></tr>
<tr><td>ECE</td><td>9</td><td>180</td><td>1:20</td></tr>
<tr><td>EEE</td><td>9</td><td>133</td><td>1:14.77</td></tr>
<tr><td>BT</td><td>4</td><td>45</td><td>1:11.25</td></tr>
<tr><td>R & A</td><td>4</td><td>44</td><td>1:11</td></tr>
<tr><td>ED</td><td>4</td><td>32</td><td>1:8</td></tr>
<tr><td>CE</td><td>7</td><td>61</td><td>1:8.71</td></tr>
<tr><td>BCA, MCA</td><td>23</td><td>457</td><td>1:20</td></tr>
<tr><td>BCom, BBA</td><td>15</td><td>171</td><td>1:11.4</td></tr>
<tr><td>BSc, MSc</td><td>7</td><td>189</td><td>1:27</td></tr>
<tr><td>LLB</td><td>7</td><td>16</td><td>1:3.2</td></tr>
<tr><td>MBA</td><td>26</td><td>382</td><td>1:14.69</td></tr>
<tr><td>Humanities</td><td>14</td><td>0</td><td>0</td></tr>
<tr><td>Science Teachers for other programs</td><td>46</td><td>0</td><td>0</td></tr>
<tr><td>Total</td><td>255</td><td>2845</td><td></td></tr>
<tr><td>University wide teacher student ratio</td><td>255</td><td>2845</td><td>1:11.2</td></tr>
<tr><td colspan="4">Note: Staff student ratio is based on actual students admitted</td></tr>
</table>
</td></tr>
<tr><td>8.9</td><td>Whether the University is providing UGC Pay Scales to the Permanent Faculty?<br><br>If yes, please provide the following details: -<br><br>Scale of Pay with all the allowances<br><br>Associate Prof.- Assistant Prof. –<br><br>Mode of Payment – (Cash/Cheque)</td><td>GMU follows its own pay scales.<br><br>The Salary Scales of GMU is attached in the Annexure-17<br><br>Faculty member’s salaries are deposited to their bank accounts during the first week of the month.</td></tr>
<tr><td>8.10</td><td>Pay /Remuneration provided to: -<br><br>Part-Time Faculty – Temporary Faculty- Guest Faculty</td><td>Such Payments are described in the University policy on: Policy on Honorarium and Payments for Short Duration Academic Services - Annexure-18</td></tr>
</table>

| | | |
|---|---|---|
| 8.11 | Facilities for teaching staff (Please provide details about Residence, Rooms, Cubical, Computers/ Any other) | • Faculty members are provided with Laptops<br>• Each Faculty member is provided with a cubicle, table, chair, visitor chairs, Storage Almirah<br>• Faculty Quarters are available for professors who would like to avail<br>• Bachelor Faculty members can stay in Faculty Hostel |

**9. Infrastructure**

| | | |
|---|---|---|
| 9.1 | Does the University have sufficient space For Land & Building? | University is located on a 54 acres campus<br><br>At present, the University has around 21 00 000 sft. of built-up area including under construction area. |
| 9.2 | Does the University have sufficient classrooms? | There are more than 130 classrooms created. |
| 9.3 | **Laboratories & Equipment**<br>(Details to be provided in **Appendix-XIV** and **Appendix-XV**) | **Appendix-XV**<br>**Information about Equipment** |
| a) | Item Description (make and model) | |
| b) | Location (Department) | |
| c) | Value (Rs.) | |
| d) | Present Condition | |
| e) | Date of Purchase | |
| 9.4 | **Library** | **Appendix-XIV**<br>**Information about Library** |
| a) | Total Space (all Kinds) | |
| b) | Computer / Communication facilities | |
| c) | Total no. of Ref. Books (Each Department) | |
| d) | All Researchregular basis | |
| 9.5 | **S ports Facilities**<br>(Details to be provided in **Appendix-XVI**) | **Appendix-XVI**<br>**Sports Facilities** |
| a) | Open Play Ground(s) for outdoor sports (Athletics, Football, Hockey, Cricket, etc.) | |
| b) | Track for Athletics | |
| c) | Basketball courts | |
| d) | Squash / Tennis Courts | |
| e) | Swimming Pool (Size) | |
| f) | Indoor Sports Facilities including Gymnasium | |
| g) | Any other | |
| **9.6** | Does the University has provision for Residential Accommodation | Student Hostels- |

| | | |
|---|---|---|
| | including hostels (boys & girls separately) | Accommodates- 1659 Boys and 984 Girls students, another hostel to accommodate 3000 Girls students is under construction. |

**10. Financial Viability**

| | | |
|---|---|---|
| 10.1 | Details of the Corpus Fundcreated by the University<br><br>Amount –<br>FDR No.<br>Date –<br>Period -<br><br>(Documentary evidence to be given) | <table><tr><th>FD NO</th><th>DATE</th><th>AMOUNT</th></tr><tr><td>785441</td><td>26.04.23</td><td>4,00,00,000</td></tr><tr><td>787272</td><td>26.04.23</td><td>4,00,00,000</td></tr><tr><td>786227</td><td>26.04.23</td><td>2,00,00,000</td></tr><tr><td colspan="2">Total</td><td>10,00,00,000</td></tr></table><br>Bank Name and Address: HDFC Bank<br>BHM Enclave, No. 651 Mandipet, Davangere- 577001 |

| | | |
|---|---|---|
| 10.2 | Financial position of the University (please provide audited income and expenditure statement for the last 3 years) | **ITR 2023-24 attached:** |

**Acknowledgement Number:579557240071024** **Date of filing : 07-Oct-2024**

**INDIAN INCOME TAX RETURN ACKNOWLEDGEMENT**

[Where the data of the Return of Income in Form ITR-1(SAHAJ), ITR-2, ITR-3, ITR-4(SUGAM), ITR-5, ITR-6, ITR-7 filed and verified]
(Please see Rule 12 of the Income-tax Rules, 1962)

Assessment Year 2024-25

| | | | |
|---|---|---|---|
| PAN | AACTS2896N | | |
| Name | SRISHYLA EDUCATIONAL TRUST | | |
| Address | Bheemasamudra , Bheemasamudra, Bheemasamudra , CHITRADURGA , 15-Karnataka, 91-INDIA, 577520 | | |
| Status | 05-AOP/BOI | Form Number | ITR-7 |
| Filed u/s | 139(1)-On or before due date | e-Filing Acknowledgement Number | 579557240071024 |

| | | | |
|---|---|---|---|
| Taxable Income and Tax Details | Current Year business loss, if any | 1 | 0 |
| | Total Income | 2 | 2,32,340 |
| | Book Profit under MAT, where applicable | 3 | 0 |
| | Adjusted Total Income under AMT, where applicable | 4 | 0 |
| | Net tax payable | 5 | 0 |
| | Interest and Fee Payable | 6 | 0 |
| | Total tax, interest and Fee payable | 7 | 0 |
| | Taxes Paid | 8 | 11,57,637 |
| | (+) Tax Payable /(-) Refundable (7-8) | 9 | (-) 11,57,640 |
| Accreted Income and Tax Detail | Accreted Income as per section 115TD | 10 | 0 |
| | Additional Tax payable u/s 115TD | 11 | 0 |
| | Interest payable u/s 115TE | 12 | 0 |
| | Additional Tax and interest payable | 13 | 0 |
| | Tax and interest paid | 14 | 0 |
| | (+) Tax Payable /(-) Refundable (13-14) | 15 | 0 |

Income Tax Return electronically transmitted on 07-Oct-2024 15:01:50 from IP address 115.96.181.227 and verified by G M LINGARAJU havinng PAN AEYPM5850Q on 07-Oct-2024 using paper ITR-Verification Form/Electronic Verification Code TNUKIZ222I generated through Aadhaar OTP mode

System Generated Barcode/QR Code

AACTS2896N075795572400710248ea5f06ee256a359d6711f0444eb352b9a47df98

DO NOT SEND THIS ACKNOWLEDGEMENT TO CPC, BENGALURU

**SRISHYLA EDUCATIONAL TRUST : BHEEMASAMUDRA: CHITRADURGA DIST**

**Consolidated Income & Expenditure account for the year ended 31st March 2024**

*Amount in INR*

| Particulars | For the Y.E. 31.03.2024 | For the Y.E. 31.03.2023 |
|---|---|---|
| **I. Income** | | |
| Fees and other charges received | 41,65,03,684 | 38,03,60,158 |
| Interest received | 2,12,41,380 | 1,58,89,353 |
| Hostel receipts | 10,09,95,753 | 8,41,22,490 |
| Rent receipts | 95,812 | - |
| Dividend | - | 2,100 |
| Donation receipts | - | 2,13,200 |
| **Total** | **53,88,36,629** | **48,05,87,301** |
| **II. Expenditure** | | |
| Employees Salary/Wages | 15,19,62,006 | 12,07,72,452 |
| Hostel Maintanance | 7,42,58,706 | 4,73,49,379 |
| Advertisement | 60,28,729 | 15,750 |
| Professional Fees | 33,74,391 | 4,23,380 |
| Insurance | 4,25,000 | 5,19,040 |
| Travelling and Conveyence | 58,90,403 | 41,12,500 |
| Electricity charges | 1,47,78,863 | 94,99,845 |
| Bank Charges | 2,21,374 | 1,43,996 |
| Vehicle maintanance | 1,04,49,531 | 23,02,163 |
| Others/Maintanance/VTU exp | 8,56,32,049 | 5,03,79,283 |
| Building Rent Paid | 8,73,169 | - |
| Building Tax Paid | 12,84,489 | - |
| Donation Paid | 3,50,00,000 | - |
| Depreciation | 2,81,82,453 | 2,65,01,405 |
| **Total** | **41,83,61,163** | **26,20,19,193** |
| **Excess of income over expenditure (I-II)** | **12,04,75,467** | **21,85,68,108** |

**As per our Report of Even Date**
**For H.R.Suresh & Co.,**
**Charted Accountants**
**Firm Regn No. 004268S**

SURESH RAMASWAMY HASSAN
Digitally signed by SURESH RAMASWAMY HASSAN
Date: 2024.10.07 14:48:36 +05'30'

**H R Suresh**
**Partner**
**Membership no:-019324**

**Place:Bengaluru**
**Date : 30.09.2024**

**For SRISHYLA EDUCATIONAL TRUST**

GOWDARA M LINGARAJU
Digitally signed by GOWDARA M LINGARAJU
Date: 2024.10.07 14:52:14 +05'30'

**(G.M.LINGARAJU )**
Secretary

**SRISHYLA EDUCATIONAL TRUST : BHEEMASAMUDRA: CHITRADURGA DIST**

**CONSOLIDATED BALANCE SHEET AS ON 31.03.2024**

*Amount in INR*

| Particulars | As on 31.03.2024 | As on 31.03.2023 |
|---|---|---|
| **Sources of funds** | | |
| Corpus Fund | 1,53,27,66,671 | 1,41,23,23,947 |
| Reserves | 21,63,63,378 | 21,63,63,378 |
| Current liaibilites | 38,01,37,271 | 32,58,59,322 |
| **Total** | **2,12,92,67,320** | **1,95,45,46,647** |
| **Application of funds** | | |
| Cash on Hand | 4,42,284 | 1,44,980 |
| Cash at Bank | 4,93,34,511 | 6,04,14,509 |
| Deposits and Investments | 38,05,98,419 | 31,15,96,419 |
| Loans & Advances | 25,34,83,297 | 23,21,65,319 |
| Receivables | 12,18,63,395 | 20,77,34,420 |
| Fixed Assets | 1,32,35,45,414 | 1,14,24,90,998 |
| **Total** | **2,12,92,67,320** | **1,95,45,46,647** |

**As per our Report of Even Date**
**For H.R.Suresh & Co.,**
**Charted Accountants**
**Firm Regn No. 004268S**

SURESH RAMASWAMY HASSAN
Digitally signed by SURESH RAMASWAMY HASSAN
Date: 2024.10.07 14:48:17 +05'30'

**H R Suresh**
**Partner**
**Membership no:-019324**

**Place:Bengaluru**
**Date : 30.09.2024**

**For SRISHYLA EDUCATIONAL TRUST**

GOWDARA M LINGARAJU
Digitally signed by GOWDARA M LINGARAJU
Date: 2024.10.07 14:53:15 +05'30'

**(G.M.LINGARAJU )**
Secretary

# FORM NO. 10 [See rule 17(2)]

**Statement to be furnished to the Assessing Officer/Prescribed Authority under clause (a) of the Explanation 3 to the third proviso to clause (23C) of section 10 or under clause (a) of sub-section (2) of section 11 of the Income-tax Act, 1961. This form is in compliance with rule 17(2).**

e-Filing Anywhere Anytime
Income Tax Department, Government of India

**Acknowledgement Number -414745210310824**

To

The Prescribed Authority

I, **GOWDARA M LINGARAJU**, on behalf of **SRISHYLA EDUCATIONAL TRUST** [name of the fund /institution / trust / any university / other educational institution /any hospital / other medical institution/association] having Permanent Account Number **AACTS2896N** hereby bring to your notice that it has been decided by a resolution passed by the trustees/governing body/management, by whatever name called, on **09-Aug-2024** that, out of the income of the fund /institution / trust / any university / other educational institution /any hospital / other medical institution /association for the previous year, relevant to the assessment year **2024-25** an amount of ₹ **2,00,00,000** which is **3.71** per cent of the income of the fund /institution / trust / any university / other educational institution /any hospital / other medical institution/association for the said previous year, shall be accumulated or set apart for carrying out the purposes of the fund /institution / trust / any university / other educational institution /any hospital / other medical institution/association.

1. The details of the amount, the purpose and period of the proposed accumulation or setting apart is as under:-

| Sl. No. | Section under which statement is being furnished | Purpose for which amount is being accumulated or set apart | Amount of accumulation (In Rs.) | Period of accumulation/setting apart | | |
|---|---|---|---|---|---|---|
| | | | | Starting previous year | Ending previous year | Period in years |
| 1 | Clause (a) of sub-section (2) of section 11 | Developing infrastructure facilities for promoting and providing education as University. | 20000000 | 2024-25 | 2028-29 | 5 |

2. The amount so accumulated or set apart has been invested or deposited in any one or more of the forms or modes specified in sub-section (5) of section 11 of the Income-tax Act, 1961.

3. It is further brought to your notice that the said SRISHYLA EDUCATIONAL TRUST [name of the fund /institution / trust / any university / other educational institution /any hospital / other medical institution/association] had in respect of an assessment year preceding the relevant assessment year given the statement regarding accumulation or setting apart of an amount as required under clause (a) of the Explanation 3 to the third proviso to clause (23C) of section 10/ clause (a) of sub-section (2) of section 11 of the Income-tax Act, 1961 as detailed below:

| Sl. No. | Year of accumulation | Date of filing Form 10 | Amount accumulated | Period for which accumulated/ set apart | Amount applied upto the end of the previous year | Amount remaining for appreciation | Amount deemed to be income within the meaning of the Explanation 4 to the third proviso to clause(23C) of section 10/ sub-section (3) of section 11 |
|---|---|---|---|---|---|---|---|
| 1 | 2023-24 | 31-Aug-2023 | 103649138 | 1 | 103649138 | 0 | 0 |
| 2 | 2021-22 | 15-Feb-2022 | 54500000 | 5 | 54500000 | 0 | 0 |

4. It is also brought to your notice that, out of incomes detailed in 3 above, due to the order/injunction of the court the income as detailed below could not be applied for the purpose for which it was accumulated or set apart:-

| Sl. No. | Amount of income | Previous year in which accumulated or set apart | Period during which it could not be applied due to court order | | Details of court order |
|---|---|---|---|---|---|
| | | | From | To | |
| | | No Records Added | | | |

Name: GOWDARA M LINGARAJU

Designation: TRU

Address: Gandhinagar, Main Road,, Bheemasamudra, Bheemasamudra, Bheemasamudra S.O, CHITRADURGA, Karnataka, India - 577520

Place: BHEEMASAMUDRA

IP Address: 115.96.181.227

Date: 23-Aug-2024

Acknowledgement Number - 414745210310824

This form has been digitally signed by - having PAN AEYPM5850Q from IP Address - on 31-Aug-2024 04:58:03 PM
Dsc Sl No and issuer ,C=IN,O=Verasys Technologies Pvt Ltd, OU=Certifying Authority

**2024-25 yet to be filed**

10.3 Source of finance and quantum of funds available for running the University (for last audited year)

Fees – Donations-Loan – Interest-
Any other (pl. Specify)-

| Sl. No. | Sources | Amount in INR Lakhs |
|---|---|---|
| 1. | Fee Collected 2023-24: | 5,27,17,138 |
| 2. | Interest on deposits 2023-24: | 71,11,848 |
| 3. | Fee Collected 2024-25: | 41,31,18,705 |
| 4. | Interest on deposits 2024-25 | 99,10,851 |
| **Total** | | **48,28,58,542** |

| | | |
|---|---|---|
| 10.4 | What is the University's 'unitcost' of education? (Unit cost = total annual expenditure (budget accruals) divided by the number of students enrolled) Unit cost calculated excluding the salary component may also be given | As per the fee regulatory committee calculations, the unit cost of the education 2024-25:<br>For engineering students, Rs. 2,50,000<br>For non-engineering students, Rs. 1,00,000<br><br>*Document attached below:* |
| Name of the College: GM University<br>Part-C: PROJECTED EXPENDITURE (Projected expenditure only relating to the Undergraduate Engineering Courses) | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| - Scholarships | | | *15,00,000* | *3,26,250* | *10,00,000* | *5,00,000* | *15,00,000* | *26,25,000* | *31,50,000* |
| - Uniforms | | | *10,00,000* | - | *6,66,667* | *3,33,333* | *10,00,000* | *17,50,000* | *21,00,000* |
| - Academic Events | | | *25,00,000* | *3,18,517* | *16,66,667* | *8,33,333* | *25,00,000* | *43,75,000* | *52,50,000* |
| - Laptops | | | *3,50,00,000* | *1,29,05,660* | *2,73,52,400* | *1,36,76,200* | *4,10,28,600* | *7,83,86,220* | *10,65,33,999* |
| | | | ***4,02,50,000*** | ***1,35,50,427*** | ***3,08,52,400*** | ***1,54,26,200*** | ***4,62,78,600*** | ***8,75,73,720*** | ***11,75,58,999*** |
| **Statutory Fees** | | | | | - | - | - | - | - |
| - Statutory Inspections | | | 1,00,000 | - | *66,667* | *33,333* | *1,00,000* | *1,05,000* | *1,15,500* |
| - Accreditations | | | 2,50,000 | - | *1,66,667* | *83,333* | *2,50,000* | *2,62,500* | *2,88,750* |
| - University affiliations/Collaborations | | | 5,00,000 | - | *3,33,333* | *1,66,667* | *5,00,000* | *5,25,000* | *5,77,500* |
| - Government approvals | | | 2,50,000 | - | *1,66,667* | *83,333* | *2,50,000* | *2,62,500* | *2,88,750* |
| - Course processing fees | | | 10,00,000 | *25,17,563* | *6,66,667* | *3,33,333* | *10,00,000* | *10,50,000* | *11,55,000* |
| - Board of Governance fees | | | 1,00,000 | *4,14,319* | *66,667* | *33,333* | *1,00,000* | *1,05,000* | *1,15,500* |
| | | | ***22,00,000*** | ***29,31,881*** | ***14,66,667*** | ***7,33,333*** | ***22,00,000*** | ***23,10,000*** | ***25,41,000*** |
| **Depreciation** | | | | | | | | | |
| Depreciation on Movable Assets | | | 1,00,00,000 | *1,69,249* | *99,20,513* | *49,60,257* | *1,48,80,770* | *3,09,47,039* | *3,97,66,430* |
| Depreciation on immovable Assets | | | 1,00,00,000 | - | *66,66,667* | *33,33,333* | *1,00,00,000* | *1,80,00,000* | *2,12,00,000* |
| | | | ***2,00,00,000*** | ***1,69,249*** | ***1,65,87,180*** | ***82,93,590*** | ***2,48,80,770*** | ***4,89,47,039*** | ***6,09,66,430*** |
| | | | | | | | | | |
| **Total Expenditure** | | | **15,01,80,000** | **5,41,93,551** | **16,64,90,474** | **8,32,45,237** | **24,97,35,711** | **47,32,58,489** | **61,28,30,466** |
| **15% Corpas fund** | | | **2,25,27,000** | | **2,49,73,571** | **1,24,86,786** | **3,74,60,357** | **7,09,88,773** | **9,19,24,570** |
| **Total Applied Expenditure** | | | **17,27,07,000** | | **19,14,64,045** | **9,57,32,023** | **28,71,96,068** | **54,42,47,262** | **70,47,55,036** |
| | | | | | | | | | |
| *Increase in %* | | | | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Student Count (UG)- Engineering** | 750 | 334 | | 1,140 | 1,980 | 2,340 |
| **Cost per student** | **2,00,240** | **1,62,256** | | **2,51,926** | **2,74,872** | **3,01,177** |

**SIGNATURE**

| **Particulars** | **FY 2021-22** | **FY 2022-23** | **FY 2023-24** | **FY 2023-24** | **FY 2024-25** | | | **FY 2025-26** | **FY 2026-27** |
|---|---|---|---|---|---|---|---|---|---|
| | **Audited** | **Audited** | **Projected** | **Audited** | **Provisional** | **Projected** | **Total** | **Projected** | **Projected** |
| *Months* | *12* | *12* | *12* | *12* | *8* | *4* | *12* | *12* | *12* |
| Salary to teaching staff | | | *3,00,00,000* | *52,80,224* | *2,84,00,000* | *1,42,00,000* | *4,26,00,000* | *9,15,00,000* | *10,92,00,000* |
| Salary to non-teaching staff | | | *1,00,00,000* | *5,58,974* | *2,86,00,000* | *1,43,00,000* | *4,29,00,000* | *6,71,55,000* | *9,30,36,900* |
| Statutory expenses- PF,ESI, Others | | | *5,00,000* | *49,718* | *2,04,21,012* | *1,02,10,506* | *3,06,31,518* | *5,50,02,897* | *6,76,70,612* |
| Honararium | | | *1,00,000* | - | *76,000* | *38,000* | *1,14,000* | *2,97,000* | *4,68,000* |
| Deffered Salary expenditure | | | | *1,50,82,603* | | - | - | - | - |
| | | | ***4,06,00,000*** | ***2,09,71,517*** | ***7,74,97,012*** | ***3,87,48,506*** | ***11,62,45,518*** | ***21,39,54,897*** | ***27,03,75,512*** |
| **Academic Resources** | | | | | - | - | - | - | - |
| - Library Subscription | | | *1,00,000* | *7,744* | *7,97,203* | *3,98,601* | *11,95,804* | *20,92,657* | *25,11,189* |
| - Online Learning platform | | | *25,00,000* | *12,01,125* | *23,51,748* | *11,75,874* | *35,27,622* | *61,73,339* | *74,08,007* |
| - Education tools ERP | | | *1,00,00,000* | *70,80,000* | *78,16,573* | *39,08,287* | *1,17,24,860* | *2,05,18,505* | *2,46,22,206* |
| | | | ***1,26,00,000*** | ***82,88,869*** | ***1,09,65,524*** | ***54,82,762*** | ***1,64,48,287*** | ***2,87,84,502*** | ***3,45,41,402*** |
| **Administrative & Other expenses** | | | | | - | - | - | - | - |
| - Office Supplies | | | *2,50,000* | - | *1,68,291* | *84,146* | *2,52,437* | *4,41,764* | *5,30,117* |
| - Auditing fees | | | *25,000* | - | *16,667* | *8,333* | *25,000* | *43,750* | *52,500* |
| - Legal Expenses | | | *50,000* | - | *33,333* | *16,667* | *50,000* | *87,500* | *1,05,000* |
| - Other Operational costs | | | *5,00,000* | *1,55,250* | *7,97,203* | *3,98,601* | *11,95,804* | *20,92,657* | *25,11,189* |
| - Advertisement & Promotion | | | *2,00,00,000* | *43,86,611* | *1,42,38,310* | *71,19,155* | *2,13,57,465* | *3,73,75,563* | *4,48,50,676* |
| - Bank Charges | | | *5,000* | - | *2,714* | *1,357* | *4,070* | *7,123* | *8,548* |
| - Printing & Stationery | | | *25,00,000* | *2,75,896* | *17,25,760* | *8,62,880* | *25,88,640* | *45,30,119.74* | *54,36,144* |
| | | | ***2,33,30,000*** | ***48,17,757*** | ***1,69,82,277*** | ***84,91,139*** | ***2,54,73,416*** | ***4,45,78,478*** | ***5,34,94,173*** |
| **Repairs & Maintenance** | | | | | - | - | - | - | - |
| - Building | | | *25,00,000* | *10,26,353* | *16,66,667* | *8,33,333* | *25,00,000* | *90,00,000* | *1,59,00,000* |
| - Vehcile Maintenance | | | *25,00,000* | | *22,80,000* | *11,40,000* | *34,20,000* | *1,27,98,979* | *2,30,31,799* |
| - Fuel & Lubrications | | | *25,00,000* | | *30,78,000* | *15,39,000* | *46,17,000* | *1,12,86,000* | *1,75,50,000* |
| - Equipments Maintenance | | | *1,00,000* | *1,81,761* | *25,493* | *12,746* | *38,239* | *6,65,581* | *8,40,000* |
| - Laboratories | | | *1,00,000* | - | *54,813* | *27,407* | *82,220* | *1,43,885* | *1,72,662* |
| - Libraries | | | *1,00,000* | - | *1,48,917* | *74,459* | *2,23,376* | *3,90,908* | *4,69,090* |
| - Others | | | *1,00,000* | - | *1,09,342* | *54,671* | *1,64,013* | *2,87,023* | *3,44,427* |
| | | | ***79,00,000*** | ***12,08,114*** | ***73,63,232*** | ***36,81,616*** | ***1,10,44,849*** | ***3,45,72,376*** | ***5,83,07,978*** |
| **Campus Utilities** | | | | | - | - | - | - | - |
| - Electricity | | | *25,00,000* | *22,50,000* | *39,86,014* | *19,93,007* | *59,79,021* | *1,04,63,286.71* | *1,25,55,944* |
| - Security Charges | | | *3,00,000* | - | *1,52,405* | *76,203* | *2,28,608* | *4,00,064* | *4,80,077* |
| - Other Utilities | | | *5,00,000* | *5,738* | *6,37,762* | *3,18,881* | *9,56,643* | *16,74,126* | *20,08,951* |
| | | | ***33,00,000*** | ***22,55,738*** | ***47,76,181*** | ***23,88,091*** | ***71,64,272*** | ***1,25,37,476*** | ***1,50,44,972*** |
| **Student Resources** | | | | | - | - | - | - | - |
| - Study Materials | | | *2,50,000* | - | *1,66,667* | *83,333* | *2,50,000* | *4,37,500* | *5,25,000* |

## 11. Governance System

### Organization, Governance and Management

| | | |
|---|---|---|
| 11.1 | Composition of the statutory bodies of the University (please give names, profession & full postal addressof the members and date of constitution): -<br><br>**Governing Board**<br>**Executive Council -NA**<br>**Board of Management**<br>**Academic Council**<br>**Research and Innovation Council**<br>**Finance Committee**<br>**Board of Studies Others**<br><br>(Details to be provided in **Appendix-XVII**) | **Appendix -XVII** |
| 11.2 | Dates of the meetings of the above bodies held<br>during the last 2 years<br><br>(Enclose attested copy of the minutes of themeetings) | Minutes of statutory body Meetings attached in **Annexure-19** |
| 11.3 | What percentage of the members of the Boards of Studies, or such other academic committees, are external? Enclose the guidelines for BOS or such other Committees. | **Annexure-19**<br>Percentage of Members- Percentage of External Members |
| 11.4 | Are there other strategies to review academic programmes besides the academic council? If yes, give details about what, when and how often are suchreviews made? | • After each semester, Course Assessment Board (CAB) and Program Assessment Board (PAB) meetings are conducted to evaluate the effectiveness and attainment of Program Outcomes (POs), Course Outcomes (COs), and student feedback. Based on these evaluations, the boards recommend necessary changes in the syllabus, teaching methods, and learning approaches for subsequent offerings.<br>• Feedback from recruiters and industries where students undertake internships is also considered during CAB and PAB meetings to ensure curriculum relevance.<br>• Curriculum review further incorporates insights from education-related articles in newspapers, magazines, and media; discussions from seminars and fairs; as well as a comparative study of websites of peer universities.<br>• Guidelines issued by UGC and KSHEC are also taken into account while reviewing the curriculum. |

**12. Research Profile**

| | | |
|---|---|---|
| 12.1 | Faculty-wise and Department-wise information to beprovided in respect of the following: -<br><br>• Student Teacher Ratio Class Rooms<br>• Teaching labs<br>• Research labs (Major Equipment's)<br>• Research Scholars (MTech, Ph.D., Post-Doctoral Scholars)<br>• Publications in last 3 years (Year-wise list)<br>• No. of Books Published<br>• Patents<br>• Transfer of Technology<br>• Inter-departmental Research (Inter-disciplinary)<br>• Consultancy<br>• Externally funded Research Projects<br>• Educational Programs Arranged | **Details are provided in**<br><br>**Annexure-20- Research Profile** |

**13. Details of Non-Teaching Staff**

| **13.1** | **Details of Non- Teaching Staff** | | | | | |
|---|---|---|---|---|---|---|
| Name | Designation | Age | Qualification | Scale ofPay | Date of Appointment | TrainedYes/No If yes, Details |
| | | | | | | |

**(Details to be provided in Appendix-XVIII)**

| | | |
|---|---|---|
| 13.2 | Summary of the Non-Teaching Staff | |
| 13.3 | No. of non-teaching staff category wise | |
| 13.4 | Ratio of non-teaching staff to students | **1:11** |
| 13.5 | Ratio of non-teaching staff to faculty | **1:1.11** |
| | Ratio of non-teaching (technical) staff to faculty | **1:1.53** |

| **Particulars** | **Female** | **Male** | **Total** |
|---|---|---|---|
| **AdministrativeStaff** | | | |
| Group A | 0 | 8 | 8 |
| Group B | 9 | 6 | 15 |
| Group C | 24 | 18 | 42 |
| Group D | 2 | 4 | 6 |
| Sub total | **35** | **36** | **71** |
| **TechnicalStaff** | | | |
| Group A | 0 | 4 | 4 |
| Group B | 0 | 28 | 28 |
| Group C | 14 | 75 | 89 |
| Group D | 29 | 38 | 67 |
| Sub total | **43** | **145** | **188** |

| Category | Female | Male | Total |
|---|---|---|---|
| SC | 19 | 18 | 37 |
| ST | 6 | 15 | 21 |
| OBC | 45 | 105 | 150 |
| PH | 0 | 1 | 1 |
| General | **5** | **45** | **50** |
| Total | **75** | **184** | **259** |

14. **Academic Results**

<table>
<tr>
<td>14.1</td>
<td>Faculty-wise and course-wise academic results of the past 3 years<br><br>
<table>
<tr><td>S. No.</td><td>Course</td><td>No. of Candidates appeared</td><td>Result</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table>
</td>
<td>Results of 1st Semester 2024-25 is provided in Annexure-21</td>
</tr>
</table>

15. **Accreditation**

<table>
<tr>
<td>15.1</td>
<td>Whether Accredited by NAAC? If yes please provide the following details:<br><br>Date of Accreditation<br>Period<br>Grade<br>CGPA<br>Grading System Followed</td>
<td>Not Applicable as University was established during August 2023</td>
</tr>
<tr>
<td>15.2</td>
<td>Whether courses are accredited by NBA? If yes please provide course-wise details as under:-<br><br>
<table>
<tr><td>S. No.</td><td>Course</td><td>Whether Accredited</td><td>Period of Accreditation</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table>
</td>
<td>Not Applicable as University was established during August 2023</td>
</tr>
<tr>
<td>15.3</td>
<td>Other Accreditations, if any</td>
<td>1. GSAAA<br>2. Sustainable Institutions of India Green Rankings 2025<br>3. Yoga Sangam Patra<br>4. OBE Rankings 2025<br>5. 3rd Best Emerging University - Times of India</td>
</tr>
<tr>
<td>15.4</td>
<td>Any other information<br>(including special achievements by the University which may be relevant for the University)</td>
<td>• All students of GMU mandatorily earn 10 credits in competency and skill development courses<br>• All students of GMU mandatorily earn 3 credits in Life Skill Development courses<br>• Students are encouraged to undertake industry internships during semester breaks after their 4th, 5th and 6th semesters so completing a minimum of 12 weeks of internship.<br>• In 2024–25, the University published over 64 papers in Scopus-indexed journals.</td>
</tr>
</table>

| | | |
|---|---|---|
| | | • An **IDEA Lab** is being established to encourage students to develop innovative products and launch their own start-ups.<br>• The University publishes its own **bi-annual research journal, *Research Resonance*,** and a **quarterly newsletter, *GMU Times***.<br>• An **annual workshop on idea generation and design thinking** is conducted for all students.<br>• The University organizes an **annual inter-collegiate/university Tech Fest, IGNITRON**.<br>• During semester breaks, the University conducts **GM League matches** in an IPL-style format for sports such as cricket, basketball, football, volleyball, kho-kho, and badminton.<br>• Cultural competitions like **GM Idol** and **Natyataranga** are organized, modeled on popular reality shows such as *Indian Idol* and *Dance India Dance*.<br>• The University annually hosts **Mallika**, an inter-university cultural festival.<br>• Faculty members are provided with **funding support to develop new products and establish start-ups**.<br>• Annually sports and cultural competitions are organised for faculty and staff members<br>• Every day morning "OM chanting" is played on campus from 6am to 6.20 am<br>• National and GM University anthems are played @ 7.45 am on a daily basis.<br>• Students of GMU have won prizes in Smart India Hackathons and many other Hackathons organized by various institutions. |

| | | |
|---|---|---|
| | | • Students have won weight lifting, wrestling and many such competitions at National and State level. |

## 16. Strength and Weaknesses of the University

| | | |
|---|---|---|
| 16.1 | Strengths of the University | • Campus is of 54 acres<br>• Availability of excellent civil infrastructure<br>• Availability of Academic Infrastructure like classrooms, laboratories, workshops and Library, Auditoriums and Seminar Halls<br>• Current, relevant, outcome-based curriculum<br>• Availability of good faculty<br>• Availability of very modern Digital Infrastructure including AI powered classrooms<br>• Availability of very modern sports infrastructure<br>• Free and dedicated students' spaces for cultural and other student Activities<br>• Student support services-transport, hostels, Banking and other such facilities<br>• Supportive and Encouraging Management |
| 16.2 | Weaknesses of the University | • Located in District Head Quarters<br>• City is not so much industrialised<br>• Faculty and students need more opportunities for better exposure |

**Certificate**

This is to certify that all the information provided above is true to the best of my knowledge and belief. The University will adhere to the rules, regulations and guidelines of the UGC, Central Government and relevant Statutory Council(s) and abide by all the provisions under the UGC Regulation.

The above information is also posted on the website of the University www.gmu.ac.in



Signed and Sealed by the Head of the Institution

**Appendix- I**

**Composition of Trust**

| Name | Address | Occupation | Designation in the Trust |
|---|---|---|---|
| Mr. G M Prasanna Kumar | S/o Sri. G. Mallikarjunappa Bheemasamudra – 577 520 Chitradurga District, Karnataka. | Business, Areca nut Traders | Chairman |
| Mr. G M Lingaraju | S/o Sri. G. Mallikarjunappa Bheemasamudra – 577 520 Chitradurga District, Karnataka. | Industrialist, Chairman, GM Group of Companies | Secretary |
| Mr. G S Anith Kumar | S/o Sri. G M Siddeshwara, Bheemasamudra – 577 520 Chitradurga District, Karnataka. | Entrepreneur, Director, GM Group of Companies | Treasurer |
| Smt. Sheela Prasanna Kumar | W/o G M Prasanna Kumar, Bheemasamudra – 577 520 Chitradurga District, Karnataka. | Home maker | Trustee |
| Smt. Veena Lingaraju | W/o G M Lingaraju, Bheemasamudra – 577 520 Chitradurga District, Karnataka. | Home maker | Trustee |
| Smt. Savita Anith Kumar | W/o G. S. Anith Kumar, Bheemasamudra – 577 520 Chitradurga District, Karnataka. | Home maker | Trustee |

**Appendix -II**
**Board of Governors in Companies**

| Name of the member | Address | Name of the Company | Designation in the Society/Trust |
|---|---|---|---|
| Mr. G M Prasanna Kumar | S/o Sri. G. Mallikarjunappa Bheemasamudra – 577520 Chitradurga District, Karnataka. | **Prasanna Traders, Bheemasamudra, Chitradurga District, Karnataka.** | Chairman |
| Mr. G M Lingaraju | S/o Sri. G. Mallikarjunappa Bheemasamudra – 577520 Chitradurga District, Karnataka. | **Chairman GM Group of Companies, Bangalore-560003** | Secretary |
| Mr. G S Anith Kumar | S/o Sri. G. Mallikarjunappa Bheemasamudra – 577520 Chitradurga District, Karnataka. | **Director GM Software PVT LTD, Bangalore-560003** | Treasurer |
| Smt. Sheela Prasanna Kumar | S/o Sri. G. Mallikarjunappa Bheemasamudra – 577520 Chitradurga District, Karnataka. | **NIL** | Trustee |
| Smt. Veena Lingaraju | S/o Sri. G. Mallikarjunappa Bheemasamudra – 577520 Chitradurga District, Karnataka. | **NIL** | Trustee |
| Smt. Savita Anith Kumar | S/o Sri. G. Mallikarjunappa Bheemasamudra – 577520 Chitradurga District, Karnataka. | **NIL** | Trustee |

**Appendix-III**
**Other Educational Institutions**

| **Name of the University / Educational Institution** | **Activities** |
|---|---|
| G M Institute of Technology (GMIT) (2001) | Affiliated to VTU- Belgaum |
| GMS-Academy-First Grade College (2011) | Affiliated to Davanagere University |
| G M Institute of Pharmaceutical Sciences and Research (GMIPSR) (2019). | Affiliated to RGUHS |
| GMH-PU College (2003) | PU-Board |
| GMH-English Medium High School (2014), | SSLC Board |

**Appendix-IV**

**Trust Running Activities Other than Educational**

| Name of the Organization | Activities |
|---|---|
| Not Applicable | No |

**Appendix-V**

**Off Campus Centre(s)**

No Off Campus Centres Established

**Appendix-VI**

**Off Shore Campus Centre(s)**

GM University has not established any Off-shore Campus Centres as of now

**Appendix-VII**

**Details of Study Centres**

GM University has not established any Study Centres as of now

**Appendix- VIII**

Details of the programs permitted to be offered by Gazette Notification of the State Government

| Program | Specialisation | Intake | | | | |
|---|---|---|---|---|---|---|
| | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
| | | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 |
| B.Tech | Computer Science & Engineering | 120 | 180 | 240 | 300 | 360 |
| | Computer Science with AI and ML | 120 | 120 | 120 | 120 | 120 |
| | Information Science and Engineering | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Information Security | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Data Science | 60 | 120 | 180 | 240 | 300 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | CSE with specialization in Business Systems | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Cyber Security | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Cloud Computing | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Internet of Things | 60 | 120 | 180 | 240 | 300 |
| | **Total** | **660** | **1140** | **1620** | **2100** | **2580** |
| **M.Tech** | Artificial Intelligence and Machine Learning | - | 30 | 45 | 60 | 60 |
| | Computer Science and Engineering | - | 30 | 45 | 60 | 60 |
| | Computer Science with Cognitive Computing | - | 30 | 30 | 30 | 30 |
| | Computer Science with Cyber Security and Digital Forensics | - | 30 | 30 | 30 | 30 |
| | Computer Science with Industrial IOT | - | 30 | 30 | 30 | 30 |
| | Computer Science with Data Analytics | - | 30 | 30 | 30 | 30 |
| | **Total** | - | **180** | **210** | **240** | **240** |
| **Program** | **Specialisation** | **Intake** | | | | |
| | | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** |
| | | **2023-24** | **2024-25** | **2025-26** | **2026-27** | **2027-28** |
| **B.Tech** | Electronics and Communication Engineering | 60 | 120 | 180 | 240 | 300 |
| | Electrical and Electronics Engineering | 60 | 120 | 180 | 240 | 300 |
| | Aeronautical Engineering | - | - | 60 | 60 | 60 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Biomedical Engineering | - | - | 60 | 60 | 60 |
| | Biomedical Engineering with specialization in Machine Intelligence | - | - | 60 | 60 | 60 |
| | Biotechnology | - | - | 120 | 120 | 120 |
| | Civil Engineering | - | - | 120 | 120 | 120 |
| | Civil Engineering with Specialization Structural Engineering | - | - | 60 | 60 | 60 |
| | Electrical and Electric Vehicle Technology | - | - | 120 | 120 | 120 |
| | Mechanical Engineering | - | - | 120 | 120 | 120 |
| | Mechanical Engineering with specialization in Automation and Robotics | - | - | 60 | 60 | 60 |
| | Mechatronics Engineering | - | - | 60 | 60 | 60 |
| | **Total** | **120** | **240** | **1200** | **1320** | **1440** |
| **MBA-Integrated** | Bachelor of Engineering with Master of Business Administration | 120 | 180 | 240 | 300 | 360 |

| **Program** | **Specialisation** | **Intake** | | | | |
|---|---|---|---|---|---|---|
| | | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** |
| | | **2023-24** | **2024-25** | **2025-26** | **2026-27** | **2027-28** |
| **M.Tech** | Civil Engineering | - | - | - | 18 | 18 |
| | Automobile Engineering | - | - | - | 18 | 18 |
| | Mechanical Engineering | - | - | - | 18 | 18 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Biomedical Engineering | - | - | - | 18 | 18 |
| | Electronics and Communication | - | - | - | 18 | 18 |
| | VLSI and Embedded Systems | - | - | - | 18 | 18 |
| | Machine Design | - | - | - | 18 | 18 |
| | Power & Energy Systems | - | - | - | 18 | 18 |
| | **Total** | - | - | - | **144** | **144** |
| **PhD** | Computer Science & Engineering | 30 | 40 | 50 | 75 | 75 |
| | Biomedical Engineering | 10 | 10 | 25 | 25 | 25 |
| | Civil Engineering | - | - | 30 | 30 | 30 |
| | Mechanical Engineering | - | - | 30 | 30 | 30 |
| | Electrical and Electronics Engineering | 20 | 20 | 25 | 25 | 25 |
| | Electronics and Communication | 20 | 20 | 30 | 30 | 30 |
| | **Total** | **80** | **90** | **190** | **215** | **215** |
| **Diploma** | Computer Science and Engineering | 30 | 30 | 45 | 60 | 60 |
| | Mechanical Engineering | 30 | 30 | 45 | 60 | 60 |
| | Civil Engineering | 30 | 30 | 30 | 30 | 30 |
| | Electronics and Communication Engineering | 30 | 30 | 30 | 30 | 30 |
| | Electrical and Electronics Engineeirng | 30 | 30 | 30 | 30 | 30 |
| | Computer Science with Internet of Things | 30 | 30 | 30 | 30 | 30 |
| | Total | **180** | **180** | **210** | **240** | **240** |

| Program | Specialisation | Intake | | | | |
|---|---|---|---|---|---|---|
| | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
| | | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 |
| UG | Bachelor of Commerce -(Honors) – B.Com. | 60 | 120 | 180 | 240 | 300 |
| | Bachelor of Business Administration - BBA (Business Analytics) | 60 | 120 | 180 | 240 | 300 |
| | Bachelor of Business Administration with Master of Business Administration (Integrated) | 60 | 60 | 60 | 60 | 60 |
| PG | Master of Commerce | 60 | 60 | 60 | 60 | 60 |
| | Master of Business Administration | 60 | 120 | 180 | 240 | 300 |
| | Master of Business Administration - Agriculture & Marketing | 60 | 60 | 60 | 60 | 60 |
| | Master of Business Administration - Entrepreneurship | 60 | 60 | 60 | 60 | 60 |
| | Master of Business Administration- International Business | 60 | 60 | 60 | 60 | 60 |
| Ph.D. | Ph.D. | 30 | 30 | 30 | 30 | 30 |
| | **Total** | **510** | **690** | **870** | **1050** | **1230** |
| UG | Bachelor of Computer Applications-(Honors) | 60 | 120 | 180 | 240 | 300 |
| | Bachelor of Computer Applications-Data Science | 60 | 120 | 180 | 240 | 300 |
| | Bachelor of Computer Applications with Master of Business Administration (Integrated) | 60 | 120 | 180 | 240 | 300 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **PG** | Master of Computer Applications | 60 | 60 | 60 | 60 | 60 |
| **Ph.D.** | Ph.D. | 30 | 30 | 30 | 30 | 30 |
| | **Total** | **270** | **450** | **630** | **810** | **990** |

| **Program** | **Specialisation** | **Intake** | | | | |
|---|---|---|---|---|---|---|
| | | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** |
| | | **2023-24** | **2024-25** | **2025-26** | **2026-27** | **2027-28** |
| **UG** | Bachelor of Science (Honors) | - | **60** | 180 | 240 | 300 |
| | Bachelor of Science (Natural Science) | - | **60** | 180 | 240 | 300 |
| | Bachelor of Science (Chemical Science) | - | 60 | 60 | 60 | 60 |
| | Bachelor of Science (Biological Science) | - | 60 | 60 | 60 | 60 |
| **PG** | Master of Science (Chemistry) | - | 30 | 30 | 30 | 30 |
| | Master of Science (Physics) | - | 30 | 30 | 30 | 30 |
| | Master of Science (Mathematics) | - | 30 | 30 | 30 | 30 |
| **Ph.D.** | Ph.D. | - | 30 | 30 | 30 | 30 |
| | **Total** | **-** | **360** | **600** | **720** | **840** |

**Appendix -IX**

**Details of the Programmes being offered by the GM University**

| Sl. No. | Program Title | Approved Intake | Student Admitted |
|---|---|---|---|
| 1 | Computer Science and Engineering | 180 | 165 |
| 2 | Information Science and Engineering | 120 | 101 |
| 3 | Computer Science - AIML | 120 | 111 |
| 4 | Computer Science - Data Science | 120 | 99 |
| 5 | Computer Science - Cloud Computing | 120 | 95 |
| 6 | Computer Science - Cyber Security | 120 | 92 |
| 7 | Computer Science - Information Security | 120 | 84 |
| 8 | Computer Science - Business System | 120 | 27 |
| 9 | Computer Science - IoT | 120 | 39 |
| 10 | Electronics and Communication Engineering | 120 | 116 |
| 11 | Electronics and Electrical Engineering | 120 | 85 |
| 12 | Robotics and Automation (RA) | 60 | 44 |
| 13 | Engineering Design (ED) | 60 | 33 |
| 14 | Civil Engineering (CE) | 60 | 37 |
| 15 | Biotechnology (BT) | 60 | 45 |
| 16 | BCA | 240 | 217 |
| 17 | BCA/BSc | 180 | 35 |
| 18 | BSc | 540 | 186 |
| 19 | BCom | 240 | 106 |
| 20 | BBA | 420 | 41 |
| 21 | LLB | 60 | 15 |
| 22 | M-Tech - Data Engineering | 30 | 28 |
| 23 | M-Tech - Deep Learning | 30 | 12 |
| 24 | M-Tech - Computer Aided Structural Engineering | 30 | 22 |
| 25 | M-Tech - Artificial Intelligence in Health Care | 30 | 4 |
| 26 | M.Sc. - Physics | 30 | 0 |
| 27 | M.Sc. - Chemistry | 30 | 11 |
| 28 | M.Sc. - Mathematics | 30 | 0 |
| 29 | MCA | 120 | 71 |
| 30 | M.Sc. - Data Science | 30 | 0 |
| 31 | M.Sc. - AI and Data Analytics | 30 | 0 |
| 32 | M.Sc. - Cyber Security | 30 | 0 |
| 33 | M. Com | 120 | 8 |
| 34 | MBA | 300 | 86 |
| **Total** | | **4140** | **2015** |

**Appendix-X**

**Details of Approval of Statutory Council(S)**

- Approval for running technical programs is not taken from AICTE as it is not mandatory, however, KSHEC has issued approval letter for running the technical programs.

**KSHEC intake approval letter – 2024-2025:**

GOVERNMENT OF KARNATAKA

EO. No.ED/195/URC/2024

Karnataka Government Secretariat,
M.S. Building,
Bangalore, Date:18-06-2024.

From
Principal Secretary to Government,
Higher Education Department,
Bangalore – 560 001.

To
Registrar,
GM University,
P.b. Road, Davanagere – 577 006.

Sir,

Sub:- Permission to offer enhancement of New Course & Increase in Intake of existing courses at GM University, from the academic year 2024-25 - reg.

Ref: -
1. Your letters dated: GMU/ED//KSHEC/2023-24/01, Date:25.03.2024.
2. Letter of Executive Director, Karnataka State Higher Education Council, bearing No: KSHEC/195/GM-VI/2023-24/310, dated: 23.04.2024.

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With reference to the above subject, your proposal in the letter cited at ref (1) of enhancement of intake of existing course and to start new course in GM University from the academic year 2024-25, has been examined in due consideration of the report submitted vide letter cited at ref (2).

Accordingly the Government has permitted to enhancement of intake of existing course and to start new course in GM University from the academic year 2024-25 subject to fulfilling requisite infrastructure and staff requirements as per UGC/AICTE norms and taking approval of National Level Councils/Bodies wherever required by statutory provisions. :-

**I. Increase of Intake in below programme of study:-**

| Sl. No. | Name of the Programme of Study | Existing Intake for 2023-24 | Proposed Additional Intake for 2024-25 | Total Proposed Intake for 2024-25 | Government Quota 40% | University Quota 60% | Recommended Total Intake for the academic year 2024-25 |
|---|---|---|---|---|---|---|---|
| 1 | Master of computer Application | 60 | 60 | 120 | 48 | 72 | 120 |

...2

## II. Starting New Courses from the Academic year 2024-25

### B.Tech. Programmes

| Sl. No | Name of the Programme of Study | Proposed Intake for 2024-25 | Government Quota 40% | University Quota 60% | Recommended Total Intake for the academic year 2024-25 |
|---|---|---|---|---|---|
| 1 | B.Tech in Robotics and Automation | 60 | 24 | 36 | 60 |
| 2 | B.Tech in Engineering Design | 60 | 24 | 36 | 60 |
| 3 | B.Tech in Civil Engineering | 60 | 24 | 36 | 60 |
| 4 | B.Tech in Biotechnology | 60 | 24 | 36 | 60 |

### B.Sc.,Programmes

| Sl. No. | Name of the Programme of Study | Proposed Intake for 2024-25 | Government Quota 40% | University Quota 60% | Recommended Total Intake for the academic year 2024-25 |
|---|---|---|---|---|---|
| 1 | B.Sc., - Major (M, CS), Minor (P/S/E | 30 | 12 | 18 | 30 |
| 2 | B.Sc., - Major (S, CS), Minor (P/M/E) | 30 | 12 | 18 | 30 |
| 3 | B.Sc.,-Major (P,M), Minor(CS/S/E) | 30 | 12 | 18 | 30 |
| 4 | B.Sc., - Major (P,), Minor(CS/M/E) | 30 | 12 | 18 | 30 |
| 5 | B.Sc., - Major (C, CS.), Minor(P/M/E) | 60 | 24 | 36 | 60 |
| 6 | B.Sc., - Major (B, Z.), Minor(C/EC/CS/S) | 30 | 12 | 18 | 30 |
| 7 | B.Sc., - Major (C, Z.), Minor(B/EC/CS/S) | 30 | 12 | 18 | 30 |
| 8 | B.Sc., - Major (C, B), Minor (BC/MB/CS/S) | 30 | 12 | 18 | 30 |
| 9 | B.Sc – Major (M.B), Minor(Z/C/BC/CS | 30 | 12 | 18 | 30 |

...3

## B.Com and BBA Programmes

| Sl. No. | Name of the Programme of Study | Proposed Intake for 2024-25 | Government Quota 40% | University Quota 60% | Recommended Total Intake for the academic year 2024-25 |
|---|---|---|---|---|---|
| 1 | B.Com Accounting and Finance | 60 | 24 | 36 | 60 |
| 2 | B.Com Banking and Insurance | 60 | 24 | 36 | 60 |
| 3 | BBA, Digital Marketing and Social Media | 60 | 24 | 36 | 60 |
| 4 | BBA Innovation and Entrepreneurship | 60 | 24 | 36 | 60 |
| 5 | BBA Logistics and Supply Chain Management | 60 | 24 | 36 | 60 |
| 6 | BBA Human Resource Management | 60 | 24 | 36 | 60 |

## M.Tech & M.Sc.,Programmes

| Sl. No. | Name of the Programme of Study | Proposed Intake for 2024-25 | Government Quota 40% | University Quota 60% | Recommended Total Intake for the academic year 2024-25 |
|---|---|---|---|---|---|
| 1 | M.Tech in Data Engineering | 30 | 12 | 18 | 30 |
| 2 | M.Tech in Deep Learning | 30 | 12 | 18 | 30 |
| 3 | M.Tech in Artificial Intelligence in Healthcare | 30 | 12 | 18 | 30 |
| 4 | M.Tech in Computer Aided Structural Engineering | 30 | 12 | 18 | 30 |
| 5 | M.Sc., Data Science | 30 | 12 | 18 | 30 |

CONDITIONS:-

(1) The University shall obtain approval of concerned relevant Apex body, Regulatory Authority & UGC. Compliance with respect to the approval obtained shall be submitted to the State Government.

(2) The Permission accorded in this letter shall stand reviewed by the Government if necessary conditions are not fulfilled.

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(3) As applicable to the academic year 2024-25, the courses covered by AICTE must obtain the approval of AICTE and submit the compliance report to the Government within one month with the copy of approval.

(4) Regulations, UGC (Minimum Standards Of Instruction for the Grant of the Master's Degree through Formal Education) 2003 regarding admission, instructor workload, curriculum, examination and evaluation, availability of physical infrastructure and degree principals shall be strictly followed.

(5) According to the Act, forty percent of the seats in admission to all the courses of the University should be submitted to the Karnataka State students as per the State Government's reservation rules, the complete details of the given and the fees being received from the said students and accordingly, the full details of the Scheduled Caste and Scheduled Tribe students enrolled under reservation.

(6) The details of the method of fixing the fees in respect of sixty percent seats in admission to all the courses of the University as per the Act and the details of the fees received from the said students shall be submitted.

(7) Details of the quality of the concerned regulatory authorities for the course proposed to increase the student population and the necessary additional facilities provided and necessary teaching/non-teaching staff appointed as per the prescribed pattern shall be submitted.

(8) Admission of students shall be only once in a year, if admission is made in excess of that permitted by the Government, the permission/recognition of the Government shall be cancelled.

(9) Promoting interdisciplinary / multi-disciplinary research.

(10) Adequate security should be provided to student hostels.

(11) All Provisions of the GM University Act 2022 to be complied with.

Yours faithfully,

**(K. Manjunatha)** 18/6/24
Under Secretary to Government,
Higher Education Department (Universities-2)

**Copy to :-**

1. Executive Director, Karnataka State Council of Higher Education, No. 30, Prasanna Kumar Block, Bangalore Central University Campus, Y. Ramachandra Road, Gandhinagar, Bangalore.
2. Personal Secretary to Hon'ble Minister of Higher Education, Vikas Soudha.
3. Chancellor, GM University, P.B. Road, Davanagere, - 5770
4. Personal Secretary to the Principal Secretary to Government, Higher Education Department.
5. E-Coordinator, (to be published in Higher Education Department Website)
6. Under Secretary, Department of Higher Education (Technical), Bangalore.

**KSHEC intake approval letter – 2025-2026:**

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಸಂಖ್ಯೆ:ಇಡಿ/116/ಯುಆರ್‌ಸಿ/2025

ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಸಚಿವಾಲಯ
ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ
ಡಾ. ಅಂಬೇಡ್ಕರ್ ವೀಧಿ,
ಬೆಂಗಳೂರು, ದಿನಾಂಕ:30.06.2025

ಇವರಿಂದ,
ಸರ್ಕಾರದ ಕಾರ್ಯದರ್ಶಿ,
ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ,
ಡಾ. ಅಂಬೇಡ್ಕರ್ ವೀಧಿ,
ಬಹುಮಹಡಿ ಕಟ್ಟಡ,
ಬೆಂಗಳೂರು.

ಇವರಿಗೆ,
ಕುಲಸಚಿವರು,
ಜಿ.ಎಂ. ವಿಶ್ವವಿದ್ಯಾಲಯ,
ಪಿ.ಬಿ. ರಸ್ತೆ, ದಾವಣಗೆರೆ - 577006

ಮಾನ್ಯರೆ,

ವಿಷಯ: ಜಿ.ಎಂ. ಖಾಸಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ, ವಿದ್ಯಾರ್ಥಿ ಪ್ರಮಾಣ ಹೆಚ್ಚಳ ಮಾಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ:- ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನ ಪತ್ರ ಸಂಖ್ಯೆ:ಕರಾಉಶಿಪ/112/GMU-ACD/2024-25/202, ದಿನಾಂಕ: 12.03.2025

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ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಉಲ್ಲೇಖಿತ ಪತ್ರದಲ್ಲಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನಿಂದ ರಚಿಸಲಾದ ತಜ್ಞರ ಸಮಿತಿಯು ಮಾಡಿರುವ ಶಿಫಾರಸ್ಸಿನ ಆಧಾರದ ಮೇಲೆ ಯುಜಿಸಿ/ಇತರ ಮಾನ್ಯತಾ ಸಂಸ್ಥೆಗಳ ಮಾನದಂಡಗಳ ಪ್ರಕಾರ ಅಗತ್ಯ ಮೂಲಭೂತ ಸೌಕರ್ಯ ಮತ್ತು ಸಿಬ್ಬಂದಿ ಅವಶ್ಯಕತೆಗಳನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಪೂರೈಸುವ ಮತ್ತು ಸಂಬಂಧಿಸಿದ ರಾಷ್ಟ್ರೀಯ ಅಧಿಮಾನ್ಯತಾ ಸಂಸ್ಥೆಗಳ ಅನುಮೋದನೆಯನ್ನು ಪಡೆಯುವ ಷರತ್ತಿಗೊಳಪಟ್ಟು 2025-26ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಜಿ.ಎಂ. ಖಾಸಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿ ಪ್ರಮಾಣ ಹೆಚ್ಚಳ, ಹೊಸ ಕೋರ್ಸುಗಳು ಪ್ರಾರಂಭಿಸುವ ಕುರಿತು ಈ ಕೆಳಕಂಡ ಷರತ್ತಿಗೊಳಪಟ್ಟು ಸರ್ಕಾರದ ಅನುಮತಿಯನ್ನು ನೀಡಲು ನಿರ್ದೇಶಿಸಲ್ಪಟ್ಟಿದ್ದೇನೆ.

**INCREASING / VARIATION INTAKE**

| Sl. No. | Name of the Programmes / Course | Existing Intake for 2024-25 | Proposed additional intake for 2025-26 | Recommended total intake for 2025-26 | Government Quota 40% | University Quota 60% | Total Proposed intake for 2025-26 |
|---|---|---|---|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1. | B.Tech in Computer Science & Engineering (CSE) | 180 | 60 | 240 | 96 | 144 | 240 |
| 2. | B.Tech in Information Science & Engineering (ISE) | 120 | 60 | 180 | 72 | 108 | 180 |
| 3. | B.Tech in Electronics & Communication Engineering (ECE) | 120 | 60 | 180 | 72 | 108 | 180 |
| 4. | B.Tech in Computer Science in Artificial Intelligence & Machine Learning (CS-AIML) | 120 | 60 | 180 | 72 | 108 | 180 |
| 5. | Master of Business Administration (MBA) | 120 | 60 | 180 | - | - | 180 |

**INCREASE OF INTAKE**

| Sl. No. | Name of the Programmes / Course | Proposed additional decreased intake for 2025-26 | Recommended total intake for 2025-26 | Government Quota 40% | University Quota 60% | Total Proposed intake for 2025-26 |
|---|---|---|---|---|---|---|
| 1. | M.Tech in Smart Electric System & Sustainable Energy | 30 | 30 | 12 | 18 | 30 |
| 2. | M.Tech in Advance Electronics & Intelligent Communication Systems | 30 | 30 | 12 | 18 | 30 |
| 3. | M.Tech in Bio Engineering & Genetic Technology | 30 | 30 | 12 | 18 | 30 |
| 4. | M.Sc in Food Technology | 30 | 30 | 12 | 18 | 30 |

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| | | | | | | |
|---|---|---|---|---|---|---|
| 5. | B.Tech Mechanical Engineering | 60 | 60 | 24 | 36 | 60 |
| 6. | LLB 3 years | 60 | 60 | - | - | 60 |
| 7. | BBA – LLB 5 years | 60 | 60 | - | - | 60 |
| 8 | B.Com, LLB 5 years | 60 | 60 | - | - | 60 |

ಷರತ್ತುಗಳು:-

(1) ಪ್ರವೇಶಾತಿ, ಬೋಧಕರ ಕಾರ್ಯಭಾರ, ಪಠ್ಯಕ್ರಮ, ಪರೀಕ್ಷೆ ಹಾಗೂ ಮೌಲ್ಯಮಾಪನ, ಭೌತಿಕ ಮೂಲ ಸೌಕರ್ಯಗಳ ಲಭ್ಯತೆ ಮತ್ತು ಪದವಿ ಪ್ರಧಾನಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ UGC (Minimum Standards Of Instruction for the Grant of the Master's Degree through Formal Education) Regulations, 2003 ರನ್ವಯ ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಕ್ರಮವಹಿಸತಕ್ಕದ್ದು.

(2) ಅಧಿನಿಯಮದನುಸಾರವಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಎಲ್ಲಾ ಕೋರ್ಸುಗಳ ಪ್ರವೇಶದಲ್ಲಿ ಶೇಕಡಾ ನಲವತ್ತರಷ್ಟು ಸೀಟುಗಳನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ರಾಜ್ಯ ಸರ್ಕಾರದ ಮೀಸಲಾತಿ ನಿಯಮದಂತೆ, ನೀಡಿರುವ ಬಗೆಗಿನ ಸಂಪೂರ್ಣ ವಿವರ ಹಾಗೂ ಸದರಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಸ್ವೀಕರಿಸುತ್ತಿರುವ ಶುಲ್ಕಗಳ ವಿವರ ಹಾಗೂ ಅದರಂತೆ, ಮೀಸಲಾತಿಯಡಿ ದಾಖಲಾಗಿರುವ ಪರಿಶಿಷ್ಟ ಜಾತಿ ಮತ್ತು ಪರಿಶಿಷ್ಟ ಪಂಗಡದ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೂರ್ಣ ವಿವರಗಳನ್ನು ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(3) ಅಧಿನಿಯಮದನುಸಾರವಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಎಲ್ಲಾ ಕೋರ್ಸುಗಳ ಪ್ರವೇಶದಲ್ಲಿ ಶೇಕಡಾ ಅರವತ್ತರಷ್ಟು ಸೀಟುಗಳ ಸಂಬಂಧದಲ್ಲಿ ಶುಲ್ಕವನ್ನು ನಿಗದಿಪಡಿಸುವ ವಿಧಾನದ ವಿವರ ಹಾಗೂ ಸದರಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಸ್ವೀಕರಿಸುತ್ತಿರುವ ಶುಲ್ಕಗಳ ವಿವರಗಳನ್ನು ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(4) ವಿದ್ಯಾರ್ಥಿ ಪ್ರಮಾಣವನ್ನು ಹೆಚ್ಚಳ ಮಾಡಲು ಹಾಗೂ ಹೊಸದಾಗಿ ಪ್ರಾರಂಭಿಸಲು ಪ್ರಸ್ತಾಪಿಸಲಾಗಿರುವ ಕೋರ್ಸಿಗೆ ಸಂಬಂಧಪಟ್ಟ ನಿಯಂತ್ರಣ ಪ್ರಾಧಿಕಾರಗಳ ಗುಣಮಟ್ಟ ಮತ್ತು ನಿಗದಿತ ಮಾದರಿಗನುಸಾರವಾಗಿ ಅವಶ್ಯಕವಾದ ಹೆಚ್ಚುವರಿ ಸೌಲಭ್ಯಗಳನ್ನು ಕಲ್ಪಿಸಿರುವ ಮತ್ತು ಅಗತ್ಯ ಬೋಧಕ / ಬೋಧಕೇತರ ಸಿಬ್ಬಂದಿಯನ್ನು ನೇಮಕ ಮಾಡಲಾಗಿರುವ ಬಗ್ಗೆ ವಿವರಗಳನ್ನು ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(5) ವಿದ್ಯಾರ್ಥಿ ಪ್ರವೇಶವು ವರ್ಷಕ್ಕೊಮ್ಮೆ ಮಾತ್ರ ಇರತಕ್ಕದ್ದು, ಸರ್ಕಾರ ಅನುಮತಿಸಿರುವುದನ್ನು ಮೀರಿ ಅಧಿಕ ಪ್ರವೇಶಾತಿಯನ್ನು ಮಾಡಿಕೊಂಡಲ್ಲಿ ಸರ್ಕಾರದ ಅನುಮತಿ/ ಮಾನ್ಯತೆಯನ್ನು ರದ್ದುಪಡಿಸಲಾಗುವುದು.

(7) ಅಂತರಾಷ್ಟ್ರೀಯ / ಬಹು ಶಿಸ್ತಿನ ಸಂಶೋಧನೆಯನ್ನು ಉತ್ತೇಜಿಸುವುದು.

(8) ಮೇಲ್ಕಂಡ ಹೊಸ ಕೋರ್ಸಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ವಿನಿಯಮಗಳನ್ನು ಒಂದು ತಿಂಗಳೊಳಗಾಗಿ ರಚಿಸಿಕೊಂಡು, ಈ ಕುರಿತಾದ ಅನುಪಾಲನಾ ವರದಿಯನ್ನು ವಿನಿಯಮಗಳ ಪ್ರತಿಯೊಂದಿಗೆ ಒಂದು ತಿಂಗಳೊಳಗಾಗಿ ಸರ್ಕಾರಕ್ಕೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(9) ಸದರಿ ಹೊಸ ಕೋರ್ಸಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪಠ್ಯಕ್ರಮವನ್ನು ಯುಜಿಸಿ ವಿನಿಯಮಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ನಿಗದಿಪಡಿಸಿಕೊಳ್ಳತಕ್ಕದ್ದು ಹಾಗೂ ಈ ಕುರಿತಾದ ಅನುಪಾಲನಾ ವರದಿಯನ್ನು ಒಂದು ತಿಂಗಳೊಳಗಾಗಿ ಸರ್ಕಾರಕ್ಕೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(10) ರಾಜ್ಯ ಸರ್ಕಾರವು ಕಾಲಕಾಲಕ್ಕೆ ನೀಡುವ ಸೂಚನೆ ಹಾಗೂ ಆದೇಶಗಳನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಪಾಲಿಸತಕ್ಕದ್ದು.

(11) ಸೂಕ್ತ ಕಾರಣ ನೀಡಿ ಅನುಮೋದನೆಯನ್ನು ಹಿಂಪಡೆಯುವ ಹಕ್ಕನ್ನು ಸರ್ಕಾರ ಕಾಯ್ದಿರಿಸಿಕೊಂಡಿದೆ.

(12) ವಿಶ್ವವಿದ್ಯಾನಿಲಯವು ಸಂಬಂಧಪಟ್ಟ ಅಪೆಕ್ಸ್ ಸಂಸ್ಥೆ ಮತ್ತು ಯುಜಿಸಿಯಿಂದ ಅನುಮೋದನೆಯನ್ನು ಪಡೆಯಬೇಕು. ಪಡೆದ ಅನುಮೋದನೆಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಅನುಸರಣೆಯನ್ನು ರಾಜ್ಯ ಸರ್ಕಾರಕ್ಕೆ ಸಲ್ಲಿಸಬೇಕು.

(13) ಅಗತ್ಯ ಷರತ್ತುಗಳನ್ನು ಪೂರೈಸದಿದ್ದರೆ ಈ ಪತ್ರದಲ್ಲಿ ನೀಡಲಾದ ಅನುಮತಿಯನ್ನು ಸರ್ಕಾರವು ಪರಿಶೀಲಿಸುತ್ತದೆ.

(14) 2025-26ನೇ ಶೈಕ್ಷಣಿಕ ವರ್ಷಕ್ಕೆ ಅನ್ವಯವಾಗುವಂತೆ AICTE ವ್ಯಾಪ್ತಿಗೆ ಬರುವ ಕೋರ್ಸುಗಳನ್ನು AICTE ಯ ಅನುಮೋದನೆಯನ್ನು ಪಡೆಯಬೇಕು ಮತ್ತು ಅನುಮೋದನೆಯ ಪ್ರತಿಯೊಂದಿಗೆ ಒಂದು ತಿಂಗಳೊಳಗೆ ಸರ್ಕಾರಕ್ಕೆ ಅನುಸರಣಾ ವರದಿಯನ್ನು ಸಲ್ಲಿಸಬೇಕು.

(15) ಜಿ.ಎಂ. ವಿಶ್ವವಿದ್ಯಾಲಯ ಕಾಯ್ದೆ 2023ರ ಎಲ್ಲಾ ನಿಬಂಧನೆಗಳನ್ನು ಪಾಲಿಸಬೇಕು.

ತಮ್ಮ ನಂಬುಗೆಯ,

(ಕೆ.ಮಂಜುನಾಥ್) 30/4/25

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ,

ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ (ವಿಶ್ವವಿದ್ಯಾಲಯ-2)

30/4/25

**ಇವರಿಗೆ:-**

(1) ಆಯುಕ್ತರು, ಕಾಲೇಜು ಮತ್ತು ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಇಲಾಖೆ.

(2) ಕಾರ್ಯನಿರ್ವಾಹಕ ನಿರ್ದೇಶಕರು, ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್, ನಂ. 30, ಪ್ರಸನ್ನ ಕುಮಾರ್ ಬ್ಲಾಕ್, ಬೆಂಗಳೂರು ನಗರ ವಿಶ್ವವಿದ್ಯಾಲಯ ಆವರಣ, ಮೈ. ರಾಮಚಂದ್ರ ರಸ್ತೆ, ಗಾಂಧಿನಗರ, ಬೆಂಗಳೂರು.

(3) ಮಾನ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಸಚಿವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ, ವಿಕಾಸ ಸೌಧ.

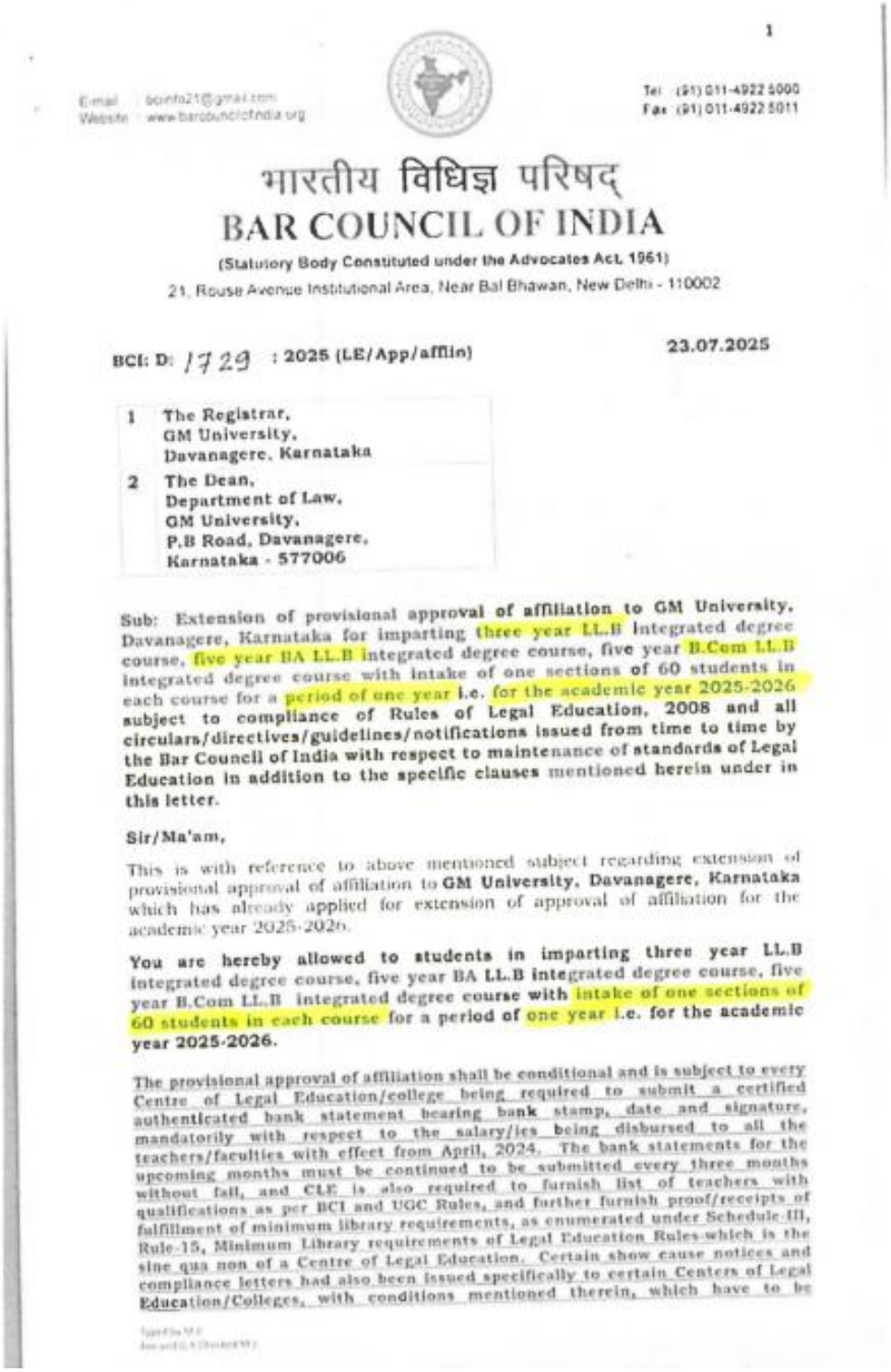
(4) ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ, ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ (ತಾಂತ್ರಿಕ), ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು.

(5) ಕುಲಸಚಿವರು, ಜಿ.ಎಂ. ವಿಶ್ವವಿದ್ಯಾಲಯ, ಪಿ.ಬಿ. ರಸ್ತೆ, ದಾವಣಗೆರೆ – 577006..

(6) ಸರ್ಕಾರದ ಪ್ರಧಾನ ಕಾರ್ಯದರ್ಶಿಯವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ, ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ.

(7) ಇ-ಸಮನ್ವಯಾಧಿಕಾರಿ, (ಜಾಲಾತಾಣದಲ್ಲಿ ಪ್ರಕಟಿಸಲು).

- GM University has submitted application for starting of Law programs with Bar Council of India (BCI) is attested below,





E-mail : bcinfo21@gmail.com
Website : www.barcouncilofindia.org

Tel : (91) 011-4922 5000
Fax : (91) 011-4922 5011

भारतीय विधिज्ञ परिषद्

BAR COUNCIL OF INDIA

(Statutory Body Constituted under the Advocates Act, 1961)

21, Rouse Avenue Institutional Area, Near Bal Bhawan, New Delhi - 110002

BCI: D: 1729 : 2025 (LE/App/affiln) 23.07.2025

1 The Registrar,
GM University,
Davanagere, Karnataka

2 The Dean,
Department of Law,
GM University,
P.B Road, Davanagere,
Karnataka - 577006

**Sub: Extension of provisional approval of affiliation to GM University, Davanagere, Karnataka for imparting three year LL.B integrated degree course, five year BA LL.B integrated degree course, five year B.Com LL.B integrated degree course with intake of one sections of 60 students in each course for a period of one year i.e. for the academic year 2025-2026 subject to compliance of Rules of Legal Education, 2008 and all circulars/directives/guidelines/notifications issued from time to time by the Bar Council of India with respect to maintenance of standards of Legal Education in addition to the specific clauses mentioned herein under in this letter.**

**Sir/Ma'am,**

This is with reference to above mentioned subject regarding extension of provisional approval of affiliation to **GM University, Davanagere, Karnataka** which has already applied for extension of approval of affiliation for the academic year 2025-2026.

**You are hereby allowed to students in imparting three year LL.B integrated degree course, five year BA LL.B integrated degree course, five year B.Com LL.B integrated degree course with intake of one sections of 60 students in each course for a period of one year i.e. for the academic year 2025-2026.**

The provisional approval of affiliation shall be conditional and is subject to every Centre of Legal Education/college being required to submit a certified authenticated bank statement bearing bank stamp, date and signature, mandatorily with respect to the salary/ies being disbursed to all the teachers/faculties with effect from April, 2024. The bank statements for the upcoming months must be continued to be submitted every three months without fail, and CLE is also required to furnish list of teachers with qualifications as per BCI and UGC Rules, and further furnish proof/receipts of fulfillment of minimum library requirements, as enumerated under Schedule-III, Rule-15, Minimum Library requirements of Legal Education Rules which is the sine qua non of a Centre of Legal Education. Certain show cause notices and compliance letters had also been issued specifically to certain Centers of Legal Education/Colleges, with conditions mentioned therein, which have to be

complied too as per the time stipulations therein, and if they have not been complied with they must be complied with immediately.

**Ensure to comply with the aforesaid compliances, otherwise the provisional approval of affiliation being issued herewith may be withdrawn.**

The CLE must comply with these conditions and furnish a duly notarised compliance affidavit with adequate photo/documentary proof in this regard, with all pages of affidavit, annexures, photos, being duly notarised-

Certain specific details are provided herein for your convenience with the approval Committee and they are also specifically required to be complied with by every CLE in view of Rules of Legal Education, 2008 and circulars, guidelines, directives, public notification issued by the Bar Council of India from time to time for maintenance of standards of Legal Education, failing which approval of affiliation granted may be withdrawn and future approval may not be considered:-

## Faculty

As per Rule-16 and Rule-17 of Schedule III of Legal Education Rules, 2008, the minimum requirement for three year LL.B degree course with 1 or 2 section/s is 4 faculty in first year, 6 in second year, 8 by the third year alongwith 1 Principal.

Furthermore, in addition there should be adequate English, Computer teachers in the ratio of 1:40 and there should be 1 qualified librarian. If the strength goes beyond 2 sections, the entire ratio of all faculty members should be 1:40.

Similarly, the minimum requirement for five year integrated degree course with 1 or 2 section/s is 6 in first year, 8 in second year, 10 from third year. Principal will be common.

For specialization or Honours courses, there has to be a minimum of 3 teachers for such specialized course 1 major and 2 minor apart from having English and Computer teacher. Kindly note that these faculty members have to be in the ratio of 1:40 for the years they are studying such subjects during the entire duration of the course.

CLE must ensure that all appointed faculty members undertake Faculty Development Programmes on a regular basis.

The faculty is required to be adequately qualified with minimum 2 year LL.M degree for teaching Law or have any other higher degree for teaching law subjects. The non-law teachers with respect to social science must have a minimum of MA in that particular social science subjects being taught. 1 major and 2 minor social science subjects have to be taught in the 5 years BA Integrated degree course. The principal or equivalent is required to have minimum prescribed qualifications in law prescribed by UGC, and should have minimum 15 years of experience. He/she has to be a Professor in law with Ph.d in law.

They are required to be paid as per salary as per latest UGC pay scale commensurate to their designation as Assistant Professor, Associate Professor and/or Professor.

The ratio of faculty members to students should not be less than 1:40 after the minimum strength of core faculty as per Rule 17 is ensured.

All faculty-Members are to be on a regular basis and to be paid UGC pay scale.

Classroom size and Furnishings

The CLE should ensure to have adequate number of classrooms i.e. 16 classrooms of minimum 750 square feet, to accommodate all batches of students across all years for it's law degree course/s. All classrooms should be of minimum 750 Sq. ft. and refurbished with new, comfortable chairs and benches to ensure a conducive learning environment. Proper size and standard furnishings are necessary to meet the requirements of Rules of legal Education. CLE must ensure that every classroom has light, fan, teacher's podium, teachers chair and teacher's table. There should be mike in large classrooms.

Further advised to create/establish one smart classroom and install the projectors in the class rooms which are without the projector.

Library Enhancements

The institute should invest in acquiring more reference and textbooks of the latest editions of authors of repute. Allocate an annual budget of at least Rs. 10 lakhs for purchasing new reference books, textbooks, and journals. Furthermore, the CLE should establish an e-library by subscribing to reputable e-law journals and acquiring electronic databases of law journals, as specified in the Rules of Legal Education.

-Ensure the library is open for reasonable hours to accommodate student needs.

-Create adequate reading space for students and upgrade the overall infrastructure of the library.

As per Schedule III, provision 4, 6 and 15-A Law Library has have a set of AIR manual, Combo offer of CD of AIR Pvt. Ltd. (containing electronic version of AIR Supreme Court and High Court Data bases Research 1950-2015 (four connections each) Cr. L.J. Data Base 1950-2015(four connections) AIR Privy Council Data Base 1900-1950 (four connections) AIR Manual latest 6th Edition(1-45 Vols.) AIR Journal 2015, Cr. L.J. 2015, L.I.C. 2015, AIR Civil Cases 2015, AIR Law Lines 2015, AIR Cheque Dishonour Reports 2015, AIR Accident Claims and compensation 2015, Institution shall get electronic versions updated every year by AIR Pvt. Ltd. Central Acts and Local Acts, Criminal law journal, SCC, Company cases, Indian Bar Review, selected Judgements on Professional Ethics and Journals with the back volumes for at least ten years and also such number of text books in each subjects taught during the period according to the minimum standard ratio of ten books for each registered students. For running integrated program, textbooks of such other subjects are also to be kept in the similar minimum ratio. CLE must buy separate social science books for their law library. CLE must procure books of good authors and publishers.

The Library has to have adequate space for keeping books, periodicals, and journals. CLE must maintain accession register properly. There should not be any discrepancy in the entries made. Books should be properly arranged

The library shall also have adequate reading space for at least 25% of the enrolled students according to per capita reading space specified by any standard setting bodies like UGC.(Rule 4).

The Library has to have adequate space in the library for computer facility with access to internet and national and international library access and data bases.(Rule 6).

Equip the library with at least 30 computers. As per schedule III clause 9 (b) Computer Education has to be made compulsory for all the students.

**Moot Court Room**

The Moot Court Room must be equipped with all necessary amenities to simulate courtroom proceedings effectively. It should have a dedicated space, distinct from other uses, and adhere to the Bar Council of India norms, including the provision of three wooden Crown Chairs for judges, on judgesdais podiums for counsels, a witness box, and a designated podium for the Registry including Table chairs for court officers (supporting staff). The photograph of dignitaries like Mahatma Gandhi and B.R. Ambedkar should be affixed.

The size of the Moot Court Room should be sufficient to accommodate at least 70 percent of the student and faculty strength, as well as external participants and invitees, ensuring ample space for effective conduct of moot court activities.

The Centre for Legal Education (CLE) shall place the Moot Court Room under the management of a senior faculty member along with a regular practicing advocate from the local courts. They will oversee the organization of moot court activities and maintain comprehensive records of all proceedings and events. CLE to ensure that moot court exercises, in terms of clause 24 of Schedule II, Rule 6 Part II (B) of Rules of Legal Education, 2008 are done on regular basis.

**Legal Aid Clinic**

The Centre for Legal Education (CLE) must strengthen its provision of free legal aid services to the local community in accordance with Clause 11, Schedule III of Rule 11 of the Legal Education Rules, 2008, by ensuring adequate publicity and collaboration with the District Legal Services Authority. The Legal Aid Centre should be strategically relocated to the ground floor near the main entry door for greater accessibility, with prominent signage displayed at both the entrance of the CLE campus and the main entry door, clearly indicating available services and contact information. The centre should be adequately furnished with comfortable seating for visitors and maintain comprehensive records of its activities, including registers and visuals of awareness programs conducted, which should be displayed both inside and outside the Legal Aid Centre to enhance visibility and outreach. CLE to put the LAC under the management of some senior

Professors and to maintain a regular record of all its activities, along with photographs of various activities.

**Common Rooms**

The Centre for Legal Education (CLE) must provide well-furnished, adequately equipped, and separately designated Boys' and Girls' Common Rooms in the Academic Building to ensure enhanced comfort, privacy, and recreational facilities for students. The Girls Common Room should be allocated a spacious and decent room with an attached washroom, drinking water facility, and two beds encircled with curtains for privacy. Both rooms should be furnished with at least 20 comfortable chairs, more tables, a common table, a mirror, a dressing table, and indoor games kits, along with a first-aid kit for emergencies/medical needs.

**Waste Management**

The institution should keep the disposal of wastes management properly. Proper waste management practices must be implemented throughout the College. This includes the installation of dustbins in all classrooms, moot court rooms, common rooms, and staff areas to ensure cleanliness and effective waste disposal.

**Accessibility Improvements**

To accommodate differently abled students and staff, the institution must make necessary provisions, including the construction of ramps, lifts, and the installation of Braille symbols, ensuring compliance with accessibility standards and it should exclusive for Law students, staff and faculty so that it is convenient for the differently abled students considering their right to access.

**Disaster Management and Fire Safety:**

The Centre for Legal Education (CLE) must ensure comprehensive fire safety measures across the campus, including the installation of fire extinguishers in key areas, provision of emergency exit lighting, and strategically placed fire alarms. Additionally, adequate fire prevention and preparedness protocols should be implemented, including regular safety drills and clear emergency evacuation routes to safeguard the well-being of all occupants.

**Anti-Ragging Measures**

The CLE has to ensure strict implementation of a comprehensive anti-ragging framework in accordance with the guidelines issued by the Bar Council of India and the Hon'ble Supreme Court in University of Kerala v. Council of Principals of Colleges [(2009) 4 SCC 741]. The CLE has to ensure the constitution of an Anti-Ragging Committee and Squad with powers to prevent, monitor, and take strict disciplinary action against any act of ragging. The CLE has to ensure that every student submits a mandatory anti-ragging undertaking co-signed by their parent/guardian. The CLE has to ensure the availability of a 24×7 dedicated anti-ragging helpline and an online complaint mechanism. The CLE has to ensure that all incidents, if any, are reported promptly to BCI, the affiliating university, and law enforcement authorities, thereby strictly enforcing zero tolerance, as reaffirmed in Vishwa Jagriti

Mission v. Central Government [(2001) 6 SCC 577]. The CLE has to ensure the conduct of awareness programs, workshops, and seminars, and has to ensure publication of the anti-ragging policy, penalties, and annual statistics on its website, brochures, and campus notice boards.

**Empathy, Counselling, and Kindness Initiatives**

The CLE has to ensure the promotion of a culture of empathy, psychological well-being, and mutual respect among all stakeholders, in line with the Mental Healthcare Act, 2017 and relevant judicial directives. The CLE has to ensure the establishment and effective functioning of a Counselling and Wellness Centre with qualified mental health professionals. The CLE has to ensure the conduct of regular workshops on emotional intelligence, kindness, and inclusivity, and integrate these modules into induction programs. The CLE has to ensure that faculty performance evaluations include parameters related to mentoring quality and supportive conduct. The CLE has to ensure robust grievance redressal mechanisms to address psychological or emotional issues promptly. The CLE has to ensure the adoption of a non-discriminatory and non-judgmental approach across the campus and must undertake periodic audits and establish an Internal Mental Health Oversight Committee to monitor and continuously improve mental health services.

**Student Grievance Redressal Mechanism**

The CLE has to ensure the constitution and effective functioning of a Student Grievance Redressal Cell as per BCI guidelines (BCI:D:2382/2024), comprising senior faculty, administrative representatives, a female faculty member, and student representatives. The CLE has to ensure the maintenance of accessible online and offline grievance submission systems. The CLE has to ensure the maintenance of detailed records of all grievances and timely resolution without any retaliation. The CLE has to ensure submission of annual reports to the governing body and availability of these reports to the BCI during inspections.

**The Common washrooms should have liquid soaps, and mirrors**

**Infrastructure and Exclusive Building Compliance Deficiencies**

CLE must place permanent Name Board outside the main gate and outside the academic building. CLE should have properly demarcated building with proper name board identifying the law college.

**The Common washrooms should have liquid soaps, and mirrors**

✓ ***You may kindly bear in mind that the Bar Council of India is the sole and supreme sanctioning authority for seats and it does not allow any supernumerary quota of seats for law degree courses, over and above the sanctioned strength of seats and whatever reservation of seats is to done by the University under whichever quota as a rule has to be done within sanctioned strength of seats. The only supernumerary quota, as of now permitted by the Bar Council of India, is 10 percent seats in EWS quota over and above the sanctioned strength of seats allotted/approved by BCI and that too, is subject to adequate infrastructure and qualified faculty to accommodate the supernumerary seats. The same is required to be adhered to. If there is any default on such part and the same is discovered subsequently, action shall ensue.***

FOR EXISTING CLE FURTHER ADD If any CLE, has already admitted the same, in violation of the regulations, the CLE would be advised to declare the same voluntarily for consideration of the same in a manner which will not be detrimental to interests of the students admitted, if any, over and above the sanctioned seats as a one time opportunity. The same shall not be construed to be applied prospectively.

✓ The CLE is advised to declare the same voluntarily for consideration of the same in a manner which will not be detrimental to interests of the students admitted, if any, over and above the sanctioned seats as a one time opportunity. The same shall not be construed to be applied prospectively.

- "It is pertinent to point that no University in India can offer a 4 year LL.B or integrated LL.B, followed by a 1 year LL.M in tie up with a foreign University under the present BCI regulations. Such a Law degree, nor the post qualification after it, is recognised by Bar Council of India. The BCI only recognizes the pattern of a 12th class +3 (graduation in any stream+3 (year Law degree) and/or a 12 + 5 year integrated law degree.

- "While exchange programs of teachers and students have been undertaken by Centers of Legal Education including, Law Universities in India, Dual Degrees or joint Degrees with Foreign Universities have not been permitted or recognized by BCI. It is essential to emphasize that any foreign collaboration involving legal education institutions, must strictly adhere to the regulatory framework established by the Bar Council of India. It cannot compromise on the quality of legal education mandated by the BCI It's worth noting that unless a degree is recognized by the BCI in India, it holds no validity within the country. Therefore, a degree obtained from an Indian University, being recognized solely in a foreign jurisdiction, without recognition in India, would be of no consequence to the university or its students.

- "Recognition and approval of law degrees are exclusively within the purview of the Bar Council of India. Consequently, if, upon thorough evaluation it is determined Law degrees are being issued by Universities against the rules and norms of Bar Council of India, recognition of such degree/s shall be withdrawn and such degree holders shall not be entitled to be enrolled in any State Bar Council in India.

- "BCI and it's Legal Education Committee have time and again reiterated, stated and clarified, that it does not recognise LL.B and/or LL.M or any Law degree course through online mode, correspondence, open and/or distance learning mode.

- "It has further come to the attention of the Bar Council of India and its Legal Education Committee that certain institutions are offering Master of Arts (MA) programs with a Law subject, in open and distance learning mode, or online mode which attempts to mimic the structure and content of a Master of Laws (LL.M.) program. Upon careful examination, it has been observed that such an endeavor is beyond the scope and intent of a Master of Arts Degree and is deemed impermissible. It is hereby clarified that such MA degrees will not be recognized by the BCI as equivalent to a Master of Laws (LL.M.) degree and for the purpose of teaching of LL.B. Course.

- *"It is crucial to clarify that the designation "MA" signifies "Master of Arts," whereas "LL.M." represents "Legum Magister," a Latin term denoting a "Master of Laws" Degree. The distinction between these two titles is significant, as an LL.M. degree is specifically tailored for graduates of law programs, whereas an MA degree encompasses a broader range of academic disciplines and is separate and distinguished from Master of Laws Degree. It is a deliberate attempt to bypass LL.M. in such a manner.*

- *"The BCI emphasizes that an MA degree with a Law subject does not confer the same benefits or privileges as an LL.M. degree. Individuals holding an MA degree in Law will not be entitled to the benefits typically associated with possessing an LL.M. degree, nor will they be eligible to teach in LL.B degree programs. Pursuit of legal education at the postgraduate level, in the form of an LL.M. degree, is restricted to individuals who have completed their undergraduate legal studies while it is clarified that any specialized branch of law offered at the master's level, without the LL.B./BA.LLB qualification as the requisite entry-level credential, shall not be recognised as equivalent to an LL.M. degree.*

- *"It is imperative for all stakeholders in the legal education sector to understand that the distinction between an MA degree and an LL.M. degree is significant. An MA degree with a Law subject does not fulfill the requirements for recognition by the BCI as a qualification equivalent to an LL.M. degree.*

- *"This serves to clarify the position of the BCI on the recognition of MA degrees with a Law subject and to prevent any misconceptions regarding their equivalence to LL.M. degrees.*

- *"The BCI and its Legal Education Committee has further also observed that running an MA (with Law subject) by any such mode is an attempt to mimic an LL.M, which is also not permitted by such mode.*

- *"It has also been brought to the notice of Bar Council of India that some entities claiming to be Centre of Legal Education are offering courses through distance education/correspondence mode, under the nomenclature of the degree of LL.M. or LL.M. professional, where anyone even without LL.B. can get an LL.M. degree, and, the same persons are also getting registered for Ph.D., appearing for UGC NET etc. thereby diluting quality of legal education.*

- *"This is an illegal practice and Bar Council of India shall not hesitate in taking stringent action against such centres.*

**RELEVANT SUPREME COURT AND HIGH DIRECTIONS INCLUDED IN ORDERS/JUDGEMENTS AND OTHER RELEVANT ASPECTS ARE AS FOLLOWS**

Recently the Bombay High Court, in its judgment dated 2nd April 2025 in the case of Smt. Nathibai Damodar Thackersey Women's University Law

**School vs. State of Maharashtra & Ors., W.P. No. 1501 of 2019**, reiterated and upheld the statutory powers and duties of the Bar Council of India under the Advocates Act, 1961, particularly in the context of regulating legal education. The petition had challenged several provisions of the Rules of Legal Education, 2008 framed by the BCI, and questioned the authority of the BCI to inspect law colleges affiliated to universities.

The Court emphasized that the BCI has a paramount statutory duty to maintain standards of legal education in the country. It observed, *"From perusal of Sections 7(1)(h), (i), (l) and (m) of the Act of 1961, it is evident that the maintenance of standards of legal education is the paramount statutory duty of the BCI"*. Further, it reaffirmed that the power of inspection is not restricted to universities alone but extends to all Centres of Legal Education, including law colleges affiliated to universities. The Court stated, *"The petitioner law school cannot claim any immunity from inspection by the Bar Council"*.

The judgment clarified the legal interpretation of Section 49(1)(d) of the Advocates Act, 1961, which grants BCI rule-making power to maintain standards in legal education. The Court held that the rule-making power under this section is both general and specific, noting that, *"Section 49(1) confers particular powers without prejudice to generality of general power already conferred and therefore, particular powers are only illustrative of general power and do not in any way restrict the general power"*. This interpretation enabled the Court to uphold the validity of the contested Rules under the 2008 framework, specifically Rules 2(iv)(a), 2(xli)(B), 14, 16(2), 18(2), 19(ii), 19(iii), and 26(a), declaring them intra vires the parent statute.

Importantly, the Court also addressed the relationship between the Advocates Act, 1961, the Maharashtra Public Universities Act, 2016, and the University Grants Commission Act, 1956. It held that where there is a conflict, the Advocates Act prevails, stating, "Even assuming that there is an inconsistency between the provisions of the Act of 2016 and the Act of 1961, the provisions of the Act of 1961 will prevail as they have been enacted by the Parliament"

The Court dismissed the petition and upheld the BCI's authority to regulate and inspect law colleges, reinforcing that the statutory framework established by the Advocates Act, 1961 and the Rules of Legal Education, 2008 are legally sound and necessary for maintaining the quality of legal education in India. It stated unequivocally, *"The challenge made in the petition to the Rules of 2008 being ultra vires the parent Act is without any basis"*.

**The Kerala High Court in the case of Indira Gandhi Memorial Trust Vs. State of Kerala, W.P. (Civil) No. 34303/2023 vide its order dated 12th December,**

2023 *held that if a College intends to start a course during the academic year 2023-24, the application before the Bar Council has to be submitted before 31.12.2022In effect, if an affiliation is granted by the University for a particular academic year, beyond such timeline, the same cannot be produced before the Bar Council of India for starting the course in the very same academic year going by the time schedules that are kept by the Bar Council of India.*

*The Hon'ble court directed the University to extend the affiliation dated 20.07.2023 issued for the academic year 2023-24 to be valid for the academic year 2024-25 and comply with the time schedules that are kept by the Bar Council of India.*

*Therefore, in view of the above, universities are directed to adhere to the above timeline or to any timeline notified by the Bar Council of India before each academic year for providing affiliation to any Centre of Legal Education.*

**The Division Bench of the Hon'ble High Court of Mumbai at Nagpur, in the Writ PetitionNumber 1114/2018 vide Judgment dated 08.04.2020 in re RashtrasantTukdoji Maharaj Nagpur University and others vs. State of Maharashtra and others (AIR 2020 Bom 135),** *upheld the constitutional validity of Rule 2(xxiv)"Regular Approval" means approval for not more than five years and includes permanent approval earlier granted to any Centre of Legal Education before these Rules come into force.*

*The Court observed that approval of educational institutions is procedural, and the approval granted is in the nature of an existing right rather than a vested right. Legal education, the Court noted, is a dynamic process that requires maintaining standards, which cannot be confined to any time frame or remain static.*

**In Bar Council of India v. Board of Management, Dayanand College of Law, Appeal (Civil) Nos. 5301-5302 of 2001 (decided on 28th November 2006), reported in (2007) 2 SCC 202, the Hon'ble Supreme Court categorically** *held that only individuals possessing a degree in law are eligible to serve as the head of a law college, thereby overruling the High Court's decision which had upheld the appointment of a Principal without a law qualification. The Court unequivocally affirmed that the Bar Council of India, as the apex statutory body under the Advocates Act, 1961, is entrusted to maintain standards of the legal profession and of those who seek entry into that profession. The Supreme Court emphasized that this authority cannot be overridden by university statutes or local regulations, reiterating that the BCI's regulatory mandate*

*extends beyond enrolment to encompass the entire educational pipeline leading to entry into the legal profession.*

**Supporting this position, the Punjab & Haryana High Court in Shruti Bedi & Ors. v. Panjab University & Ors., CWP 13091 of 2023 (decided on 22.11.2023), explicitly** *held that the head of a Centre of Legal Education must be a law teacher with at least fifteen years of teaching experience and a Ph.D. in Law, in strict adherence to Rule 16 of the Bar Council of India Rules of Legal Education, 2008. The High Court further clarified in para 33 that once the Director exercises academic and financial powers, the post cannot be deemed honorary or ceremonial, and thus cannot be occupied by a person without a legal background. Additionally, para 23, the Court invoked Rule 16 of the BCI Rules to underscore that this requirement is not merely academic but statutory, flowing from the Advocates Act, 1961 and enforced through BCI's regulatory framework. The Supreme Court in Dayanand further opined that the BCI's role cannot be considered to be taken away by the Universities Acts, thereby confirming that compliance with BCI norms is mandatory and binding.*

*Together, these landmark judgments firmly establish that appointments, leadership roles, and governance structures within legal education must rigorously conform to standards prescribed by the Bar Council of India, underscoring the indispensable role of BCI in safeguarding the quality, integrity, and constitutional objectives of legal education in India. Any deviation, undermines the statutory mandate and invites legal consequences*

**The Madhya Pradesh High Court has recently on 07.03.2025 in Vyom Garg Case**, which pertains to enrolment of those candidates who have obtained their degree from CLEs not approved/recognised by Bar Council of India, passed an order deterring malpractices and administrative laxity by Centers of Legal Education, it has held that Institutions found enrolling students without valid BCI approval now face the real threat of criminal prosecution. CLEs are now under clear judicial warning to comply strictly with BCI norms, including timely fee payments and adherence to affiliation and approval of affiliation by BCI procedures. Failure to comply not only results in loss of recognition but also exposes the institutions to legal consequences and reputational damage. This, stresses on disciplined legal education governance, with zero tolerance for institutions that jeopardize students' futures through non-compliance of BCI Rules of Legal Education Rules.

**The Hon'ble Supreme Court in the case of Bar Council of India Vs. Rabi Sahu, Civil Appeal No. 8571/2013 vide its order dated 9th June, 2023** *has held that in view of the Bar Council of India Rules, Part IV-*

*Rules of Legal Education, 2008 prescribed by Bar Council of India, only graduates from recognized/approved Centres of Legal Education (Universities, University Departments, Constituent Units, Colleges etc.) by the Bar Council of India can be enrolled as advocates*

**As per the order of the Hon'ble Supreme Court of India dated 29.08.2019 passed in Writ Petition (Civil) No.1510 of 2018, titled as Vinit Garg Vs. University Grants Commission and as per the earlier order of Hon'ble Supreme Court of India dated 03.11.2017 passed in Civil Appeal Nos.17869-17870, arising out of SLP No. 19807-19808/2012 in the case of Odisha Lift Irrigation Corp Ltd. Vs Ravi Shankar Patro & Ors.,** *the Hon'ble Supreme Court has held that an University has to obtain permission from the concerned regulatory body for initiating/starting, opening and conducting any distance learning course/s.*

*As per UGC Regulations 4(A)(iv), (Open and Distance Learning Programmes & Online Programmes) Regulations, 2020, the Higher Educational Institution must have the approval or recommendations of the statutory or regulatory authority, in this case, the Bar Council of India (BCI), for offering law programs in Open and Distance Learning mode or Online mode.*

*Explanation: Programmes as mentioned at clause (iv) shall be considered only when these are recommended by the respective statutory or regulatory authority or regulatory council to offer in Open and Distance Learning mode or Online mode, as applicable....."*

*Furthermore, the Distance Education Bureau under UGC explicitly prohibits courses in engineering, law, medicine, dental, pharmacy, nursing, architecture, physiotherapy, applied arts, and other such programs from being offered through online mode without approval from the respective statutory or regulatory bodies.*

- *Some Universities, including some reputed Universities are running such programs in flagrant violation of clear directives and guidelines as stipulated above and without even having made a request or application to BCI in this regard. It is categorically made clear, such programs have no recognition and/or approval from BCI.*

- *CLE's must ensure to comply with these directives, failing which necessary action will ensue.*

## Conditions/Rules of Legal Education

A. Centre of Legal Education (CLE) as defined under the Rules of Legal Education stands for the following and is being reproduced below for convenience:

*"Centres of Legal Education" means (a) All approved Departments of Law of Universities, Colleges of Law, Constituent Colleges under recognized Universities and affiliated Colleges or Schools of law of recognized Universities so approved.*

*Provided that a Department or College or Institution conducting correspondence courses through distance education shall not be included.*

B. The Centre of Legal Education is directed to ensure compliance of the conditions stipulated above and also comply with Legal Education Rules 2008, failure of which may lead to subsequent necessary and proper action being taken in this regard :-

1. The Centre of Legal Education is directed to ensure establishment and continuance of a Legal Aid Centre as per Clause-11, Schedule-III of Rule-11 of the Part-IV of the Legal Education Rules – 2008. CLE should keep activated Legal Aid Clinic.

2. Centre of Legal Education must ensure to teach clinical subjects and give marks as per the schedule.

3. Centre of Legal Education should ensure the payment of salary to teachers as per Rules 22 schedule III, Part IV of BCI Rules.

4. The Centre of Legal Education should keep in mind that minimum 10 sets of Indian Bar Review, selected judgments and professional Ethics published by Bar Council of India Trust and the AIR volumes/set must be promptly ordered for the library if not already ordered, as it is an essential requirement to run a law college which is stipulated by Bar Council of India, Legal Education Rules 2008 framed under a Parliament Act.

5. The Center of Legal Education is directed to make a minimum investment as provided below for upgrading it's library as per the following guideline :-

*"Today with the increasing cost of journals, books, wi-fi, e library and online facilities including I.T. facilities, the minimum investment by each university should be Rs. 10 lakhs for each year. However for any university/deemed university in rural area, the investment should be Rs. 5 Lakh and for all other affiliated colleges in the urban area it should be Rs. 2 lakhs and in rural area it should be Rs. 1 lakh."*

6. Teacher Student ratio shall be 1:40

7. Centre of Legal Education is directed to conduct the classes within the stipulated the timings of the classes i.e. between 8 am to 7 pm for a continuous period of 5 hours with an half hour break in between

8. Centre of Legal Education must ensure that not less than three percent seats are reserved for persons with disabilities

9. Centre of Legal Education shall equip itself to provide appropriate facilities in terms of the physical infrastructure, academic infrastructure and any other facilities required for the effective participation of disabled/differently abled students, teachers and staff in their respective activities. For e.g. (a) ramps in public buildings and (b) Braille symbols and auditory signals in elevators or lifts.

C. Further, the Centre of Legal Education should maintain the timing which has to be minimum 5 ½ hours with half an hour break.

Rule (xxiii), Chapter I

"(xxiii) "Regular Course of Study" means and includes a course which runs for at least five hours a day continuously with an additional half an hour recess every day and running not less than thirty hours of working schedule per week."

Rule 5 of Schedule III

"Classes may be conducted between 8 a.m. to 7 p.m. in a Centre of Legal Education, which is not fully residential. However the Library may remain open till 10 p.m."

✓D. Further, the Centre of Legal Education should follow the attendance rule and file affidavit that they are following the aforesaid and below mentioned rule. The next inspection team shall also see whether the said rules are being followed by the university or not. The relevant Rule 12 is given below:-

***"12. End Semester Test: No student of any of the degree program shall be allowed to take the end semester test in a subject if the student concerned has not attended minimum of 70% of the classes held in the subject concerned as also the moot court room exercises, tutorials and practical training conducted in the subject taken together.***

***Provided that if a student for any exceptional reasons fail to attend 70% of the classes held in any subject, the Dean of the University or the Principal of the Centre of Legal Education, as the case may be, may allow the student to take the test if the student concerned attended at least 65% of the classes held in the subject concerned and attended 70% of classes in all the subjects taken together. The similar power shall rest with the Vice Chancellor or Director of a National Law University, or his authorized representative in the absence of the Dean of Law.***

***Provided further that a list of such students allowed to take the test with reasons recorded be forwarded to the Bar Council of India."***

**E. Centre of Legal Education should also admit students as per the below mentioned Rule:**

7.Minimum marks in qualifying examination for admission: Bar Council of India may from time to time, stipulate the minimum percentage of marks not below 45% of the total marks in case of general category applicants, 42% for OBC category and 40% of the total marks in case of SC and ST applicants, to be obtained for the qualifying examination, such as +2 Examination in case of Integrated Five Years' course or Degree course in any discipline for Three years' LL.B. course, for the purpose of applying for and getting admitted into a Law Degree Program of any recognized University in either of the streams.

Provided that such a minimum qualifying marks shall not automatically entitle a person to get admission into an institution but only shall entitle the person concerned to fulfill other institutional criteria notified by the institution concerned or by the government concerned from time to time to apply for admission.

**F. Centre of Legal Education** to follow Clause-24, Schedule-II of Legal Education Rule-2008 lays down Moot Court exercises and Internship; Clause-25, Schedule-III lays down Minimum period of Internship which is quoted hereunder.

***(i) 24. Moot court exercise and Internship:***

***This paper may have three components of 30 marks each and a viva for 10 marks.***

***(a)*** *Moot Court (30 Marks): Every student may be required to do at least three moot courts in a year with 10 marks for each. The moot court work will be on assigned problem and it will be evaluated for 5 marks for written submissions and 5 marks for oral advocacy.*

**(b)** Observance of Trial in two cases, one Civil and one Criminal (30 marks):

Students may be required to attend two trials in the course of the last two or three years of LL.B. studies. They will maintain a record and enter the various steps observed during their attendance on different days in the court assignment. This scheme will carry 30 marks.

**(c)** Interviewing techniques and Pre-trial preparations and Internship diary (30 marks):

Each student will observe two interviewing sessions of clients at the Lawyer's Office/Legal Aid Office and record the proceedings in a diary, which will carry 15 marks. Each student will further observe the preparation of documents and court papers by the Advocate and the procedure for the filing of the suit/petition. This will be recorded in the diary, which will carry 15 marks.

**(d)** The fourth component of this paper will be Viva Voce examination on all the above three aspects. This will carry 10 marks.

**(ii) 25. Minimum Period of Internship: (a)** Each registered student shall have completed minimum of twelve weeks internship for Three Year Course stream and twenty weeks in case of Five Year Course stream during the entire period of legal studies under NGO, Trial and Appellate Advocates, Judiciary, Legal Regulatory authorities, Legislatures and Parliament, Other Legal Functionaries, Market Institutions, Law Firms, Companies, Local Self Government and other such bodies as the University shall stipulate, where law is practiced either in action or in dispute resolution or in management.

Provided that internship in any year cannot be for a continuous period of more than Four Weeks and all students shall at least gone through once in the entire academic period with Trial and Appellate Advocates.

**(b)** Each student shall keep Internship diary in such form as may be stipulated by the University concerned and the same shall be evaluated by the Guide in Internship and also a Core Faculty member of the staff each time. The total mark shall be assessed in the Final Semester of the course in the 4th Clinical course as stipulated under the Rules in Schedule II.

## G. Centre of Legal Education should also follow Rule-10 of Legal Education Rules 2008 which is quoted hereunder:

**10. Semester system**

The course leading to either degree in law, unitary or an integrated double degree, shall be conducted in semester system in not less than 15 weeks for unitary degree course or not less than 18 weeks in double degree integrated course with not less than 30 class-hours per week, including tutorials, moot court, room exercise and seminars provided there shall be in least 24 lecture hours per week.

Provided further that in case of specialized and/or honours law courses there shall be not less than 36 class-hours per week including seminar, moot court and tutorial classes and 30 minimum lecture hours per week.

Provided further that Universities are free to adopt trimester system with appropriate division of courses per trimester with each of the trimester not less than 12 weeks.

## H. Centre of Legal Education should also follow Rule 17 and Rule 18 of Schedule III of Legal Education Rules 2008 which is quoted hereunder :-

(I) **Rule 17. Core Faculty:**

*There shall be sufficient number of full time faculty members in each Centre of Legal Education (i.e., Department, constituent or affiliated college ) to teach each subject at all point of time for running courses who can be supported by part time or visiting faculty. Such a core faculty shall in no case be less than six in the first year of the approval with both streams in operation, eight in the second year and ten in the case of third year of law courses. In addition, for the integrated course qualification as is required under the UGC guideline or under such other standard setting body as the discipline is allotted to by any Act, statute, or Rules of the Government of India or of a State.*

*For the Three Year Bachelor of Law degree course only with two sections without the Honour program, there shall be minimum of 4 core faculty in the first year six in the second and eight in the third year in addition to the Principal/ Head or Dean as the case may be.*

*Provided that an institution intending to run any specialized or honours course must have at least three faculties in the group in which specialization and honours courses are offered.*

*Provided further that each full time faculty shall take as many classes in the subject or subjects as may be assigned to them on the basis of standard prescribed by 'the standard setting institution' like UGC.*

*Provided further, if any institution of a University, which was already affiliated to the University and approved to run professional courses of either scheme or both by the Bar Council of India after inspection of the University, falls short of required full time faculty, the new admission in courses may be required to remain suspended until new required number of faculty is procured. The University shall before starting a new academic session, notify which institutions are only be allowed to admit fresh students.*

*Provided further that if while inspecting the University it was found that in any institution of the University adequate number of full time faculty was not there in the staff, the Bar Council after giving notice to the University might give a public notice directing the University not to admit students in the new academic year in that institution.*

*There shall be adequate faculty in the subjects offered in the liberal educational subjects as part of the course by the institution. These faculties in the liberal educational discipline in Arts, Science, Management, Commerce, Engineering, Technology or any other discipline shall possess.*

(II) **Rule -18 Minimum weekly class program per subject (paper):.**

*There shall be for each paper (with 4 credit) four class hours for one hour duration each and one hour of tutorial/ moot court/ project work per week.*

## *AFFIDAVIT*

IF THE ABOVE MENTIONED COMPLIANCES SPECIFIC CONDITIONS AND CONDITIONS MENTIONED ABOVE INCLUDING *SPECIFIC DETAILS (NOTE: A TO H & COURT JUDGEMENTS/ORDERS)* ARE NOT DULY COMPLIED WITH, THEN IT WOULD NOT BE POSSIBLE TO MAINTAIN AND POSSIBLY EXTEND ITS APPROVAL OF AFFILIATION STATUS.

AN AFFIDAVIT/UNDERTAKING WHICH IS DULY NOTARIZED BY NOTARY THAT THE CENTRE OF LEGAL EDUCATION IS COMPLYING WITH THE ABOVE STIPULATED NORMS, RULES, REGULATIONS AND MANDATORY GUIDELINES OF BAR COUNCIL OF INDIA AS WELL AS WITH ALL THE ENUMERATION STIPULATED IN THE ATTACHED CIRCULARS(WITH THIS LETTER) BEARING NOS. BCI: D: 465/2024 DATED 24.01.2024(ANNEXURE-A), BCI: D: 468/2024/CIR-006/2024(LE) DATED 20.05.2024 (ANNEXURE-B), BCI: D: 469/2024(LE/CIR.007) DATED 21.05.2024 (ANNEXURE-C) AND BCI:D:525/2024 (LE CIRCULAR NO. 008/2024) DATED 30.05.2024 (ANNEXURE-D), BCI:D:525/2024 (LE CIRCULAR NO. 008/2024) DATED 30.05.2024(ANNEXURE-E) and BCI:D2346/2025 Dated 05.04.2025 (ANNEXURE-F) MUST BE SUBMITTED TO THE BAR COUNCIL OF INDIA WITHIN 15 DAYS OF THE RECEIPT OF THIS LETTER BY WAY OF HARDCOPY AND ALSO BY WAY OF SCANNED COPY AT COMPLIANCEAFFILIATION.LE2@GMAIL.COM WITH HEADING-COMPLIANCE TO PROVISIONAL APPROVAL-REQUIREMENTS. NON-COMPLIANCE OF THE SAME SHALL RESULT IN NECESSARY ACTION. Other circulars are being attached to the email kindly ensure to submit affidavit of complying with same too.

THEREAFTER COMPLIANCE HAS TO BE DONE AT THE EARLIEST, WITHIN A PERIOD OF 6 MONTHS OR EARLIER FROM THE DATE OF RECEIPT OF THIS LETTER AND/OR BEFORE COMMENCEMENT OF THE ACADEMIC SESSION 2025-2026 FOR ALL CONDITIONS.

IT IS MADE CLEAR THAT IF THE CENTRE OF LEGAL EDUCATION, DOES NOT COMPLY TO ABOVE, THEN THEIR APPLICATION FOR FURTHER EXTENSION OF APPROVAL SHALL NOT BE CONSIDERED.

PLEASE BE AWARE THAT COMPLIANCE WITH ALL CONDITIONS AND THE RULES OF LEGAL EDUCATION IS MANDATORY. ANY DISCOVERED SHORTCOMINGS OR DEFICIENCIES, INCLUDING THOSE DETECTED FROM PORTAL REGISTRATIONS AND FORMS, MAY LEAD TO THE WITHDRAWAL OF APPROVAL GRANTED TO THE CLE. SUCH DEFICIENCIES WILL ALSO RENDER THE CLE INELIGIBLE TO ADMIT STUDENTS IN THE NEXT ACADEMIC SESSION.

THE CLE IS SPECIFICALLY REQUIRED TO FURNISH APPOINTMENT LETTERS, PROOF OF REGULAR SALARY PAYMENT (AS PER UGC SCALE) AND QUALIFICATION DOCUMENTS FOR EACH NEWLY APPOINTED FACULTY. THE CLE MUST SUBMIT COMPLIANCE REPORTS, DULY NOTARISED, DETAILING PHYSICAL INFRASTRUCTURE, LIBRARY ACQUISITIONS AND FACULTY APPOINTMENTS. THESE REPORTS SHALL BE REVIEWED BY THE STANDING

COMMITTEE AND FAILURE TO REPORT OR FALISFICATION OF RECORDS SHALL ATTRACT NECESSARY ACTION.

ADDITIONALLY, THE CLE MAY RECEIVE FURTHER COMPLIANCE DIRECTIVES AND MAY BE SUBJECT TO BOTH SURPRISE AND SCHEDULED INSPECTIONS TO CHECK THE STATUS OF COMPLIANCE OF THE CONDITIONS MENTIONED HEREIN AND COMPLIANCE OF ALL RULES OF LEGAL EDUCATION AND OF THE CIRCULARS ETC BEING ISSUED FROM TIME TO TIME BY BCI AND IN ORDER TO MAINTAIN THE CLE'S APPROVAL OF AFFILIATION, AND FURTHER TO CHECK WHETHER THE CLE IS ENSURING FULL ADHERENCE TO ALL RULES AND REGULATIONS OF LEGAL EDUCATION.

- UNIVERSITIES WHO HAVE NOT YET COMPLETED ONE TIME ONLINE REGISTRATION ON THE BASIS OF THE LINK/S SENT ON THEIR OFFICIAL EMAIL IDS ARE REQUIRED TO FILL THE REGISTRATION FORM, & UPLOAD REGISTERED DOCUMENTS AND PHOTOGRAPHS IMMEDIATELY, FAILING WHICH APPROPRIATE ACTION WILL ENSUE.

  THE COMPLIANCES AND PENDING FEE/ ANY OTHER FEE WHICH MAY BE PAYABLE IN FUTURE MAY BE KINDLY ENSURED TO BE COMPLIED WITH AS AND WHEN INTIMATED IN THE FUTURE.

- NOTE - KINDLY ENSURE TO SUBMIT ENGLISH TRANSLATION OF ALL DOCUMENTS BEING FURNISHED BY YOU IN HINDI OR IN ANY OTHER REGIONAL LANGUAGE TO BCI.

- Note- In accordance with the Council resolution passed on February 20, 2022, the refundable guarantee amount per course, is set at Rs. 5 lakh. Additionally, (C.L.E.'s) who had previously deposited a guarantee fee of Rs. 2 lakhs are now required to pay the remaining Rs. 3 lakhs to meet the total guarantee fee of Rs. 5 lakhs for a single course. For each additional course, the guarantee fee stands at Rs. 5 Lakhs per course.

- Very Important: - Please, henceforth ensure to send any compliance affidavit/reply and affiliation orders separately to complianceaffiliation12@gmail.com, apart from copying it to dlcbci@gmail.com Please do not send any email/s to proledepartment@gmail.com

For any other query/ies you may send e-mail/s to dlcbci@gmail.com

## NOTE

Public Meeting for Legal Education related Matters will be held from Monday to Thursday every week between 3.00 p.m. to 4.30 p.m. only at BCI office at 21 Rouse Avenue Institutional

Area, New Delhi 110002 (2nd floor, Conference room) with Chancellor, Vice Chancellor, Pro-Vice-Chancellor, Registrar, Director, Dean, Principal, Academician/Permanent Faculty of Law, Head of Department, /Member of Society/or Trust which has established the CLE, administrative personnel, attached to(permanently working with Center of Legal Education) and/ Society Registration documents and/or with owners whose name should be documented in Trust Deed. All

should carry CLE photo id cards as well as Aadhar/PAN/Passport for identity along with authority letter from authorised personnel like VC, Registrar, Dean, Principal or owner whose Identity should be clear from documents like Trust Deed, Society Registration papers, Photo Ids referred to above.

Authority letter has to bear original signature as on Govt. id like PAN Card/Passport, FULL NAME, DESIGNATION, MOBILE NUMBER AND EMAIL ID of person issuing authority letter as well as of person who is being issued authority letter.

No agents/touts or unauthorised personnel shall be entertained at any cost.

All visitors will have to fill the following form with attachments before the meeting.

On behalf of BCI, the meeting will be attended by Principal Secretary Mr. .Srimanto Sen and/or Mr. Nalin Raj Chaturvedi, Additional Secretary and/or in absence of one/both of them by Mr. Awanish Kumar Pandey, Additional Secretary.

No other BCI employee is authorised to discuss Legal Education Related Matters.

To ensure the integrity and quality of legal education, it is essential to prevent unauthorized personnel, agents and touts from interfering in academic and administrative matters. Unauthorized interference often leads to misinformation and compromises the standards of legal education. Therefore,

ONLY SENIOR AND AUTHORISED PERSONNEL AS MENTIONED ABOVE WILL BE ENTERTAINED.

Your cooperation is required to maintain transparency and uphold the highest standards in legal education. This measure is in the best interest of all stakeholders and aims to promote an environment conducive to the betterment of legal education.

This is for your information, necessary compliance and action.

Yours sincerely,

Nalin Raj Chaturvedi
Additional Secretary

Srimanto Sen
Principal Secretary

Typed by M.J.
Fair and G.A. Checked by J.J.

**Appendix-XI**

**Course(s) being run that are not specified under section 22 of the UGC Act, 1956**

GM University is not running any programs that are not specified under section 22 of the UGC Act, 1956.

**Appendix- XII**

**Details about any Complaints Received**

| SL No | Name of the complainant | Complaint against | Date of complaint | Action taken by theUniversity |
|---|---|---|---|---|
| **So far, no complaints have been recorded. https://gmu.ac.in/Grievances** | | | | |

## Appendix-XIII

## Details of teaching staff

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Dr. SANJAY PANDE M B | CSE | PROFESSOR | 57 Years | B.E, MTech, Ph. D., MBA | 24 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 2 | Dr. SHIVANAGOWDA G M | CSE | PROFESSOR | 47 Years | B.E, MTech, Ph. D. | 21 YEARS | 18/10/2023 | Full Time | Regular | |
| 3 | SANTOSHKUMAR MAHENDRAKAR | CSE | ASSOCIATE PROFESSOR | 46 Years | BE, M. Tech., (Ph.D) | 22 YEARS | 01/05/2025 | Full Time | Regular | |
| 4 | NAYANA K | CSE | ASSOCIATE PROFESSOR | 39 Years | B.E, MTech. | 15 YEARS | 01/05/2025 | Full Time | Regular | |
| 5 | CHETHAN CHANDRA S BASAVARADDI | CSE | ASSOCIATE PROFESSOR | 36 Years | B.E, MTech, Ph. D. | 13 YEARS | 01/04/2025 | Full Time | Regular | |
| 6 | KAVYASHREE P N | CSE | ASSISTANT PROFESSOR | 30 Years | B.E, MTech. | 4 YEARS | 01/05/2025 | Full Time | Regular | |
| 7 | RANJITHA D S | CSE | ASSISTANT PROFESSOR | 27 Years | B.E, MTech. | 2 YEARS | 01/05/2025 | Full Time | Regular | |
| 8 | NANDITHA G | CSE | ASSISTANT PROFESSOR | 27 Years | B.E, MTech. | 2 YEARS | 01/05/2025 | Full Time | Regular | |
| 9 | RAVINANDHAN R JANNU | CSE | ASSISTANT PROFESSOR | 27 Years | M C A | 1 YEARS | 01/08/2024 | Full Time | Regular | |
| 10 | Dr. VEERAGANGADHARA SWAMY T M | ISE | PROFESSOR | 53 Years | B.E, MTech, Ph. D. | 20 YEARS | 01/05/2025 | Full Time | Regular | |
| 11 | Dr. NEELAMBIKE S | ISE | ASSOCIATE PROFESSOR | 43 Years | B.E, MTech, Ph. D. | 17 YEARS | 01/05/2025 | Full Time | Regular | |
| 12 | TEJASVI KATTIMANI T R | ISE | ASSISTANT PROFESSOR | 43 Years | B.E, MTech. | 19 YEARS | 01/05/2025 | Full Time | Regular | |
| 13 | NIVEDITHA N M | ISE | ASSISTANT PROFESSOR | 33 Years | B.E.(CSE), M. Tech.(CSE) | 5 YEAR(S) | 23/09/2024 | Full Time | Regular | |
| 14 | NISHA K | ISE | ASSISTANT PROFESSOR | 35 Years | B.E(CSE), M. Tech.(CSE) | 4 YEAR(S) | 12/04/2024 | Full Time | Regular | |
| 15 | POOJA M V | ISE | ASSISTANT PROFESSOR | 27 Years | B.E, MTech. | 2 YEARS | 01/05/2025 | Full Time | Regular | |
| 16 | SRIJAN ROY | ISE | ASSISTANT PROFESSOR | 26 Years | B.Tech.(CSE), M. Tech.(CSE) | 1 YEARS | 06/06/2024 | Full Time | Regular | |
| 17 | Dr. ASHA K | AIML | ASSOCIATE PROFESSOR | 47 Years | B.E, MTech, Ph. D. | 16 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 18 | Dr. NASREEN TAJ M B | AIML | ASOCIATE PROFESSOR | 42 Years | B.E, MTech, Ph. D. | 17 YEARS | 01/05/2025 | Full Time | Regular | |
| 19 | KEERTHI PRASAD G | AIML | ASSISTANT PROFESSOR | 46 Years | B.E, MTech | 15 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 20 | PRAVEEN R | AIML | ASSISTANT PROFESSOR | 42 Years | B.E., M. Tech. (CSE) | 8 YEAR(S) | 01/05/2025 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 21 | AKSHATHA A M S | AIML | ASSISTANT PROFESSOR | 32 Years | B.E, MTech | 3 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 22 | SHILPA R NARAYANPUR | AIML | ASSISTANT PROFESSOR | 40 Years | B.E, MTech | 3 YEARS | 01/03 /2024 | Full Time | Regular | |
| 23 | MUKTA PUJAR | AIML | ASSISTANT PROFESSOR | 28 Years | B.E, MTech | 3 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 24 | CHAITRA A | AIML | ASSISTANT PROFESSOR | 32 Years | B.E (EEE), MTech. (Control Systems) | 1 YEAR(S) | 01/08 /2024 | Full Time | Regular | |
| 25 | VEENA C S | AIML | ASSISTANT PROFESSOR | 25 Years | BCA, MCA | 1 YEAR(S) | 09/08 /2024 | Full Time | Regular | |
| 26 | NAYANA C M | AIML | ASSISTANT PROFESSOR | 25 Years | BCA, MCA | 1 YEAR(S) | 21/08 /2024 | Full Time | Regular | |
| 27 | JAYALAKSHMI M | AIML | ASSISTANT PROFESSOR | 29 Years | B.E.(E&C), MTech (VLSI DESIGN) | 1 YEAR(S) | 03/10 /2024 | Full Time | Regular | |
| 28 | IMRAN KHAN | DS/IoT | ASSISTANT PROFESSOR | 42 Years | B.E, MTech | 15 YEARS | 01/05 /2025 | Full Time | Regular | |
| 29 | FIROZ KHAN | DS/IoT | ASSISTANT PROFESSOR | 38 Years | B.E, M. Tech., (Ph.D) | 14 YEARS | 01/05 /2025 | Full Time | Regular | |
| 30 | ASHWINI G T | DS/IoT | ASSISTANT PROFESSOR | 36 Years | B.E. (ISE), M. Tech. (CSE) | 4 YEARS | 15/07 /2024 | Full Time | Regular | |
| 31 | YASHODA M S | DS/IoT | ASSISTANT PROFESSOR | 24 Years | BCA,MCA | 1 YEAR(S) | 05/10 /2024 | Full Time | Regular | |
| 32 | SHANKARAYYA SHASTRI | CC/BS | ASSOCIATE PROFESSOR | 46 Years | B.E, MTech, Ph. D. | 18 YEARS | 01/05 /2025 | Full Time | Regular | |
| 33 | SANDEEPA G S | CC/BS | ASSOCIATE PROFESSOR | 42 Years | B.E, MTech, (Ph. D.) | 16 YEARS | 01/05 /2025 | Full Time | Regular | |
| 34 | SANDYA R SAVANUR | CC/BS | ASSOCIATE PROFESSOR | 42 Years | B.E, MTech., (Ph. D.) | 9 YEARS | 01/05 /2025 | Full Time | Regular | |
| 35 | SOUMYA YATTINAHALLI | CC/BS | ASSISTANT PROFESSOR | 32 Years | B.E, MTech. | 3 YEARS | 01/05 /2025 | Full Time | Regular | |
| 36 | USHA T M | CC/BS | ASSISTANT PROFESSOR | 25 Years | MCA | 1 YEARS | 23/09 /2024 | Full Time | Regular | |
| 37 | ARPITHA K V | CC/BS | ASSISTANT PROFESSOR | 23 Years | MCA | YEAR(S) | 23/09 /2024 | Full Time | Regular | |
| 38 | RAKSHA K | CC/BS | ASSISTANT PROFESSOR | 24 Years | MCA | YEAR(S) | 23/09 /2024 | Full Time | Regular | |
| 39 | Dr. PRAKASH K | CY/IY | PROFESSOR | 52 Years | MCA, M. Phill, Ph. D. | 26 YEARS | 04-08-2025 | Full Time | Regular | |
| 40 | Dr. ARUNA KUMAR B T | CY/IY | ASSOCIATE PROFESSOR | 48 Years | B.E, MTech, Ph. D. | 17 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 41 | KOTRESHI S N | CY/IY | ASSISTANT PROFESSOR | 42 Years | B.E., M. Tech. | 20 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 42 | KUMAR S | CY/IY | ASSISTANT PROFESSOR | 38 Years | B.E.(ISE), MTech (CSE) | 5 YEARS | 10/10 /2024 | Full Time | Regular | |
| 43 | RACHANA P G | CY/IY | ASSISTANT PROFESSOR | 35 Years | B.E, MTech, Ph. D. | 2 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 44 | NAYANA M R | CY/IY | ASSISTANT PROFESSOR | 26 Years | BCA, MCA | 1 YEARS | 05/10 /2024 | Full Time | Regular | |
| 45 | Dr. PRAVEEN J | ECE | PROFESSOR | 48 Years | B.E, MTech, Ph. D. | 24 YEAR(S) | 01/05 /2025 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 46 | Dr. KAVITHA K J | ECE | ASSOCIATE PROFESSOR | 43 Years | B.E, MTech., Ph. D. | 18 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 47 | Dr. SUPRITH P G | ECE | ASSOCIATE PROFESSOR | 38 Years | B.E, MTech, Ph. D. | 14 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 48 | MANJULA B K | ECE | ASSISTANT PROFESSOR | 50 Years | B.E, MTech. | 15 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 49 | RAVITEJA BALEKAI | ECE | ASSISTANT PROFESSOR | 37 Years | B.E, MTech. | 14 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 50 | HARISHA G C | ECE | ASSISTANT PROFESSOR | 40 Years | B.E, MTech. | 14 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 51 | CHETAN B V | ECE | ASSISTANT PROFESSOR | 37 Years | BE (ECE), M. Tech. (DECS) | 13 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 52 | SAMPATHKUMAR B | ECE | ASSISTANT PROFESSOR | 36 Years | B.E, MTech. | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 53 | HANUMANTHARAJU R K | ECE | ASSISTANT PROFESSOR | 38 Years | B.E, MTech., (Ph. D.) | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 54 | Dr. NETRAVATI U M | EEE | PROFESSOR | 51 Years | B.E., M. Tech., Ph. D. | 20 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 55 | Dr. RAGHAVENDRAREDDY KARASANI | EEE | ASSOCIATE PROFESSOR | 44 Years | B.E, MTech, Ph. D. | 17 YEAR(S) | 21/07/2025 | Full Time | Regular | |
| 56 | Dr. MARULASIDDAPPA H B | EEE | ASSOCIATE PROFESSOR | 41 Years | B.E, MTech., Ph. D. | 17 YEAR(S) | 14/03/2025 | Full Time | Regular | |
| 57 | ANIL KUMAR T R B | EEE | ASSISTANT PROFESSOR | 40 Years | B.E. MTech, NIT Agartala MISTE. (Ph.D) NIT Mizoram | 10 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 58 | SUJATA ERESIMI | EEE | ASSISTANT PROFESSOR | 38 Years | B.E, MTech. | 10 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 59 | KAVYA G R | EEE | ASSISTANT PROFESSOR | 37 Years | B.E, MTech. | 6 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 60 | USMAN ALI A R | EEE | ASSISTANT PROFESSOR | 32 Years | B.E, MTech. | 4 YEAR(S) | 15/04/2024 | Full Time | Regular | |
| 61 | MADIHA ANJUM | EEE | ASSISTANT PROFESSOR | 26 Years | B.E.(EEE), M. Tech.(POWER SYSTEM) | 1 YEAR(S) | 03/10/2024 | Full Time | Regular | |
| 62 | AMRUTHA C | EEE | ASSISTANT PROFESSOR | 27 Years | B.E, MTech. | - | 01/01/2025 | Full Time | Regular | |
| 63 | Dr. PRAKASH K K | BT | PROFESSOR | 43 Years | M. Sc., Ph. D. | 11 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 64 | Dr. PAVAN K J | BT | ASSOCIATE PROFESSOR | 38 Years | M. Sc., Ph. D. | 7 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 65 | GANESH GOPAL TILVE | BT | ASSISTANT PROFESSOR | 35 Years | B.E, M. Sc. (Eng) | 4 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 66 | POOJITHA B S | BT | ASSISTANT PROFESSOR | 33 Years | M. Sc., Ph, D. | 4 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 67 | Dr. RAJKUMAR D G | RA | PROFESSOR | 52 Years | B.E, MTech, Ph. D. | 22 YEAR(S) | 01/05/2025 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 68 | Dr. CHANDRAPPA K | RA | PROFESSOR | 60 Years | B.E, MTech, Ph. D. | 36 YEAR(S) | 02/05/2025 | Full Time | Regular | |
| 69 | Dr. RAJASHEKHAR B SOMASAGAR | RA | ASSOCIATE PROFESSOR | 40 Years | B.E, MTech. (DE), Ph. D. | 15 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 70 | MUDASAR PASHA B A | RA | ASSOCIATE PROFESSOR | 40 Years | B.E, MTech, Ph. D. | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 71 | LINGARAJU | RA | ASSISTANT PROFESSOR | 36 Years | B.E. (E & CE), MTech. (DE) | 9 YEAR(S) | 13/06/2024 | Full Time | Regular | |
| 72 | Dr. SRINIVASA C V | ED | PROFESSOR | 49 Years | B.E, MTech, Ph. D., FIE, C.Eng(I) | 21 YEAR(S) | 01/05/2025 | Full Time | Regular | 01 |
| 73 | Dr. HARSHA H M | ED | ASSOCIATE PROFESSOR | 48 Years | B.E, MTech, Ph. D. | 21 YEAR(S) | 01/05/2025 | Full Time | Regular | 01 |
| 74 | PRASHANTH H R | ED | ASSISTANT PROFESSOR | 38 Years | B.E, MTech., (Ph. D.) | 11 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 75 | SANDEEP S H | ED | ASSISTANT PROFESSOR | 36 Years | B.E, MTech. | 11 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 76 | Dr. BHARATHARAJ ETIGI Y B | CE | PROFESSOR | 50 Years | B.E, MTech, Ph. D. | 19 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 77 | Dr. VARUN B K | CE | ASSOCIATE PROFESSOR | 38 Years | B.E, MTech, Ph. D. | 13 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 78 | Dr. KIRAN KUMAR H S | CE | ASSOCIATE PROFESSOR | 47 Years | B.E, MTech, Ph. D. | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 79 | HARISHA B A | CE | ASSISTANT PROFESSOR | 36 Years | B.E, MTech, Ph. D. | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 80 | VIRUPAKSHA H V | CE | ASSISTANT PROFESSOR | 39 Years | B.E, MTech. | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 81 | SWAMY L V | CE | ASSISTANT PROFESSOR | 35 Years | B.E, MTech. | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 82 | HANUMESH B M | CE | ASSISTANT PROFESSOR | 33 Years | B.E, MTech, Ph. D. | 9 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 83 | DEEPA A L | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 26 Years | B.E. (CSE) | 0 Years | 01/08/2024 | Full Time | Regular | |
| 84 | GAGANDEEP B M | ISE | ASSISTANT PROFESSOR /TUTOR | 24 Years | B.E.(CSE) | 0 Years | 01/08/2024 | Full Time | Regular | |
| 85 | KAVYA K N | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 24 Years | B.E.(CSE) | 0 Years | 01/08/2024 | Full Time | Regular | |
| 86 | SAIMA ANJUM | CSE | ASSISTANT PROFESSOR /TUTOR | 24 Years | B.E.(CSE) | 1 Years | 01/08/2024 | Full Time | Regular | |
| 87 | RANJITHA J | CSE | ASSISTANT PROFESSOR /TUTOR | 24 Years | B.E.(CSE) | 0 Years | 01/08/2024 | Full Time | Regular | |
| 88 | RAKSHITHA M R | ISE | ASSISTANT PROFESSOR /TUTOR | 25 Years | B.E.(CSE) | 0 Years | 01/08/2024 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 89 | VINAY H S | ISE | ASSISTANT PROFESSOR /TUTOR | 23 Years | B.E.(ISE) | 0.4 Years | 01/08 /2024 | Full Time | Regular | |
| 90 | DARSHAN A | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 23 Years | B.E.(CSE) | 0 Years | 01/08 /2024 | Full Time | Regular | |
| 91 | SHALINI M R | CSE | ASSISTANT PROFESSOR /TUTOR | 27 Years | B.E.(CIVIL), SOFTWARE TESTING | 1 Years | 21/08 /2024 | Full Time | Regular | |
| 92 | JAYALAXMI N SANNINGAMMANAVAR | ISE | ASSISTANT PROFESSOR /TUTOR | 24 Years | B.E(CSE) | 0.3 Years | 21/08 /2024 | Full Time | Regular | |
| 93 | DEEPIKA M D | CSE | ASSISTANT PROFESSOR /TUTOR | 25 Years | BCA, MCA | 0 Years | 23/09 /2024 | Full Time | Regular | |
| 94 | SUMANA C | CSE | ASSISTANT PROFESSOR /TUTOR | 29 Years | B.E.(CSE) | 1 Years | 23/09 /2024 | Full Time | Regular | |
| 95 | ANANYA PATEL G P | ISE | ASSISTANT PROFESSOR /TUTOR | 23 Years | B.E.(ISE) | 1 Years | 03/10 /2024 | Full Time | Regular | |
| 96 | CHETHAN G S | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 23 Years | B.E.(CSE) | 0 Years | 03/10 /2024 | Full Time | Regular | |
| 97 | POOJA G B | ECE | ASSISTANT PROFESSOR /TUTOR | 33 Years | B.E (ECE) | 1 Years | 17/02 /2024 | Full Time | Regular | |
| 98 | MANOJ P | ISE | ASSISTANT PROFESSOR /TUTOR | 28 Years | BE, MTech(pursuing) | 0 Years | 10/03 /2024 | Full Time | Regular | |
| 99 | RAKSHITHA G B | CYIY | ASSISTANT PROFESSOR /TUTOR | 22 Years | BTECH | 0 Years | 07/08 /2024 | Full Time | Regular | |
| 100 | ANUSHA A NADIGER | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 21 Years | BTECH | 0 Years | 08/08 /2024 | Full Time | Regular | |
| 101 | ANUSHA N L | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 23 Years | BTECH | 0 Years | 09/08 /2024 | Full Time | Regular | |
| 102 | SHREEDEVI M | ISE | ASSISTANT PROFESSOR /TUTOR | 35 Years | BTECH | 0 Years | 09/08 /2024 | Full Time | Regular | |
| 103 | B M VISMAYA | ISE | ASSISTANT PROFESSOR /TUTOR | 25 Years | BTECH | 0 Years | 09/08 /2024 | Full Time | Regular | |
| 104 | MOHAMMED ZEESHAN MUKRAM | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 23 Years | BTECH | 0 Years | 09/08 /2024 | Full Time | Regular | |
| 105 | PREETHI N M | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 21 Years | BTECH | 0 Years | 09/08 /2024 | Full Time | Regular | |
| 106 | DEEKSHITH R | ISE | ASSISTANT PROFESSOR /TUTOR | 22 Years | BTECH | 0 Years | 11/08 /2024 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 107 | PALLAVI S | CSE | ASSISTANT PROFESSOR /TUTOR | 27 Years | BTECH | 0 Years | 11/08 /2024 | Full Time | Regular | |
| 108 | SUPRIYA KERAKKANAVA R | CSE | ASSISTANT PROFESSOR /TUTOR | 28 Years | BTECH | 1 Years | 11/08 /2024 | Full Time | Regular | |
| 109 | SINDHU R R | CSE | ASSISTANT PROFESSOR /TUTOR | 32 Years | BTECH | 3 Years | 11/08 /2024 | Full Time | Regular | |
| 110 | NISCHIT D S | ISE | ASSISTANT PROFESSOR /TUTOR | 24 Years | BTECH | 0 Years | 11/08 /2024 | Full Time | Regular | |
| 111 | SWATHI A | CYIY | ASSISTANT PROFESSOR /TUTOR | 24 Years | BTECH | 0 Years | 11/08 /2024 | Full Time | Regular | |
| 112 | ANANYA H DODDAGOUD AR | DS-IoT | ASSISTANT PROFESSOR /TUTOR | 25 Years | BTECH | 0 Years | 11/08 /2024 | Full Time | Regular | |
| 113 | SAHANA B R | CSE | ASSISTANT PROFESSOR /TUTOR | 22 Years | BTECH | 0 Years | 18/08 /2024 | Full Time | Regular | |
| 114 | PRIYANKA S M | CSE | ASSISTANT PROFESSOR /TUTOR | 22 Years | BTECH | 0 Years | 18/08 /2024 | Full Time | Regular | |
| 115 | KAVYA B M | CSE | ASSISTANT PROFESSOR /TUTOR | 22 Years | BTECH | 0 Years | 18/08 /2024 | Full Time | Regular | |
| 116 | SIDRAMAPPA B | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 22 Years | BTECH | 0 Years | 18/08 /2024 | Full Time | Regular | |
| 117 | MANJUNATHA S B | CSE-AIML | ASSISTANT PROFESSOR /TUTOR | 22 Years | BTECH | 0 Years | 18/08 /2024 | Full Time | Regular | |
| 118 | Dr. SHWETA MARIGOUDAR | BCA/ MCA | PROFESSOR | 40 years | B.E., M. Tech., Ph. D. | 16 years | 01/ 05/20 24 | Full Time | Regular | |
| 119 | RAJASHEKAR G C | BCA/ MCA | ASSISTANT PROFESSOR | 46 Years | M. C. A., M. Sc. | 15 YEAR(S) | 01/ 05/20 25 | Full Time | Regular | |
| 120 | SAYEDA ANJUM KAUSAR MUNSHI | BCA/ MCA | ASSISTANT PROFESSOR | 40 Years | MCA, KSET | 10 YEAR(S) | 23/ 05/20 24 | Full Time | Regular | |
| 121 | VARUN K S | BCA/ MCA | ASSISTANT PROFESSOR | 27 Years | M. Sc. (CSE) PGDCS | 4 YEAR(S) | 01/05 /2024 | Full Time | Regular | |
| 122 | GEETHA R | BCA/ MCA | ASSISTANT PROFESSOR | 45 Years | MCA, PGDCE. | 8 YEAR(S) | 01/05 /2024 | Full Time | Regular | |
| 123 | KANTESH M | BCA/ MCA | ASSISTANT PROFESSOR | 37 Years | B C A, M C A | - | 05/10 /2024 | Full Time | Regular | |
| 124 | KAVYA G | BCA/ MCA | ASSISTANT PROFESSOR | 24 Years | M. Sc. (CS) | 1 YEAR(S) | 17/02 /2025 | Full Time | Regular | |
| 125 | SUGANDHA M S | BCA/ MCA | ASSISTANT PROFESSOR | 24 Years | M C A | 3 YEAR(S) | 27/02 /2025 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 126 | ANU V B | BCA/ MCA | ASSISTANT PROFESSOR | 31 Years | M C A | 7 YEAR(S) | 01/04 /2024 | Full Time | Regular | |
| 127 | SWATHI D MAHINDRAKAR | BCA/ MCA | ASSISTANT PROFESSOR | 38 Years | M C A | 2 YEAR(S) | 05/04 /2024 | Full Time | Regular | |
| 128 | MANJUNATHA K V | BCA/ MCA | ASSISTANT PROFESSOR | 25 Years | BCA, MCA | 1 YEAR(S) | 01/08 /2024 | Full Time | Regular | |
| 129 | MANJULA K | BCA/ MCA | ASSISTANT PROFESSOR | 28 Years | M. Sc (CSE) PG Diploma | 4 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 130 | MEGHA M | BCA/ MCA | ASSISTANT PROFESSOR | 32 Years | M. Tech. | 6 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 131 | USHA N | BCA/ MCA | ASSISTANT PROFESSOR | 36 Years | MCA, KSET | 10 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 132 | TEJA H | BCA/ MCA | ASSISTANT PROFESSOR | 26 Years | MCA | 4 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 133 | SHAMINA ATTAR | BCA/ MCA | ASSISTANT PROFESSOR | 35 Years | MCA | 3 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 134 | SUHASINI S | BCA/ MCA | ASSISTANT PROFESSOR | 27 Years | MCA | 5 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 135 | Dr. GANGADHAR HUGAR | FCM | PROFESSOR | 53 Years | M. Com., Ph. D., MBA | 27 YEAR(S) | 17/ 03/20 25 | Full Time | Regular | |
| 136 | Dr. SHWETHA H S | FCM | ASSOCIATE PROFESSOR | 42 Years | M. Com., Ph. D., | 15 YEAR(S) | 01/ 05/20 25 | Full Time | Regular | |
| 137 | HARISH M R | FCM | ASSISTANT PROFESSOR | 27 Years | M. Com. | - | 12/03 /2025 | Full Time | Regular | |
| 138 | GEETHANJALI V | FCM | ASSISTANT PROFESSOR | 30 Years | M. Com. | 2 YEAR(S) | 12/03 /2025 | Full Time | Regular | |
| 139 | JAYASHEELA P T | FCM | ASSISTANT PROFESSOR | 23 Years | M. Com. | - | 17/04 /2025 | Full Time | Regular | |
| 140 | RUBINA SULTANA | FCM | ASSISTANT PROFESSOR | 24 Years | M. Com. | - | 18/04 /2025 | Full Time | Regular | |
| 141 | MANJUNATH B | FCM | ASSISTANT PROFESSOR | 39 Years | M.Com., K-SET, PGDHRM, | 16 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 142 | VIDYADHARE A R | FCM | ASSISTANT PROFESSOR | 31 Years | M.Com, KSET(PGDBA) | 7 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 143 | RAMEEZ RAJA M | FCM | ASSISTANT PROFESSOR | 35 Years | M.Com, NET, KSET, (Ph. D.) | 12 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 144 | SACHIN M A | FCM | ASSISTANT PROFESSOR | 39 Years | BBM, M.Com., K-Set, NET, (Ph.D) | 9 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 145 | ANURUPA KUMARI R | FCM | ASSISTANT PROFESSOR | 47 Years | M.Com, M.Phill, K-SET | 18 YEAR(S) | 01/05 /2025 | Full Time | Regular | |
| 146 | VIDYA BANKAPURAMATA | FCM | ASSISTANT PROFESSOR | 29 Years | M. Com. (PGDCBA) | 6 YEAR(S) | 01/05 /2025 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 147 | RANJITHA B K | FCM | ASSISTANT PROFESSOR | 32 Years | M. Com., B Ed. | 6 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 148 | SHASHIREKHA HIREMATH | FCM | ASSISTANT PROFESSOR | 40 Years | M. Com, M Phill | 0 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 149 | DEEPAK MURALIDHARAN | FCM | ASSISTANT PROFESSOR | 36 Years | M. Com, MBA | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 150 | Dr. ONKARAPPA K S | FBAS | PROFESSOR | 57 Years | M. Sc., Ph. D. | 24 YEAR(S) | 01/04/2025 | Full Time | Regular | |
| 151 | Dr. PRASANNA B M R | FBAS | PROFESSOR | 60 Years | M. Sc., Ph. D. | 36 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 152 | Dr. GURUMURTHY H | FBAS | PROFESSOR | 48 Years | M. Sc., Ph. D. | 20 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 153 | Dr. Santhosh B M | FBAS | ASSOCIATE PROFESSOR | 40 Years | B.Ed, M. Sc. & Ph.D | 15 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 154 | Dr. Manjula G M | FBAS | ASSOCIATE PROFESSOR | 56 Years | M. Sc., Ph. D. | 28 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 155 | Dr. Swaroop K | FBAS | ASSOCIATE PROFESSOR | 40 Years | M. Sc., Ph. D. | 16 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 156 | VENNILA S | FBAS | ASSISTANT PROFESSOR | 31 Years | Msc. | 6 YEARS | 01/05/2025 | Full Time | Regular | |
| 157 | SHIVARUDRAPPA H P | FBAS | ASSISTANT PROFESSOR | 38 Years | M. Sc., Ph. D. | 2 YEARS | 01/05/2025 | Full Time | Regular | |
| 158 | NISHA S P | FBAS | ASSISTANT PROFESSOR | 31 Years | M. Sc. | 6 YEARS | 01/05/2025 | Full Time | Regular | |
| 159 | VINAY P J | FBAS | ASSISTANT PROFESSOR | 32 Years | M. Sc. | 8 YEARS | 01/05/2025 | Full Time | Regular | |
| 160 | TANUJA N RAJAPUT | FBAS | ASSISTANT PROFESSOR | 28 Years | M. Sc. | 4 YEARS | 01/05/2025 | Full Time | Regular | |
| 161 | SHAMALA H M | FBAS | ASSISTANT PROFESSOR | 45 Years | M. Sc. | 3 YEARS | 01/05/2025 | Full Time | Regular | |
| 162 | BHAVANA G M | FBAS | ASSISTANT PROFESSOR | 25 Years | M. Sc. | - | 01/08/2024 | Full Time | Regular | |
| 163 | YUVARAJGOUDA PATIL | FBAS | ASSISTANT PROFESSOR | 30 Years | M. Sc. | 3 YEAR | 19/09/2024 | Full Time | Regular | |
| 164 | SHRUTHI B | FBAS | ASSISTANT PROFESSOR | 35 Years | M. Sc. | 1 YEAR | 28/10/2024 | Full Time | Regular | |
| 165 | SHRAVANA KUMARA K N | FBAS | ASSISTANT PROFESSOR | 40 Years | M. Sc. & Ph.D | 8 YEARS | 11/04/2025 | Full Time | Regular | |
| 166 | Dr. VEERABHADRASWAMY B N | FBAS | ASSISTANT PROFESSOR | 39 Years | M. Sc. & Ph.D | 4 YEARS | 01/05/2025 | Full Time | Regular | |
| 167 | KIRAN M S | FBAS | ASSISTANT PROFESSOR | 33 Years | M. Sc. & Ph.D | 2 YEARS | 01/05/2025 | Full Time | Regular | |
| 168 | SAVITHA P H | FBAS | ASSISTANT PROFESSOR | 34 Years | M. Sc. | 10 YEARS | 01/05/2025 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 169 | JAYASHREE NAGAPPANAVAR | FBAS | ASSISTANT PROFESSOR | 29 Years | M. Sc. | 2 YEARS | 01/05/2025 | Full Time | Regular | |
| 170 | SHOBHANA U | FBAS | ASSISTANT PROFESSOR | 27 Years | M. Sc. | YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 171 | ARUNA CHARANTIMATH | FBAS | ASSISTANT PROFESSOR | 42 Years | M. Sc. M. Phill, D. Lit. Ph. D. | YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 172 | TILAK R | FBAS | ASSISTANT PROFESSOR | 25 Years | M. Sc.., (Ph.D) | 1 YEAR(S) | 02/05/2024 | Full Time | Regular | |
| 173 | P R NAGASHRI | FBAS | ASSISTANT PROFESSOR | 32 Years | M. Sc. (Mathematics) | 5 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 174 | VEENA C M | FBAS | ASSISTANT PROFESSOR | 37 Years | M. Sc. (Ph.D) | 11 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 175 | JYOTI BANAKAR | FBAS | ASSISTANT PROFESSOR | 33 Years | M. Sc.(Ph.D) | 7 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 176 | MEGHANA S | FBAS | ASSISTANT PROFESSOR | 26 Years | M. Sc., B. Ed. | 4 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 177 | LAVANYA B | FBAS | ASSISTANT PROFESSOR | 25 Years | M. Sc. (Mathematics) | 2 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 178 | CHETANA AMBOJI | FBAS | ASSISTANT PROFESSOR | 33 Years | M. Sc.., B.Ed. | 7 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 179 | PRIYA P | FBAS | ASSISTANT PROFESSOR | 30 Years | M. Sc.., B.Ed. | 6 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 180 | CHAITRA T J | FBAS | ASSISTANT PROFESSOR | 31 Years | M. Sc.., B.Ed. | 6 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 181 | GANESH A PURSHAN | FBAS | ASSISTANT PROFESSOR | 35 Years | B.Sc(PCM), M. Sc.(MAT), B.Ed | 5 YEAR(S) | 01/08/2024 | Full Time | Regular | |
| 182 | MADHUKESH J K | FBAS | ASSISTANT PROFESSOR | 33 Years | B.Sc(PCM), M. Sc.(MAT), B.Ed, Ph.D., PostDoc | 4 YEAR(S) | 01/08/2024 | Full Time | Regular | 17 |
| 183 | RAGHU S | FBAS | ASSISTANT PROFESSOR | 36 Years | B.Sc(PMCs), M. Sc.,B.Ed | 7 YEAR(S) | 02/09/2024 | Full Time | Regular | |
| 184 | SAVITHA K C | FBAS | ASSISTANT PROFESSOR | 37 Years | M. Sc., (Ph. D.) | 11 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 185 | KAVYA R | FBAS | ASSISTANT PROFESSOR | 24 Years | M. Sc. | 1 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 186 | DAYANA M | FBAS | ASSISTANT PROFESSOR | 28 Years | B.Ed., M. Sc. (Mathematics) | 2 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 187 | GABRIAL KIRAN P | FBAS | ASSISTANT PROFESSOR | 40 Years | Ph. D. in Mcrobiology | 7 YEAR(S) | 01/07/2024 | Full Time | Regular | |
| 188 | CHANNABASAVANAGOUDA BELAVIGI | FBAS | ASSISTANT PROFESSOR | 24 Years | M. Sc. (Physics) | 8 YEAR(S) | 13/11/2024 | Full Time | Regular | |
| 189 | KOTRESH K | FBAS | ASSISTANT PROFESSOR | 24 Years | M. Sc. (Physics) | 2 YEARS | 13/11/2024 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 190 | MEGHA A HIREMATH | FBAS | ASSISTANT PROFESSOR | 28 Years | M. Sc. | 2 YEARS | 01/05/2025 | Full Time | Regular | |
| 191 | ANAND B C | FBAS | ASSISTANT PROFESSOR | 33 Years | M. Sc., Ph. D. | 2 YEARS | 01/05/2025 | Full Time | Regular | |
| 192 | MANJUNATHA D | FBAS | ASSISTANT PROFESSOR | 37 Years | M. Sc. | 2 YEARS | 01/05/2025 | Full Time | Regular | |
| 193 | VISMITHA S PATIL | FBAS | ASSISTANT PROFESSOR | 32 Years | M. Sc., Ph. D. | 2 YEARS | 01/05/2025 | Full Time | Regular | 01 |
| 194 | EVA MEGHANA | FBAS | ASSISTANT PROFESSOR | 34 Years | M. Sc. | 5 YEARS | 01/05/2025 | Full Time | Regular | |
| 195 | VIJAYAKUMAR JANGANNANAVAR | FBAS | ASSISTANT PROFESSOR | 34 Years | B. Sc., B. Ed., M. Sc. (physics), Ph. D. | 12 YEAR(S) | 01/08/2024 | Full Time | Regular | |
| 196 | SHUBHA S | FBAS | ASSISTANT PROFESSOR | 38 Years | M. Sc. | 11 YEAR(S) | 19/08/2024 | Full Time | Regular | |
| 197 | PRIYANKA B R | FBAS | ASSISTANT PROFESSOR | 32 Years | M. Sc., B. Ed. | 11 YEAR(S) | 09/09/2024 | Full Time | Regular | |
| 198 | SAHIL R | FBAS | ASSISTANT PROFESSOR | 26 Years | M. Sc. (Physics) | 9 YEAR(S) | 29/10/2024 | Full Time | Regular | |
| 199 | RAKESH VISHWARUP | FBAS | ASSISTANT PROFESSOR | 33 Years | M. Sc., Ph. D. | 10 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 200 | RAKSHITHA M | FBAS | ASSISTANT PROFESSOR | 26 Years | M. Sc. | 2 YEAR(S) | 11/03/2025 | Full Time | Regular | |
| 201 | REKHA C N | FBAS | ASSISTANT PROFESSOR | 31 Years | M. Sc., B. Ed. | 5 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 202 | BANAKAR KAVYA | FBAS | ASSISTANT PROFESSOR | 25 Years | B.Sc.(CBZ), M. Sc.(Zoology) | 1 YEAR(S) | 12/08/2024 | Full Time | Regular | |
| 203 | SHIVAKUMAR GOUDA PATIL | FLSPP | ASSISTANT PROFESSOR | 39 Years | LLM | 13 YEAR(S) | 01/03/2025 | Full Time | Regular | |
| 204 | D S SAGAR | FLSPP | ASSISTANT PROFESSOR | 38 Years | LLM | - | 20/06/2025 | Full Time | Regular | |
| 205 | LOHITHA V | FLSPP | ASSISTANT PROFESSOR | 50 Years | BCom, LLB, LLM | 5 YEAR(S) | 22/11/2024 | Full Time | Regular | |
| 206 | PRIYA V NALLUR | FLSPP | ASSISTANT PROFESSOR | 30 Years | BA, LLB, LLM | 0 YEAR(S) | 20/11/2024 | Full Time | Regular | |
| 207 | RAKSHITHA G S | FLSPP | ASSISTANT PROFESSOR | 27 Years | BA, LLB, LLM | 0 YEAR(S) | 20/11/2024 | Full Time | Regular | |
| 208 | NAZNEEN BANU A NAMAJI | FHSS | ASSISTANT PROFESSOR | 29 Years | BA,MA (ENGLISH) | 4 YEAR(S) | 15/03/2025 | Full Time | Regular | |
| 209 | SIRAJUNNISA | FHSS | ASSISTANT PROFESSOR | 43 Years | MA,M.Ed | 19 YEAR(S) | 01/04/2025 | Full Time | Regular | |
| 210 | RUPA M V | FHSS | ASSISTANT PROFESSOR | 43 Years | Hindi B.Ed, MA, M.phil, P.hd | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 211 | SHIVAKUMARA N R | FHSS | ASSISTANT PROFESSOR | 41 Years | MA,M.Ed | 12 YEAR(S) | 01/07/2025 | Full Time | Regular | |
| 212 | SHIVANNA G B | FHSS | ASSISTANT PROFESSOR | 43 Years | MA,Ph.D | 4 YEAR(S) | 01/07/2025 | Full Time | Regular | |
| 213 | RAJESHWARI Y M | FHSS | ASSISTANT PROFESSOR | 39 Years | MA ,B.Ed, K'SET | 10 YEAR(S) | 10/03/2025 | Full Time | Regular | |

| Sl. No | Name of the Teacher with Dept | | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or ad hoc | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| 214 | DEEPA B S | FHSS | ASSISTANT PROFESSOR | 48 Years | MA-KANNADA | 15 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 215 | Dr. SHIVA KUMAR S | GMSB | PROFESSOR | 60 Years | MBA, Ph. D. | 30 YEAR(S) | 26/02/2024 | Full Time | Regular | |
| 216 | Dr. BASAVARAJU P S | GMSB | PROFESSOR | 58 Years | B. E., MBA, Ph. D. | 23 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 217 | Dr. KEERTHI S | GMSB | ASSOCIATE PROFESSOR | 40 Years | B.E., MBA, Ph. D. | 14 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 218 | Dr. JAGADESWARI KURRA | GMSB | ASSOCIATE PROFESSOR | 40 Years | MBA, Ph. D. | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 219 | Dr. SHREESHAILA P VIJAYAPUR | GMSB | ASSOCIATE PROFESSOR | 39 Years | B.E., MBA, Ph. D. | 12 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 220 | ASHWINI M J | GMSB | ASSISTANT PROFESSOR | 26 Years | MBA | 5 YEAR(S) | 06/03/2024 | Full Time | Regular | |
| 221 | ASHWINI D P | GMSB | ASSISTANT PROFESSOR | 32 Years | MBA | 3 YEAR(S) | 09/09/2024 | Full Time | Regular | |
| 222 | Dr. RAJENDRA PRASAD G R | GMSB | ASSISTANT PROFESSOR | 37 Years | MBA, Ph. D. | 13 YEAR(S) | 07/10/2024 | Full Time | Regular | |
| 223 | VINAY I | GMSB | ASSISTANT PROFESSOR | 36 Years | MBA | 7 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 224 | SAHANA R | GMSB | ASSISTANT PROFESSOR | 26 Years | MBA | 1 YEAR(S) | 01/05/2025 | Full Time | Regular | |
| 225 | DIVYA K | GMSB | ASSISTANT PROFESSOR | 24 Years | MBA | 1 YEAR(S) | 02/05/2025 | Full Time | Regular | |
| 226 | DARSHAN B N | GMSB | ASSISTANT PROFESSOR | 28 Years | MBA | - | 20/11/2023 | Full Time | Regular | |
| 227 | POOJA G HIREMATH | GMSB | ASSISTANT PROFESSOR | 26 Years | MBA | - | 06/03/2024 | Full Time | Regular | |
| 228 | VARSHITHA S | GMSB | ASSISTANT PROFESSOR | 26 Years | MBA | - | 01/03/2024 | Full Time | Regular | |

**Note:**

- Scale of pay will be given on demand

**Professor of Practice:**

| Sl. No. | Names |
|---|---|
| 1 | Dr. Krishna R |
| 2 | Dr. Devesh Kumar Mathur |
| 3 | Dr. G N Balasubramanian |
| 4 | Dr. Ananda Rao Patnaik |
| 5 | Dr. Balu P S |
| 6 | Dr. A M Nageswara Yogi |
| 7 | Dr. Nagana Gouda |
| 8 | Dr. Sundresha S D |
| 9 | Dr. M N Murthy |
| 10 | Dr. Ananda Kumar T S |
| 11 | Mr. Ramesh Babu |
| 12 | Mr. Pranesh Vasudevarao Jahangirdar |
| 13 | Mr. Sivakumar |
| 14 | Mr. Rajiv Mathur |
| 15 | Mr. Bhaskar Bada |
| 16 | Dr. Sreedhara K S |
| 17 | Dr. A M Sudhakar |
| 18 | Mr. Sreenivasan K |
| 19 | Dr. S N Jagadeesha |
| 20 | Mr. Pravin Kumar K |
| 21 | Dr. C R Prakash Rao |

**Professor of Eminence:**

| Sl. No. | Names |
|---|---|
| 1 | Dr. J S Mathur |
| 2 | Dr. S. Ramachandra |
| 3 | Dr. Vinod Banthia |
| 4 | Dr. Rajiv Jain |
| 5 | Dr. Shashidhar H E |
| 6 | Dr. Ragavendra Kulkarni |

**Appendix-XIV**

**Information about Library**

**Total Space (All Kinds)**

| **1. Ground Floor** | | | | |
|---|---|---|---|---|
| **SL No** | **Building** | **Length** | **Breadth** | **Area in Sq.m.** |
| 1 | East Entrance Lobby | 10.50 | 12.00 | 126.00 |
| 2 | Circulation Centre | 10.50 | 11.25 | 118.13 |
| 3 | Lobby | 12.00 | 6.70 | 80.40 |
| 4 | A.V. Room | 16.38 | 10.00 | 163.80 |
| 5 | Cafeteria | 9.75 | 6.75 | 65.81 |
| | | 6.75 | 5.25 | 35.44 |
| 6 | Gents Toilet | 2.81 | 3.20 | 8.99 |
| 7 | Ladies Toilet | 3.70 | 2.45 | 9.07 |
| 8 | Foreign Language Learning Centre | 9.15 | 3.63 | 33.17 |
| 9 | Librarian Cabin | 2.70 | 3.40 | 9.18 |
| 10 | Librarian Support | 6.35 | 3.40 | 21.59 |
| 11 | Librarian Toilet | 1.72 | 2.00 | 3.44 |
| 12 | Photocopy Area | 3.16 | 5.40 | 17.06 |
| 13 | Server Room (CC Camera) | 4.80 | 5.70 | 27.36 |
| 14 | General Stock Yard | 25.82 | 17.00 | 438.94 |
| 15 | Reading Hall | 14.00 | 19.70 | 275.80 |
| 16 | Toilet Girls | 2.25 | 1.25 | 2.81 |
| 17 | Toilet Gents | 2.25 | 1.75 | 3.94 |
| 18 | West Side Lobby | 3.80 | 3.00 | 11.40 |
| 19 | Discussion Room – 1 | 6.90 | 3.35 | 23.12 |
| 20 | Discussion Room – 2 | 6.90 | 3.35 | 23.12 |
| 21 | Discussion Room – 3 | 3.00 | 4.85 | 14.55 |
| **Total Ground Floor Area (Sq. m)** | | | | **1513.10** |

| 2. First Floor | | | | |
|---|---|---|---|---|
| **SL No.** | **Building** | **Length** | **Breadth** | **Area in Sq.m.** |
| 1 | Book Bank | 6.00 | 6.75 | 40.50 |
| | | 6.00 | 7.50 | 45.00 |
| 2 | General Stock Yard | 25.60 | 9.75 | 249.60 |
| | | 13.50 | 6.75 | 91.13 |
| 3 | Digital Library | 10.00 | 15.75 | 157.50 |
| 4 | Ladies Toilet | 3.75 | 7.50 | 28.13 |
| 5 | Gents Toilet | 3.45 | 6.20 | 21.39 |
| 6 | Reference Hall | 14.00 | 19.00 | 266.00 |
| 7 | Back Volume Section | 5.25 | 5.00 | 26.25 |
| 8 | Toilet | 2.10 | 6.00 | 12.60 |
| 9 | Lounge Room/Napping Area | 9.00 | 4.80 | 43.20 |
| 10 | Periodicals Section | 9.00 | 5.00 | 45.00 |
| **Total First Floor Area (Sq. m)** | | | | **1026.29** |

<table>
<tr><th></th><th>Library</th><th>Information about Library</th></tr>
<tr><td>a)</td><td>Total Space (all Kinds)</td><td>2539.39 (Sq.m)</td></tr>
<tr><td>b)</td><td>Computer / Communication facilities</td><td>Computers- 26 With Internet Connection(Digital Library)<br>Communication facilities
<table>
<tr><th>Sl.No.</th><th>ISP(Internet Service Provider)</th><th>Bandwidth</th><th>Type of usage</th></tr>
<tr><td>1.</td><td>BSNL Leased Line Connection (1:1)</td><td>1 Gbps/ (1024) Mbps</td><td>LAN & Wi-Fi</td></tr>
<tr><td>2.</td><td>Jio Leased Line Connection (1:1)</td><td>1 Gbps/ (1024) Mbps</td><td></td></tr>
<tr><td>3.</td><td>AIRTEL Leased Line Connection(Incubix) (1:1)</td><td>200 Mbps</td><td>LAN & Wi-Fi</td></tr>
<tr><td>4.</td><td>BSNL Broad Band (1:1)</td><td>10 Mbps</td><td></td></tr>
</table></td></tr>
<tr><td>c)</td><td>Total no. of Ref. Books (Each Department)</td><td>
<table>
<tr><th>Sl.No</th><th>Department</th><th>No of Volumes</th><th>No of Titles</th></tr>
<tr><td>01</td><td>FLSPP (Faculty of Legal Studies & Public Policy)</td><td>824</td><td>332</td></tr>
<tr><td>02</td><td>FET (Faculty of Engineering and Technology)</td><td>637</td><td>199</td></tr>
<tr><td>03</td><td>FCIT (Faculty of Computing & IT)</td><td>165</td><td>77</td></tr>
<tr><td>04</td><td>FBAS (Faculty of Basic & Applied Science)</td><td>302</td><td>104</td></tr>
<tr><td>05</td><td>FCM (Faculty of Commerce and Management)</td><td>193</td><td>67</td></tr>
<tr><td></td><td>TOTAL</td><td>2121</td><td>779</td></tr>
</table></td></tr>
<tr><td>d)</td><td>All Research Journals Subscribed on a regular basis</td><td>
<table>
<tr><th>Sl.No</th><th>Title of Journal</th></tr>
<tr><td>1</td><td>Journal of Public Finance, Law & Taxation</td></tr>
<tr><td>2</td><td>Journal of Insights & Transformations in Law, Crime & Justice</td></tr>
<tr><td>3</td><td>Journal of Transformation in Law, Human Rights and Social Justice</td></tr>
</table></td></tr>
</table>

| | | | | |
|---|---|---|---|---|
| | | 4 | Journal of Cybersecurity Law and Policy |
| | | 5 | Journal of Environmental Law and Sustainability |
| | | 6 | Journal of Criminal Justice and Legal Psychology |
| | | 7 | Journal of Technology and Privacy Law |
| | | 8 | Journal of Intellectual Property and Innovation Law |
| | | 9 | Journal of Social Justice Perspectives in Legal Studies |
| | | 10 | Journal of Family and Personal Law |
| | | 11 | International Journal of Insights & Transformations in Law, Crime & Justice |
| | | 12 | Global Journal of Transformation in Law, Human Rights and Social Justice |
| | | 13 | International Journal of Public Finance, Law & Taxation |

## Appendix -XV

## Information about Equipment

| Sl. No. | Item Name | Item Specification | Quantity in Numbers | Location Department | Value in Rs. | Present Condition | Date of Purchase |
|---|---|---|---|---|---|---|---|
| 1 | **Desktop Computers** | Acer Desktop Computer i5/8th Gen/8GB/ 256 SSD with Windows 10 | 100 | All Departments | 3304000 | Working Fine | 12/24/2019 |
| | | Intel i3 /4 GB RAM/500 GB HDD **(Assembled PC )** | 21 | All Class Rooms | 264600 | Working Fine | 9/13/2018 |
| | | Intel i3 /4 GB RAM/500 GB HDD /19 LED Monitor **(Assembled PC )** | 50 | AI & ML | 775000 | Working Fine | 6/15/2018 |
| | | Acer Desktop Computer i5/11th Gen/8GB/ 256 SSD with Windows 11 | 50 | All Departments | 2596000 | Working Fine | 4/1/2022 |
| | | Acer Desktop Computer i5/11th Gen/8GB/ 256 SSD with Windows 11 | 200 | All Departments | 8217520 | Working Fine | 8/10/2022 |
| | | I Active OPS PC i5 Processor 8th Gen / 16 GB / 256 SSD with Windows 11 Pro | 25 | Digital Library | 501500 | Working Fine | 2/22/2024 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2 | **Laptops** | HP Core i5 Laptop/8 GB/ 1 TB HDD with Windows 10 with Carry Case | 12 | Distributed to all HOD's | 581998 | Working Fine | 1/29/2019 |
| | | Dell Laptop 3525 Ryzen 5 -500 U/ 8GB RAM/512 SSD/ Win 11 with MS-Office 2021 | 29 | Distributed to MBA Students | 1276000 | Working Fine | 7/4/2023 |
| | | Acer Core i5/ 11 Gen/ 16GB RAM / 512 SSD/ with Windows 11 OS | 300 | Distributed to GMIT Students | 1079700 0 | Working Fine | 12/21/202 3 |
| | | Acer AMD Ryzen/ 8GB/ 256 SSD with Windows 11 | 60 | Distributed to MBA Students | 2799904 | Working Fine | 5/1/2022 |
| | | I Active Laptop i5/ 13 Generation/ 20GB RAM/ 512 SSD with Windows 11 Pro | 300 | Distributed to GMU Students | 1170000 | Working Fine | 2/20/2024 |
| 3 | **Firewall / Routers** | Firewall/UTM **Cisco MX250** \| Recommended Clients 2,000 \| State full Firewall Throughput 4 Gbps \| Advanced Security Throughput 2 Gbps | 1 | SERVER ROOOM | 684400 | Working Fine | 11/4/2020 |
| | | **Sophose XG Firewall XGS 7500 Security** Appliance with Sophose 3 Years Subscription | 1 | Proposed Data Centre | 4,979,60 0 | Working under trial Period | 2/5/2024 |
| | | **Microtik Router**- CCR 22161G12XS2XQ | 1 | Proposed Data Centre | 201,200 | Working Fine | 4/13/2023 |
| 4 | **SERVERS** | Acer Rack Server AW360/ Processor type Up to 2 x Intel® Xeon® E5-2600 v3 / Chipset Intel® C612 chipset Graphics/ Integrated 2D video controller/ OS support Microsoft® Windows Server® 2012 R2 | 1 | SERVER ROOOM | 225000 | Working Fine | 6/17/2016 |
| | | Acer Rack Server – Xeon E5-2620 2 GHz – 8 GB / 3000 GB/ Intel® C204 chipset / Graphics A Speed 2150 controller/ OS support Microsoft® Windows Server® 2012. | 1 | SERVER ROOOM | 220000 | Working Fine | 1/18/2015 |
| | | HP Server 150 G5/SAS QUAD CORE/2GB/10/100/1000 Raid3 160 GB SAS 15K | 1 | SERVER ROOOM | 180000 | Working Fine | 1/12/2012 |
| 5 | **Controllers** | TP-Link Omada OC 300 Wi-Fi Controller | 1 | SERVER ROOOM | 11600 | Working Fine | 4/13/2023 |
| | | EPABX Panasonic PBX configured for \| 2 Digital Extensions \| 16 Analog Extensions \| 1 PRI \| 128 SIP license SL. | 1 | SERVER ROOOM | 70800 | Working Fine | 1/21/2020 |

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|---|---|---|---|---|---|---|---|
| | | No. 9GCCA025919<br>HSN: 8517 | | | | | |
| 6 | **Interactive Panel** | New line Interactive Panel 65" with OPS | 10 | All Departments | 1250000 | Working fine | 2/15/2022 |
| | | I Active Interactive Panel 75" with Android and Built in OPS | 30 | All Departments | 2265600 | Working Fine | 9/11/2023 |
| | | I Active Interactive Panel 86" with Android and Built in OPS | 5 | All Departments | 725003 | Working Fine | 9/11/2023 |
| 7 | **Network Accessories** | TP Link Network Giga Bit Switches with POE | 10 | All Departments | 151000 | Working fine | 4/13/2023 |
| | | 42 U Network Rack with Accessories | 1 | New Server Room | 60770 | Working Fine | 5/26/2023 |
| | | TP Dual Band Wi-Fi Access Points | 80 | All Departments | 397850 | Working Fine | 4/13/2023 |

**Communication Lab:**

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1. | DC Regulated Power Supply - Single Channel, Make: Micrologics | **Communication Lab C 202 (ECE)** | 3800.00 | Working | 30.09.2002 |
| 2. | DC Regulated Power Supply - Single Channel , Make: Micrologics | | 10000.00 | Working | 10.09.2003 |
| 3. | DC Regulated Power Supply - Single Channel, Make: Micrologics | | 8500.00 | Working | 28.11.2005 |
| 4. | DC Regulated Power Supply - Dual Channel, Make: Micrologics | | 27300.00 | Working | 10.09.2002 |
| 5. | DC Regulated Power Supply - Dual Channel, Make: Micrologics | | 19500.00 | Working | 19.10.2004 |
| 6. | DC Regulated Power Supply - Dual Channel, Make: Micrologics | | 6600.00 | Working | 11.01.2006 |
| 7. | DC Regulated Fixed Power Supply, Make: Micrologics | | 4311.00 | Working | 19.02.2003 |
| 8. | DC Regulated Fixed Power Supply | | 6000.00 | Working | 28.11.2003 |
| 9. | DC Regulated Fixed Power Supply | | 2700.00 | Working | 13.04.2009 |
| 10. | Cathode Ray Oscilloscope, Make: Scientific | | 85575.00 | Working | 11.09.2002 |
| 11. | Cathode Ray Oscilloscope, Scientific | | 34230.00 | Working | 16.09.2002 |
| 12. | Cathode Ray Oscilloscope, Scientific | | 70000.00 | Working | 19.10.2004 |
| 13. | Cathode Ray Oscilloscope, Scienteck | | 70000.00 | Working | 11.01.2006 |
| 14. | Cathode Ray Oscilloscope, Scienteck | | 36538.00 | Working | 05.02.2003 |
| 15. | Function Generator, Make: JS Instruments | | 9615.00 | Working | 16.09.2002 |
| 16. | Function Generator, JS Instruments | | 5288.00 | Working | 16.09.2002 |
| 17. | Function Generator, Make: Aplab | | 33000.00 | Working | 20.02.2006 |
| 18. | Function Generator , JS Instruments | | 24519.00 | Working | 16.09.2002 |
| 19. | Function Generator, JS Instruments | | 37500.00 | Working | 19.10.2004 |
| 20. | Function Generator, JS Instruments | | 52375.00 | Working | 06.11.2003 |
| 21. | Decade Resistance Box, Make: Oxford | | 22500.00 | Working | 15.12.2004 |
| 22. | Decade Resistance Box, Make: Digitronix | | 9500.00 | Working | 28.11.2005 |
| 23. | Decade Capacitance Box, Oxford | | 25500.00 | Working | 15.12.2004 |
| 24. | Decade Capacitance Box, Oxford | | 5000.00 | Working | 28.11.2005 |
| 25. | Decade Inductance Box, Oxford | | 26000.00 | Working | 15.12.2004 |
| 26. | Decade Inductance Box, Oxford | | 5500.00 | Working | 28.11.2005 |
| 27. | Digital Multimeter, Make: Meco | | 1700.00 | Working | 19.10.2004 |
| 28. | Digital Multimeter Make: Meco | | 9450.00 | Working | 20.02.2006 |
| 29. | Function Generator, JS Instruments | | 21042.60 | Working | 16.03.2017 |
| | | | **673543.60** | | |

**Advanced Communication Lab:**

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1. | Klystron Power Supply, Make: Vidyut Yantra Udyog | Advanced Communication Lab: C 201 (ECE) | 21890.00 | Working | 02.01.2004 |
| 2. | Klystron Power Supply | | 21890.00 | Working | 30.03.2005 |
| 3. | Gunn Power Supply | | 6560.00 | Working | 06.02.2004 |
| 4. | Klystron Tube | | 6860.00 | Working | 02.01.2004 |
| 5. | Klystron Mount | | 4530.00 | Working | 02.01.2004 |
| 6. | Slotted Section with Probe Carriage | | 6870.00 | Working | 02.01.2004 |
| 7. | Waveguide Detector Mount | | 3290.00 | Working | 02.01.2004 |
| 8. | Isolator | | 9840.00 | Working | 02.01.2004 |
| 9. | Frequency Meter | | 18400.00 | Working | 02.01.2004 |
| 10. | Matched Termination | | 4260.00 | Working | 02.01.2004 |
| 11. | Moveable Short | | 4100.00 | Working | 02.01.2004 |
| 12. | Waveguide Stand | | 3680.00 | Working | 02.01.2004 |
| 13. | Magic Tee | | 2160.00 | Working | 02.01.2004 |
| 14. | MHD Coupler | | 4890.00 | Working | 02.01.2004 |
| 15. | Microwave Turn Table | | 13500.00 | Working | 02.01.2004 |
| 16. | Horn Antenna | | 2280.00 | Working | 02.01.2004 |
| 17. | BNC-BNC Cables | | 17670.00 | Working | 02.01.2004 |
| 18. | Parabolic Antenna | | 5850.00 | Working | 02.01.2004 |
| 19. | Detector IN-23 Diode | | 3600.00 | Working | 02.01.2004 |
| 20. | Slotted Section with Probe Carriage | | 6870.00 | Working | 06.02.2004 |
| 21. | Tunable Probe Detector | | 4720.00 | Working | 06.02.2004 |
| 22. | Waveguide Detector Mount | | 6580.00 | Working | 06.02.2004 |
| 23. | Gunn Oscillator | | 13510.00 | Working | 06.02.2004 |
| 24. | Pin Modulator | | 5130.00 | Working | 06.02.2004 |
| 25. | VSWR Meter | | 10980.00 | Working | 06.02.2004 |
| 26. | Tripod Stand | | 3450.00 | Working | 06.02.2004 |
| 27. | Horn Antenna | | 2280.00 | Working | 06.02.2004 |
| 28. | Cooling Fan | | 1100.00 | Working | 06.02.2004 |
| 29. | Parabolic Antenna | | 5850.00 | Working | 06.02.2004 |
| 30. | Variable Attenuator | | 4120.00 | Working | 06.02.2004 |
| 31. | Klystron Mount | | 6795.00 | Working | 30.03.2005 |
| 32. | Klystron Tube | | 10290.00 | Working | 30.03.2005 |
| 33. | Slotted Section with Probe Carriage | | 13740.00 | Working | 30.03.2005 |
| 34. | Waveguide Detector Mount | | 13160.00 | Working | 30.03.2005 |
| 35. | Isolator | | 14760.00 | Working | 30.03.2005 |
| 36. | Variable Attenuator | | 7960.00 | Working | 30.03.2005 |
| 37. | Frequency Meter | | 27600.00 | Working | 30.03.2005 |
| 38. | Matched Termination | | 10650.00 | Working | 30.03.2005 |
| 39. | Waveguide Stand | | 6900.00 | Working | 30.03.2005 |
| 40. | Magic Tee | | 4320.00 | Working | 30.03.2005 |

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 41. | Directional Coupler - Multihole | Advanced Communication Lab: C 201 (ECE) | 9780.00 | Working | 30.03.2005 |
| 42. | Horn Antenna | | 4560.00 | Working | 30.03.2005 |
| 43. | BNC-BNC Cables | | 2360.00 | Working | 30.03.2005 |
| 44. | Detector IN-23 Diode | | 7200.00 | Working | 30.03.2005 |
| 45. | Tunable Probe Detector | | 4720.00 | Working | 30.03.2005 |
| 46. | VSWR Meter | | 10980.00 | Working | 30.03.2005 |
| 47. | Cooling Fan | | 1100.00 | Working | 30.03.2005 |
| 48. | Gunn Oscillator | | 13510.00 | Working | 30.03.2005 |
| 49. | Pin Modulator | | 5130.00 | Working | 30.03.2005 |
| 50. | Optical Fiber Trainer Kit, Make: Bench Mark | | 43500.00 | Working | 02.01.2004 |
| 51. | Optical Fiber Trainer Kit , Make: Bench Mark | | 43500.00 | Working | 06.02.2004 |
| 52. | Optical Fiber Trainer Kit , ALS | | 34500.00 | Working | 13.04.2009 |
| 53. | Optical Fiber Trainer Kit, ALS | | 30700.00 | Working | 13.04.2009 |
| 54. | PAM Kit, Make Future Tek | | 21200.00 | Working | 26.02.2004 |
| 55. | TDM Kit, Make Future Tek | | 33000.00 | Working | 26.02.2004 |
| 56. | PCM Kit, Make Future Tek | | 17000.00 | Working | 26.02.2004 |
| 57. | DM Kit , Make Future Tek | | 15000.00 | Working | 26.02.2004 |
| 58. | QPSK Kit, Make Future Tek | | 36600.00 | Working | 26.02.2004 |
| 59. | DPSK Kit, Make Future Tek | | 19000.00 | Working | 26.02.2004 |
| 60. | TDM Kit , Make Future Tek | | 12200.00 | Working | 07.04.2009 |
| 61. | ASK Kit, Make: ALS | | 9150.00 | Working | 07.04.2009 |
| 62. | PSK Kit , Make: ALS | | 10200.00 | Working | 07.04.2009 |
| 63. | FSK Kit, Make: ALS | | 9200.00 | Working | 07.04.2009 |
| 64. | PCM Kit, Make: ALS | | 13150.00 | Working | 07.04.2009 |
| 65. | DPSK Kit , Make: ALS | | 11950.00 | Working | 07.04.2009 |
| 66. | Microwave Signal Source 2.2-3 GHz, Make: GB Technology | | 110000.00 | Working | 11.08.2009 |
| 67. | Microwave Signal Source Accessories | | 95000.00 | Working | 11.08.2009 |
| 68. | Digital Storage Oscilloscope, Make: GW Instek | | 110000.00 | Working | 27.06.2017 |
| | | | **1077075.00** | | |

**Electronic Circuits Lab :**

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1. | DC Regulated Power Supply, Micrologics, | Electronic Circuits Lab C 205 (ECE) | 15000.00 | Working | 04.09.2002 |
| 2. | DC Regulated Power Supply, Digitronix | | 2000.00 | Working | 28.11.2005 |
| 3. | DC Regulated Power Supply Dual Channel | | 2500.00 | Working | 01.10.2002 |
| 4. | DC Regulated Power Supply Single Channel, Micrologics | | 1900.00 | Working | 30.09.2002 |
| 5. | DC Regulated Power Supply Single Channel | | 2000.00 | Working | 01.10.2002 |
| 6. | DC Regulated Power Supply Dual Channel , Micrologics, | | 3900.00 | Working | 23.09.2002 |
| 7. | DC Regulated Power Supply Dual Channel | | 8000.00 | Working | 01.10.2002 |
| 8. | Digital IC Trainer Kits , Micrologics | | 57600.00 | Working | 04.09.2002 |
| 9. | Digital IC Trainer Kits | | 19200.00 | Working | 30.09.2002 |
| 10. | Digital IC Trainer Kits, Micrologics | | 9000.00 | Working | 01.10.2002 |
| 11. | Digital IC Tester, Micrologics | | 13000.00 | Working | 04.09.2002 |
| 12. | Function Generator, J S Instruments | | 5288.50 | Working | 16.09.2002 |
| 13. | Function Generator, J S Instruments | | 28000.00 | Working | 19.10.2004 |
| 14. | Function Generator, J S Instruments | | 8173.00 | Working | 21.02.2003 |
| 15. | Cathode Ray scilloscopeScientific Mes Tech Pvt Ltd | | 51345.00 | Working | 11.09.2002 |
| 16. | Cathode Ray Oscilloscope,Scientific Mes Tech Pvt Ltd | | 122500.00 | Working | 19.10.2004 |
| 17. | Cathode Ray OscilloscopeDigitronix Measuring Instruments | | 87500.00 | Working | 11.01.2006 |
| 18. | DC Regulated Power Supply, Pragna Microdesigns, Bengaluru | | 5000.00 | Working | 04.05.2004 |
| 19. | DC Regulated Power Supply, Digitronix Measuring Instruments | | 57600.00 | Working | 29.03.2006 |
| 20. | DC Regulated Power Supply, Micrologics | | 13300.00 | Working | 04.09.2002 |
| 21. | DC Regulated Power Supply, Micrologics | | 3500.00 | Working | 04.05.2004 |

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|---|---|---|---|---|---|
| 22. | DC Regulated Power Supply, | | 7000.00 | Working | 04.05.2004 |
| 23. | DC Regulated Power Supply Digitronix Measuring Instruments | | 8500.00 | Working | 28.11.2005 |
| 24. | DC Regulated Power Supply, Micrologics | **Electronic Circuits Lab C 205 (ECE)** | 19500.00 | Working | 23.09.2002 |
| 25. | DC Regulated Power Supply , Micrologics | | 8000.00 | Working | 10.09.2003 |
| 26. | DC Regulated Power Supply , Digitronix Measuring Instruments | | 39600.00 | Working | 11.01.2006 |
| 27. | DC Regulated Power Supply , Scientific Mes Tech Pvt Ltd | | 32500.00 | Working | 19.10.2004 |
| 28. | DC Regulated Power Supply , Digitronix Measuring Instruments | | 12000.00 | Working | 28.11.2005 |
| 29. | Cathode Ray Oscilloscope, Scientific | | 34230.00 | Working | 11.09.2002 |
| 30. | Cathode Ray Oscilloscope, Scientific | | 68460.00 | Working | 16.09.2002 |
| 31. | Cathode Ray Oscilloscope, Scientek | | 70000.00 | Working | 19.10.2004 |
| 32. | Cathode Ray Oscilloscope, Scientific | | 87500.00 | Working | 11.01.2006 |
| 33. | Cathode Ray Oscilloscope, Scientific | | 36538.00 | Working | 05.02.2003 |
| 34. | Function Generator, J S Instruments | | 26442.00 | Working | 16.09.2002 |
| 35. | Function Generator, J S Instruments | | 9615.40 | Working | 16.09.2002 |
| 36. | Function Generator, J S Instruments | | 28000.00 | Working | 19.10.2004 |
| 37. | Function Generator,Digitronix Measuring Instruments | | 33000.00 | Working | 20.02.2006 |
| 38. | Function Generator, J S Instruments | | 8173.00 | Working | 16.09.2002 |
| 39. | Function Generator, J S Instruments | | 16346.00 | Working | 21.02.2003 |
| 40. | Auto Transformer | | 5200.00 | Working | 23.09.2002 |
| 41. | LCR Meter Micrologics, Bengaluru | | 5500.00 | Working | 23.09.2002 |
| 42. | Decade Resistance Box, Micrologics | | 8800.00 | Working | 04.09.2002 |
| 43. | Decade Resistance Box, Micrologics, Bengaluru | | 9500.00 | Working | 28.11.2005 |
| 44. | Decade Capacitance Box | | 9600.00 | Working | 04.09.2002 |
| 45. | Decade Capacitance Box | | 10000.00 | Working | 28.11.2005 |
| 46. | Decade Inductance Box, Digitronix | | 9600.00 | Working | 04.09.2002 |

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|---|---|---|---|---|---|
| 47. | Decade Inductance Box, Micrologics, Bengaluru Digitronix | | 11000.00 | Working | 28.11.2005 |
| 48. | Analog Multimeter , Micrologics, Bengaluru | | 14400.00 | Working | 04.09.2002 |
| 49. | Digital Multimeter ,Meco, | | 16200.00 | Working | 04.09.2002 |
| 50. | Digital Multimeter, Meco | | 11900.00 | Working | 19.10.2004 |
| 51. | Digital Multimeter, Meco | | 5250.00 | Working | 20.02.2006 |
| 52. | AC Voltmeter | | 6750.00 | Working | 23.09.2002 |
| 53. | Digital DC Ammeter,Sai Electronics ,Bengaluru | | 1300.00 | Working | 01.10.2002 |
| 54. | Digital DC Ammeter | **Electronic Circuits Lab C 205 (ECE)** | 4550.00 | Working | 01.10.2002 |
| 55. | Digital DC Ammeter | | 650.00 | Working | 01.10.2002 |
| 56. | Digital DC Ammeter , Sai Electronics ,Bengaluru | | 650.00 | Working | 01.10.2002 |
| 57. | Digital DC Ammeter | | 4550.00 | Working | 01.10.2002 |
| 58. | Digital DC Ammeter | | 650.00 | Working | 01.10.2002 |
| 59. | Digital DC Ammeter | | 650.00 | Working | 01.10.2002 |
| 60. | Digital DC Ammeter, Sai Electronics ,Bengaluru | | 4550.00 | Working | 01.10.2002 |
| 61. | Digital DC Voltmeter | | 5500.00 | Working | 01.10.2002 |
| 62. | Digital DC Voltmeter | | 2750.00 | Working | 01.10.2002 |
| 63. | Digital DC Voltmeter | | 2750.00 | Working | 01.10.2002 |
| 64. | Digital DC Voltmeter , Sai Electronics ,Bengaluru | | 550.00 | Working | 01.10.2002 |
| 65. | Rheostat , Micrologics, Bengaluru | | 6000.00 | Working | 23.09.2002 |
| 66. | Rheostat | | 6000.00 | Working | 23.09.2002 |
| 67. | Rheostat | | 6000.00 | Working | 23.09.2002 |
| 68. | Rheostat | | 6000.00 | Working | 23.09.2002 |
| 69. | Rheostat , Micrologics, Bengaluru | | 6000.00 | Working | 28.11.2005 |
| | | **TOTAL** | **1244510.90** | | |

**COMPUTER LAB 1:**

| **Sl. No** | **Item description (Make Model)** | **Location (Department)** | **Value (In Rs)** | **Present Condition** | **Date of Purchase** |
|---|---|---|---|---|---|
| 1. | Desktop Computer[Pentium] | **COMPUTER LAB 1 C 335 (ECE)** | 336600.00 | Working | 20.09.2003 |
| 2. | DESKTOP COMPUTERS CPU,KEYBOARD & MOUSE | | 142000.00 | Working | 16.12.2013 |
| 3. | 8051 Micrcontroller Trainer Kit | | 55700.00 | Working | 11.08.2003 |
| 4. | MATLAB Software | | 65124.00 | Working | 02.12.2005 |
| 5. | D LINK 24 PIN | | 3990.00 | Working | 19.03.2008 |
| 6. | D LINK 24 PIN | | 3990.00 | Working | 19.03.2008 |
| 7. | Uninterrupted Power supply | | 50000.00 | Working | 19.11.2004 |

| | | | | | |
|---|---|---|---|---|---|
| 8. | D C Regulated Power supply(+_ 12V,5V,1.5A) | | 21160.00 | Working | 26.03.2008 |
| 9. | DSP Trainer kit | | 43848.00 | Working | 11.08.2003 |
| 10. | EPSON LCD Projectors | | 27000.00 | Working | 24.09.2018 |
| 11. | LOGIC Controller Interface | | 3957.00 | Working | 22.07.2003 |
| 12. | DUAL DAC INTERFACE UNIT | | 2085.00 | Working | 19.02.2003 |
| 13. | Stepper Motor Interface Unit | | 8965.00 | Working | 23.09.2005 |
| 14. | Matrix Keyboard Interface (3x8) | | 4840.00 | Working | 20.01.2018 |
| 15. | LCD & Keyboard interface Unit | | 1416.00 | Working | 26.03.2008 |
| 16. | Digital storage Oscilloscape | | 29012.00 | Working | 27.06.2017 |
| 17. | BLACK LCD MONITER | | 118800.00 | Working | 30.03.2012 |
| 18. | Battery for UPS | | 177600.00 | Working | 13.06.2023 |
| | | **TOTAL** | **1096087.00** | | |

**COMPUTER LAB 2:**

| **Sl. No** | **Item description (Make Model)** | **Location (Department)** | **Value (In Rs)** | **Present Condition** | **Date of Purchase** |
|---|---|---|---|---|---|
| 1. | Desktop Computer[Pentium] | **COMPUTER LAB 2 C 336 (ECE)** | 336600.00 | Working | 20.09.2003 |
| 2. | DESKTOP COMPUTERS CPU,KEYBOARD & MOUSE | | 142000.00 | Working | 16.12.2013 |
| 3. | ARM CORTEX M3 1768 | | 88867.00 | Working | 20.01.2018 |
| 4. | USB to serial converter | | 4740.00 | Working | 20.01.2018 |
| 5. | D LINK 24 PIN | | 3990.00 | Working | 19.03.2008 |
| 6. | FPGA/CPLD TRAINER KITS WITH ACCESSORIES | | 410000.00 | Working | 03.03.2005 |
| 7. | XILINX Foundation Series Software | | 35000.00 | Working | 03.03.2005 |
| 8. | D C Regulated Power supply(+_ 12V,5V,1.5A) | | | Working | 23.09.2005 |
| 9. | UNIVERSAL Programmer | | 13275.00 | Working | 20.10.2009 |
| 10. | EPSON LCD Projectors | | 16250.00 | Working | 24.09.2018 |
| 11. | LOGIC Controller Interface | | 27000.00 | Working | 22.07.2003 |
| 12. | DUAL DAC INTERFACE UNIT | | 3957.00 | Working | 19.02.2003 |
| 13. | Stepper Motor Interface Unit | | 2085.00 | Working | 23.09.2005 |
| 14. | LCD & Keyboard interface Unit | | 8965.00 | Working | 26.03.2008 |
| 15. | Digital storage Oscilloscape | | 1416.00 | Working | 27.06.2017 |
| 16. | BLACK LCD MONITER | | 29012.00 | Working | 30.03.2012 |
| 17. | D C Regulated Power supply (FIXED) (+26V,-0.1A+_ 12V,-0.2A,5V,2.5A) | | 118800.00 | Working | 30.10.2004 |
| 18. | LCD & Keyboard interface Unit | | 2500.00 | Working | 26.03.2008 |
| | | **TOTAL** | **1245873.00** | | |

**VLSI LAB:**

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1. | Desktop Computer[Pentium] | **VLSI LAB C 337 (ECE)** | 178200.00 | Working | 20.09.2003 |
| 2. | DESKTOP COMPUTERS CPU,KEYBOARD & MOUSE | | 88200.00 | Working | 16.12.2013 |
| 3. | ACER VERITON INTEL CORE I5 | | 821752.00 | Working | 10.08.2022 |
| 4. | EPSON LCD Projectors | | 27000.00 | Working | 24.09.2018 |
| 5. | BLACK LCD MONITER | | 86400.00 | Working | 30.03.2012 |
| 6. | Cadence 9.7 | | 1102500.00 | Working | 31.03.2022 |
| 7. | SPEAKER A SET OF TWO | | 457.00 | Working | 24.10.2005 |
| 8. | D LINK 24 PIN | | 3990.00 | Working | 19.03.2008 |
| 9. | IOT Components | | 26854.00 | Working | 16.01.2024 |
| 10. | PENDRIVE Sandisk 64GB 3.0 | | 330.00 | Working | 04.12.2024 |
| | | **TOTAL** | **2335683.00** | | |

Information about the equipment in Mechanical Engineering Department

| Sl. No | Item Description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date Of Purchase | Qty |
|---|---|---|---|---|---|---|
| 1. | Acer . Intel Core I5.9400@2.9ghz, 8GB RAM, 500GB HDD, Keyboard, Mouse, Monitor | Mechanical/CAD CAM Lab | 33040.00 | 39 Working 01 Not Working | 12.19.19 | 40 |
| 2. | Acer . Intel Core I3. 4170 @ 3.7 Ghz, 4GB RAM, 500GB HDD, KB, Mouse, Monitor | | 28400.60 | 08 Working 01 Not Working | 21.12.2015 | 09 |
| 3. | Pentium G630, 4GB RAM | | | 06 Working 01 Not Working | | 07 |
| 4. | Acer.Power Series Intel Core2 Duo @2.66Ghz, 4GB RAM, 160GB HDD, KB, Mouse, Monitor | | 20000.00 | 16 Working 06 Not Working | 04.08.2009 | 22 |
| 5. | Assembeled | | 12600.00 | Working | 03.10.2018 | 02 |
| 6. | Electropneumatic Trainer Kit | | 124999.66 | Working | 14.11.2009 | 01 |
| 7. | XL Mill CNC Bench Milling Machine – Non ATC | | 575000.00 | Working | 13.02.2010 | 01 |
| 8. | Cannon LBP 2900B | | 5865.00 | Working | 18.9.2010 | 01 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 9. | Cannon LBP 2900B | Mechanical /Mechanical Dean R & I | 5865.00 | Working | 21.5.2016 | 01 |
| 10. | Cannon MF241D | Mechanical/ HOD Chamber | | Working | 30.5.2020 | 01 |
| 11. | HP Laserjet P1108 | Mechanical/Staff Room | | Working | .. | 01 |
| 12. | HP Laserjet Tank MFP 2606SDW | Mechanical/CAD CAM Lab | | Working | 10.8.2023 | 01 |
| 13. | HP 1020 Plus | B Voc | | Working | . | 01 |
| 14. | Acer . X115H DLP SVGA 3300 | Mechanical/CAD CAM Lab | 23730.00 | Working | 31.03.2017 | 01 |
| 15. | Epson . EB S41 | | 27000.00 | Working | 24.09.2018 | 01 |
| 16. | Combo Drive – Samsung | | 2100.00 | Working | 24.10.05 | 01 |
| 17. | Speaker | | 427.00 | Working | 17.04.2006 | 01 |
| 18. | HP 2400 Scanner | | 3600.00 | Working | 12.04.07 | 01 |
| 19. | Samsung Combo Drive | | 1150.00 | Working | 10.10.07 | 01 |
| 20. | USB External DVD Writer | | 1846.25 | Working | 05.09.2013 | 01 |
| 21. | D Link 8 Port Switch | | 1350.00 | Working | | 02 |
| 22. | Install Lock Wall Mount Projection.9010 | | 2832.00 | Working | 24.10.18 | 01 |
| 23. | Harddisk 500GB | | 1186.00 | Working | 01.04.2019 | 01 |
| 24. | LAN Card Dlink | | 1829.00 | Working | 03.04.2019 | 02 |
| 25. | Cadem Software | | 130000.00 | Working | 24.09.2004 | 01 |
| 26. | Solid Edge V19 Software | | 220000.00 | Working | | 01 |
| 27. | Ansys 2019 R1 Software | | 425000.00 | Working | 30.3.2019 | 01 |
| 28. | UTM Machine | Mechanical/ Machine Shop | 7,40,000.00 | Working | 14.03.2017 | 01 |
| 29. | Computer System | | 41,831.00 | Working | 22.03.2017 | 01 |
| 30. | Electronic Weighing Balance | | 9,936.00 | Working | 11.03.2017 | 01 |
| 31. | Soxhlet Extraction Apparatus | Chemistry /Chemistry Lab | 9,098.00 | Working | 22.03.2017 | 01 |
| 32. | FFT Analyzer | Mechanical / Design Lab | 10,46,999.00 | Working | 22.10.2022 | 01 |
| 33. | Boys Gas Caloriemeter | | 58000.00 | Working | 14.12.2004 | 01 |

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| | (Ind Lab Engineers, Benagaluru) | | | | | |
| 34. | V.C.R Engine (Ind Lab Engineers, Benagaluru) | | 200000.00 | Working | 14.12.2004 | 01 |
| 35. | 4 Stroke V.T Diagram (Ind Lab Engineers, Benagaluru) | | 26000.00 | Working | 17.03.2005 | 01 |
| 36. | 2 Stroke P.T Diagram (Ind Lab Engineers, Benagaluru) | | 26000.00 | Working | 17.03.2005 | 01 |
| 37. | 4 Stroke Single Cylinder Diesel Engine(Ind Lab Engineers, Benagaluru) | | 110000.00 | Working | 17.03.2005 | 01 |
| 38. | Multi Cylinder Petrol Engine (Ind Lab Engineers, Benagaluru) | | 400000.00 | Not Working | 17.03.2005 | 01 |
| 39. | 2 Stroke Single Cylinder Petrol Engine(Ind Lab Engineers, Benagaluru) | | 153000.00 | Working | 25.04.2005 | 01 |
| 40. | Abel Flash & Fire Point Apparatus (Contech Micro Systems, Benagaluru) | Energy Conversion Engg Lab/Mechanical | 7500.00 | Working | 11.05.2005 | 01 |
| 41. | Pensky Martins Apparatus (Contech Micro Systems, Benagaluru) | | 7200.00 | Working | 11.05.2005 | 01 |
| 42. | Bomb Caloriemeter (Contech Micro Systems, Benagaluru) | | 45000.00 | Working | 11.05.2005 | 01 |
| 43. | Red Wood Viscometer (Contech Micro Systems, Benagaluru) | | 7000.00 | Working | 11.05.2005 | 01 |
| 44. | Say Bolt Viscometer (Contech Micro Systems, Benagaluru) | | 7000.00 | Working | 11.05.2005 | 01 |
| 45. | Torsion Viscometer (Contech Micro Systems, Benagaluru) | | 8200.00 | Working | 11.05.2005 | 01 |
| 46. | Planimeter (CONTECH MICRO SYSTEMS, BENAGALURU) | | 6000.00 | Working | 11.05.2005 | 01 |
| 47. | 4 Stroke Single Cylinder Petrol Engine | | 114750.00 | Not Working | 12.03.2005 | 01 |

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| | (Ind Lab Engineers, Benagaluru) | | | | | |
| 48. | Computerized Diesel Engine Test Rig With 5 Gas Analyzer ( VGST Project) (Team Infovision Pvt Ltd, B'lore) | | 300000.00 | Working | 15.08.2014 | 01 |
| 49. | Mini Bio Fuel Production Unit (Sri Siddaganga Institute Of Tchnology, Tumkur) | | 75000.00 | Working | 01.10.2020 | 01 |
| 50. | Pipe Friction Apparatus (Ind Lab Engineers, Benagaluru) | Mech/ Fluid Mechanics & Machinery Lab | 50500.00 | Working | 15.09.2003 | 01 |
| 51. | Orifice, Venturi And Rotometer Setup (Ind Lab Engineers, Benagaluru) | | 54400.00 | Working | 15.09.2003 | 01 |
| 52. | Centrifugal Pump Test Rig (Ind Lab Engineers, Benagaluru) | | 80000.00 | Working | 29.09.2003 | 01 |
| 53. | Reciprocating Pump Test Rig (Ind Lab Engineers, Benagaluru) | | 82000.00 | Working | 29.09.2003 | 01 |
| 54. | Impact Of Jet On Vanes Apparatus (Ind Lab Engineers, Benagaluru) | | 75000.00 | Working | 25.04.2005 | 01 |
| 55. | Notch Apparatus (Ind Lab Engineers, Benagaluru) | | 85000.00 | Working | 25.04.2005 | 01 |
| 56. | Pelton Wheel Turbine (Ind Lab Engineers, Benagaluru) | | 140000.00 | Working | 03.06.2005 | 01 |
| 57. | Multi Stage Centrifugal Pump Test Rig Attachment (Ind Lab Engineers, Benagaluru) | | 40000.00 | Working | 03.06.2005 | 01 |
| 58. | Two Stage Reciprocating Air Compressor Test Rig (Ind Lab Engineers, Benagaluru) | | 150000.00 | Working | 03.06.2005 | 01 |
| 59. | Loss Of Head On Pipes Attachment (Minor Loss) | | 15000.00 | Working | 15.06.2003 | 01 |

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|---|---|---|---|---|---|---|
| | (Ind Lab Engineers, Benagaluru) | | | | | |
| 60. | Francis Turbine (Ind Lab Engineers, Benagaluru) | | 275000.00 | Working | 15.07.2005 | 01 |
| 61. | Centrifugal Air Blower Test Rig(Ind Lab Engineers, Benagaluru) | | 165000.00 | Working | 15.07.2005 | 01 |
| 62. | Pipe Friction Apparatus (Ind Lab Engineers, Benagaluru) | | 50500.00 | Working | 15.09.2003 | 01 |
| 63. | Orifice, Venturi And Rotometer Setup (Ind Lab Engineers, Benagaluru) | | 54400.00 | Working | 15.09.2003 | 01 |
| 64. | Centrifugal Pump Test Rig (Ind Lab Engineers, Benagaluru) | | 80000.00 | Working | 29.09.2003 | 01 |
| 65. | Reciprocating Pump Test Rig (Ind Lab Engineers, Benagaluru) | | 82000.00 | Working | 29.09.2003 | 01 |
| 66. | Impact Of Jet On Vanes Apparatus (Ind Lab Engineers, Benagaluru) | | 75000.00 | Working | 25.04.2005 | 01 |
| 67. | Notch Apparatus (Ind Lab Engineers, Benagaluru) | | 85000.00 | Working | 25.04.2005 | 01 |
| 68. | Pelton Wheel Turbine (Ind Lab Engineers, Benagaluru) | | 140000.00 | Working | 03.06.2005 | 01 |
| 69. | Multi Stage Centrifugal Pump Test Rig Attachment (Ind Lab Engineers, Benagaluru) | | 40000.00 | Working | 03.06.2005 | 01 |
| 70. | Two Stage Reciprocating Air Compressor Test Rig (Ind Lab Engineers, Benagaluru) | | 150000.00 | Working | 03.06.2005 | 01 |
| 71. | Loss Of Head On Pipes Attachment (Minor Loss) (Ind Lab Engineers, Benagaluru) | | 15000.00 | Working | 15.06.2003 | 01 |
| 72. | Francis Turbine (Ind Lab Engineers, Benagaluru) | | 275000.00 | Working | 15.07.2005 | 01 |

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|---|---|---|---|---|---|---|
| 73. | Centrifugal Air Blower Test Rig(Ind Lab Engineers, Benagaluru) | | 165000.00 | Working | 15.07.2005 | 01 |
| 74. | Thermal Conductivity Of A Metal Rod Apparatus (Data Cone Engineers, Sangli. Pune) | Mechanical/Heat Transfer Lab | 17957.00 | Working | 16.10.2005 | 01 |
| 75. | Composite Wall Apparatus (Data Cone Engineers, Sangli. Pune) | | 16978.00 | Working | 16.10.2005 | 01 |
| 76. | Effectiveness On A Metallic Pin.Fin Apparatus (Data Cone Engineers, Sangli. Pune) | | 17566.00 | Working | 16.10.2005 | 01 |
| 77. | Free Convection Apparatus (Data Cone Engineers, Sangli. Pune) | | 17880.00 | Working | 16.10.2005 | 01 |
| 78. | Forced Convection Apparatus (Data Cone Engineers, Sangli. Pune) | | 20151.00 | Working | 16.10.2005 | 01 |
| 79. | Emissivity Measurement Apparatus (Data Cone Engineers, Sangli. Pune) | | 18512.00 | Working | 16.10.2005 | 01 |
| 80. | Stefan Boltzmann Apparatus (Data Cone Engineers, Sangli. Pune) | | 19950.00 | Working | 16.10.2005 | 01 |
| 81. | Parallel Flow And Counter Flow Heat Exchanger Apparatus (Data Cone Engineers, Sangli. Pune) | | 29705.00 | Working | 16.10.2005 | 01 |
| 82. | Drop & Film Wise Condensation Apparatus (Data Cone Engineers, Sangli. Pune) | | 25180.00 | Not Working | 16.10.2005 | 01 |
| 83. | Vapour Compression Refrigerator Test Rig. (Data Cone Engineers, Sangli. Pune) | | 50751.00 | Working | 23.10.2005 | 01 |
| 84. | Air Conditioning Cycle Test Rig. (Data Cone | | 65410.00 | Working | 23.10.2005 | 01 |

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| | Engineers, Sangli. Pune) | | | | | |
| 85. | Universal Vibration Test Rig (Regular) | Mechanical/ Design Lab | 60000.00 | Working | 16.4.2006 | 01 |
| 86. | Static and Dynamic Balancing of Weights | | 18500.00 | Working | 16.4.2006 | 01 |
| 87. | Motorised Gyroscope | | 22000.00 | Working | 16.4.2006 | 01 |
| 88. | Universal Governor | | 30000.00 | Working | 16.4.2006 | 01 |
| 89. | Cam Analysis Machine | | 28000.00 | Working | 16.4.2006 | 01 |
| 90. | Model Cutter | | 19500.00 | Working | 16.4.2006 | 01 |
| 91. | Model Polisher | | 19500.00 | Working | 16.4.2006 | 01 |
| 92. | 12 Diffused Light Research Polariscope | | 140000.00 | Working | 16.4.2006 | 01 |
| 93. | Strain Gauge Rosette Apparatus | | 65000.00 | Working | 16.4.2006 | 01 |
| 94. | Epicyclic Gear Train Apparatus | | 50000.00 | Working | 16.4.2006 | 01 |
| 95. | Turner 4 ½ ' Lathe (Universal) | Mechanical/ Machine Shop | 52428.40 | Working | 7.11.2004 | 08 |
| 96. | Shaping Machine (Universal) | | 65000.00 | Working | 7.12.2004 | 02 |
| 97. | Radial Drilling Machine (Universal) | | 45000.00 | Working | 7.12.2004 | 01 |
| 98. | Milling Machine (Universal) | | 119923.00 | Working | 5.1.2005 | 01 |
| 99. | Pedestal Grinding Machine (Universal) | | 4350.00 | Working | 7.12.2004 | 01 |
| 100 | Vernier caliper (0 to 150 mm) | | 1950.00 | Working | | 01 |
| 101 | Steel rule | | 25.00<br>60.00 | Working | 3.12.2004<br>14.3.2007 | 06<br>06 |
| 102 | Cutting plier | | 150.00 | Working | 7.12.2004 | 01 |
| 103 | Outside spring caliper | | 25.00<br>43.00 | Working | 7.12.2004<br>14.3.2007 | 05<br>07 |
| 104 | Inside caliper | | 25.00 | Working | 7.12.2004 | 03 |
| 105 | Taper shank drill bit 13, 15,18,22,20,25 | | 4508.00 | Working | 7.12.2004 | 01 |
| 106 | Straight shank drill bit 6 .12.5mm | | 2109.00 | Working | 3.12.2004 | 01 |
| 107 | Taper drill socket<br>MT1<br>MT2<br>MT2 | | 150.00<br>180.00<br>135.00 | Working | 29.11.2005<br>29.11.2005<br>14.3.2007 | 01<br>01<br>03 |
| 108 | Grease gun | | 310.00 | Working | 29.11.2005 | 02 |
| 109 | T –Slot cutter<br>16x5mm<br>22X10mm | | 1790.00<br>2210.00 | Working | 14.3.2007<br>14.3.2007 | 01<br>01 |
| 110 | Try square 6" | | 110.00 | Working | 14.3.2007 | 02 |
| 111 | Center gauge $60^0$ | | 145.00 | Working | 14.3.2007 | 02 |

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| | $55^0$<br>$55^0$ | | 145.00<br>65.00 | | 14.3.2007<br>14.3.2007 | 02<br>01 |
| 112 | Flat file rough 10”<br>Flat file smooth 10” | | 85.00<br>150.00 | Working | 14.3.2007<br>14.3.2007 | 02<br>02 |
| 113 | Triangular file rough 8”<br>Triangular file smooth 8” | | 145.00<br>165.00 | Working | 14.3.2007<br>14.3.2007 | 02<br>02 |
| 114 | Hacksaw frame<br>Hacksaw frame | | 215.00<br>90.00 | Working | 14.3.2007<br>17.11.2011 | 01<br>02 |
| 115 | Spur gear cutter Module 2 No.4 | | 1402.00 | Working | 29.11.2005 | 01 |
| 116 | Spur gear cutter Module 2 No.8 | | 1790.00 | Working | 14.3.2007 | 01 |
| 117 | Spur gear cutter Module 2 . No.5 | | 2132.00 | Working | 2.11.2009 | 01 |
| 118 | G clamp | | 367.50 | Working | 14.11.2011 | 02 |
| 119 | Knurling tool holder with rollers | | 250.00 | Working | 20.12.2004 | 02 |
| 120 | Knurling rollers straight 1.5mm pitch<br>Knurling rollers diamond1.5mm pitch | | 140.00<br>140.00 | Working | 14.3.2007<br>14.3.2007 | 04<br>04 |
| 121 | Universal Testing Machine (Blue Star Ltd.) | Mechanical / Material Testing Lab | 366266.00 | Working | 29.09.2003 | 01 |
| 122 | Impact Tester (Blue Star Ltd.) | | 49190.00 | Working | 29.09.2003 | 01 |
| 123 | Rockwell Hardness Tester (Blue Star Ltd.) | | 28320.00 | Working | 29.09.2003 | 01 |
| 124 | Torsion Testing Machine (Blue Star Ltd.) | | 84045.00 | Working | 05.12.2004 | 01 |
| 125 | Vickers Hardness Tester (Blue Star Ltd.) | | 71159.00 | Working | 05.12.2004 | 01 |
| 126 | Brinell Hardness Testing Machine (Blue Star Ltd.) | | 48220.00 | Working | 06.12.2004 | 01 |
| 127 | Single Disk Polisher (Sastha Scientific Agencies) | | 25000.00 | Working | 02.09.2003 | 01 |
| 128 | Metallurgical Microscope (Sastha Scientific Agencies) | | 8500.00 | Working | 02.09.2003 | 01 |
| 129 | Pin On Disc Wear Testing Machine (Contech Micros System) | | 130000.00 | Working | 01.10.2003 | 01 |
| 130 | Electronic Balance | | 15000.00 | Working | 01.10.2003 | 01 |

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| | (Contech Micros System) | | | | | |
| 131 | Dial Gauge (Baker Gauges India Pvt. Ltd.) | | 4300.00 | Working | 29.11.2005 | 01 |
| 132 | Ultrasonic Flaw Detector (Contech Micros System) | | 124600.00 | Working | 17.10.2008 | 01 |
| 133 | Magnetic Crack Detector (Contech Micros System) | | 39500.00 | Working | 17.10.2008 | 01 |
| 134 | Hydraulic hot press (VGST) (Katwa Software Pvt. Ltd.) | | 349734.00 | Working | 06.11.2015 | 01 |

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1. | Acer LCD Projector – 01 | ISE – Computer Center Lab | Rs. 35,000.00 | Working | 2007 |
| 2. | White Board with Aluminum Frame with Stand -01 | ISE – Computer Center Lab | Rs. 2,900.00 | Working | 2010 |
| 3. | Notice Board with Deluxe Frame – 01 | ISE – Computer Center Lab | Rs. 2,850.00 | Working | 2010 |
| 4. | SSA160E Ahuja Amplifier, Studio Master Wireless Mic ER58/EM 58, SMX 302T Speakers 4 Nos - 01 | ISE – Computer Center Lab | Rs. 27,974.00 | Working | 2011 |
| 5. | Wall Mounting Fan – 04 | ISE – Computer Center Lab | Rs. 8,640.00 | Working | 2012 |
| 6. | Acer Veriton Black Intel Pentium Core i3, 3.70 GHz Processor, 4GB RAM, 500GB HDD, 20 Inch LED Monitor, USB Keyboard, USB Mouse. - 30 | ISE – Computer Center Lab | Rs. 9,52,950.00 | Working | 2015 |
| 7. | Epson LCD Projector – 01 | ISE – Computer Center Lab | Rs. 27,000.00 | Working | 2018 |
| 8. | Solar Charger Controller Capacity: 20KVA/240V, Procom – 01 | ISE – Computer Center Lab | Rs. 53.550.00 | Working | 01/08/2019 |
| 9. | Battery 20 Prolite Ultra Tubular – 20 | ISE – Computer Center Lab | Rs.1,60,000.00 | Working | 09/10/2020 |
| 10. | CAT6 cable Upgrade Dlink-28 Port Switches, U Network Rack, Patch Pannel, Cable Box, Rj 45 Jacks, Face Plates – 01 | ISE – Computer Center Lab | Rs.2,41,723.00 | Working | 25/04/2022 |
| 11. | Acer Veriton Black Intel Pentium Core i5 2.70 GHz Processor, 8GB RAM, 250GB SSD HDD, 21' Inch LCD Monitor, USB Keyboard, USB Mouse. - 30 | ISE – Computer Center Lab | Rs. 12,32,640.00 | Working | 09/06/2022 |
| 12. | I Active All in One Pc Core i5, 2.5ghz 12th Gen, 16GB Ram, 500SSD HDD, Windows 11 Pro OS with Keyboard & Mouse - 10 | ISE – Computer Center Lab | Rs. 2,85,010.00 | Working | 22/04/2025 |
| 13. | Acer Veriton Black Intel Pentium G630 2.70 GHz Processor, 4GB RAM, 500GB HDD, 19 Inch LCD Monitor, USB Keyboard, USB Mouse. - 13 | ISE – Project Lab | Rs. 2,57,400.00 | Working | 30-03-2012 |
| 14. | Intel Core i3, 4GB Ram, 500GB HDD – 01 | ISE – Project Lab | Rs.12,600.00 | Working | 03-10-2018 |
| 15. | Acer Computer Systems Core i5, 8 GB DDR4 RAM / SSD 512 GB, 20 Inch LCD Monitor, USB Keyboard, USB Mouse. - 01 | ISE – Project Lab | Rs.33,040.00 | Working | 19-12-2019 |

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| 16. | I Active All in One Pc Core i5, 2.5ghz 12th Gen, 16GB Ram, 500SSD HDD, Windows 11 Pro OS with Keyboard & Mouse - 05 | ISE – Project Lab | Rs.1,42,505.00 | Working | 22/04/2025 |
| 17. | Onida Split Air Conditioner - 02 | ISE – Project Lab | Rs.50,666.00 | Working | 19-01-2006 |
| 18. | Dubas 10 KVA Online UPS – 01 | ISE – Project Lab | Rs.1,30,000.00 | Working | 05-03-2006 |
| 19. | Active Pixel 2 MP SL 3.6mm IR Dome Color CC Camera - 01 | ISE – Project Lab | Rs.2,478.00 | Working | 03-02-2020 |
| 20. | Smart Board -01 | ISE – Project Lab | Rs.99,000.00 | Working | 23-02-2007 |
| 21. | Canon LBP 2900B Laser Jet Printer - 01 | ISE – Project Lab | Rs.11,400.00 | Working | 12-11-2021 |
| 22. | 48 Port D-Link Network Switch - 01 | ISE – Project Lab | Rs.15,900.00 | Working | 12-12-2019 |
| 23. | Acer Computer Systems Core i5, 8 GB DDR4 RAM / SSD 512 GB, 20 Inch LCD Monitor, USB Keyboard, USB Mouse. - 25 | ISE – Network Lab | Rs.8,26,000.00 | Working | 19-12-2019 |
| 24. | Onida Split Air Conditioner -01 | ISE – Network Lab | Rs.29,500.00 | Working | 19-02-2008 |
| 25. | Acer Projector X1111A - 01 | ISE – Network Lab | Rs.20,000.00 | Working | 30-03-2012 |
| 26. | TP Link 48 Port Network Switch - 01 | ISE – Network Lab | Rs.18,835.00 (Approx Cost) | Working | 06-04-2021 |
| 27. | 10KVA/240V Dubas UPS - 01 | ISE – Network Lab | Rs.1,30,000.00 | Working | 05-03-2006 |
| 28. | Active Pixel 2 MP SL 3.6mm IR Dome Color CC Camera - 01 | ISE – Network Lab | Rs. 2,478.00 | Working | 03-02-2020 |

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 29. | Acer LCD Projector – 01 | ISE – Computer Center Lab | Rs. 35,000.00 | Working | 2007 |
| 30. | White Board with Aluminum Frame with Stand -01 | ISE – Computer Center Lab | Rs. 2,900.00 | Working | 2010 |
| 31. | Notice Board with Deluxe Frame – 01 | ISE – Computer Center Lab | Rs. 2,850.00 | Working | 2010 |
| 32. | SSA160E Ahuja Amplifier, Studio Master Wireless Mic ER58/EM 58, SMX 302T Speakers 4 Nos - 01 | ISE – Computer Center Lab | Rs. 27,974.00 | Working | 2011 |
| 33. | Wall Mounting Fan – 04 | ISE – Computer Center Lab | Rs. 8,640.00 | Working | 2012 |
| 34. | Acer Veriton Black Intel Pentium Core i3, 3.70 GHz Processor, 4GB RAM, 500GB HDD, 20 Inch LED Monitor, USB Keyboard, USB Mouse. - 30 | ISE – Computer Center Lab | Rs. 9,52,950.00 | Working | 2015 |
| 35. | Epson LCD Projector – 01 | ISE – Computer Center Lab | Rs. 27,000.00 | Working | 2018 |
| 36. | Solar Charger Controller Capacity: 20KVA/240V, Procom – 01 | ISE – Computer Center Lab | Rs. 53.550.00 | Working | 01/08/2019 |
| 37. | Battery 20 Prolite Ultra Tubular – 20 | ISE – Computer Center Lab | Rs.1,60,000.00 | Working | 09/10/2020 |
| 38. | CAT6 cable Upgrade Dlink-28 Port Switches, U Network Rack, Patch Pannel, Cable Box, Rj 45 Jacks, Face Plates – 01 | ISE – Computer Center Lab | Rs.2,41,723.00 | Working | 25/04/2022 |
| 39. | Acer Veriton Black Intel Pentium Core i5 2.70 GHz Processor, 8GB RAM, 250GB SSD HDD, 21' Inch LCD Monitor, USB Keyboard, USB Mouse. - 30 | ISE – Computer Center Lab | Rs. 12,32,640.00 | Working | 09/06/2022 |
| 40. | I Active All in One Pc Core i5, 2.5ghz 12th Gen, 16GB Ram, 500SSD HDD, Windows 11 Pro OS with Keyboard & Mouse - 10 | ISE – Computer Center Lab | Rs. 2,85,010.00 | Working | 22/04/2025 |
| 41. | Acer Veriton Black Intel Pentium G630 2.70 GHz Processor, 4GB RAM, 500GB HDD, 19 Inch LCD Monitor, USB Keyboard, USB Mouse. - 13 | ISE – Project Lab | Rs. 2,57,400.00 | Working | 30-03-2012 |
| 42. | Intel Core i3, 4GB Ram, 500GB HDD – 01 | ISE – Project Lab | Rs.12,600.00 | Working | 03-10-2018 |
| 43. | Acer Computer Systems Core i5, 8 GB DDR4 RAM / SSD 512 GB, 20 Inch LCD Monitor, USB Keyboard, USB Mouse. - 01 | ISE – Project Lab | Rs.33,040.00 | Working | 19-12-2019 |

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|---|---|---|---|---|---|
| 44. | I Active All in One Pc Core i5, 2.5ghz 12th Gen, 16GB Ram, 500SSD HDD, Windows 11 Pro OS with Keyboard & Mouse - 05 | ISE – Project Lab | Rs.1,42,505.00 | Working | 22/04/2025 |
| 45. | Onida Split Air Conditioner - 02 | ISE – Project Lab | Rs.50,666.00 | Working | 19-01-2006 |
| 46. | Dubas 10 KVA Online UPS – 01 | ISE – Project Lab | Rs.1,30,000.00 | Working | 05-03-2006 |
| 47. | Active Pixel 2 MP SL 3.6mm IR Dome Color CC Camera - 01 | ISE – Project Lab | Rs.2,478.00 | Working | 03-02-2020 |
| 48. | Smart Board -01 | ISE – Project Lab | Rs.99,000.00 | Working | 23-02-2007 |
| 49. | Canon LBP 2900B Laser Jet Printer - 01 | ISE – Project Lab | Rs.11,400.00 | Working | 12-11-2021 |
| 50. | 48 Port D-Link Network Switch - 01 | ISE – Project Lab | Rs.15,900.00 | Working | 12-12-2019 |
| 51. | Acer Computer Systems Core i5, 8 GB DDR4 RAM / SSD 512 GB, 20 Inch LCD Monitor, USB Keyboard, USB Mouse. - 25 | ISE – Network Lab | Rs.8,26,000.00 | Working | 19-12-2019 |
| 52. | Onida Split Air Conditioner -01 | ISE – Network Lab | Rs.29,500.00 | Working | 19-02-2008 |
| 53. | Acer Projector X1111A - 01 | ISE – Network Lab | Rs.20,000.00 | Working | 30-03-2012 |
| 54. | TP Link 48 Port Network Switch - 01 | ISE – Network Lab | Rs.18,835.00 (Approx Cost) | Working | 06-04-2021 |
| 55. | 10KVA/240V Dubas UPS - 01 | ISE – Network Lab | Rs.1,30,000.00 | Working | 05-03-2006 |
| 56. | Active Pixel 2 MP SL 3.6mm IR Dome Color CC Camera - 01 | ISE – Network Lab | Rs. 2,478.00 | Working | 03-02-2020 |

**Information About the Equipment**

| Sl. No | Item description (Make Model) | Location (Department) | Qty. | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|---|
| 1 | Acer Veriton PD@3Ghz,4GB,500GB HDD,KB,MOUSE,LED MONITOR | CSE-MCES LAB | 2 | 39600 | WORKING | 30.3.2012 |
| 2 | Acer Veriton Corei3@3Ghz, 4GB,500GB HDD, KB,MOUSE,LED MONITOR | | 3 | 85201 | | 21.12.2015 |
| 3 | Acer Veriton Corei5@3Ghz, 8GB,500GB HDD, KB,MOUSE,LED MONITOR | | 5 | 165200 | | 19.12.2019 |
| 4 | Acer Veriton Corei5@2.6Ghz, 8GB,256GB SSD, KB,MOUSE,LED MONITOR | | 10 | 410876 | | 9.6.2022 |
| 5 | IACTIVE All in One Computer (AIO), Corei5@2.5Ghz, 16GB,512GB NVME, KB,MOUSE, | | 7 | 199507 | | 22.04.2025 |
| 6 | Acer Veriton Corei5@3Ghz, 8GB,500GB HDD, KB,MOUSE,LED MONITOR | CSE – Algorithms Lab | 15 | 616314 | WORKING | 9.6.2022 |

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|---|---|---|---|---|---|---|
| 7 | IACTIVE All in One Computer (AIO), Corei5@2.5Ghz, 16GB, 512GB NVME, KB,MOUSE | | 18 | 513018 | | 22.04.2025 |
| 8 | IACTIVE All in One Computer (AIO), Corei5@2.5Ghz, 16GB, 512GB NVME, KB,MOUSE | CSE – C322 | 45 | 1282545 | WORKING | 22.04.2025 |
| 9 | OPS System | | 22 | 330000 | | Old System |
| 10 | AMD Processor Assembled System,4GB,256GB HDD,KB,MOUSE,MONITOR | | 20 | 200000 | | Old System |
| 11 | Intel Core i3, 4GB Ram, 500GB HDD | CSE – Windows Lab | 06 | - | WORKING | |
| 12 | OPS 11th Gen Intel Core I7 1180G7 @ 1.30 Ghz, 8 GB RAM, 240 GB HDD | | 15 | - | | |
| 13 | I Active All in One Pc Core i5, 2.5ghz 12th Gen, 16GB Ram, 500 SSD HDD | | 20 | 570020 | | 22.04.2025 |
| 14 | Intel Core i5, 9400 8GB DDR4, 512 GB HDD | | 29 | 1191523 | | 9.6.2022 |

# Department of Civil Engineering

## Engineering Geology Lab

| Sl. No. | Name of the Instruments/Software required | Specification | Location Department | Existing present Condition | To be Procured (Appx. Cost) | Date of Purchase |
|---|---|---|---|---|---|---|
| 1 | Minerals | 192 Minerals | Geology Lab Room No.31 | Yes GOOD | 75,000 | 2010 |
| 2 | Rocks | 200 Rocks | Geology Lab Room No.31 | Yes GOOD | 75,000 | 2010 |

## CAD Laboratory

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1 | ACER X1111A DLP PROECTOR MODEL NO :QSV1033 SERIAL NO: EYJD105010 | Civil CAD Lab | 31,000 | Working | 26-04-2012 |
| 2 | DESKTOP COMPUTER ACER WITH MONITOR CORE I3 /4GB /500GB HDD-33Nos | Civil CAD Lab | 9,37,200 | Working | 21-12-2015 |

| | | | | | |
|---|---|---|---|---|---|
| 3 | EPSON INJECT A3 PRINTER L1300 | Civil CAD Lab | 24,500 | Working | 19-12-2018 |
| 4 | DESKTOP COMPUTER ACER 11th gen Intel (R) , core (TM) , I5-11400 @2.60GHZ -2.59GHZ , 8.00gb-RAM , 64-Bitos , X64- 5Nos | Civil CAD Lab | 2,05,438 | Working | 09-06-2022 |
| 5 | I-ACTIVE All in Desktop Computers (AIO) 23.8inch Model AIO24010B-i5 Processor 12th GEN 16GB RAM 512GB NVME | Civil CAD Lab | 8,55,058 | Working | 22-04-2025 |

## Environmental Engineering Laboratory

| SI. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1 | Muffle furnace (Time star- 2019_ | Environmental Lab | 12,800 | Working | 21/09/2013 |
| 2 | Micro oven (Elextrolux-2019) | Environmental Lab | 9,800 | Working | 21/09/2013 |
| 3 | Digital conductivity meter (Time star - 2019) | Environmental Lab | 31,200 | Working | 21/09/2013 |
| 4 | Jar Test Apparatus (2013) | Environmental Lab | 23,600 | Working | 21/09/2013 |
| 5 | COD Digestion apparatus (Time star-2013) | Environmental Lab | 39,600 | Working | 21/09/2013 |
| 6 | Nephlometer (2013) | Environmental Lab | 5,800 | Working | 21/09/2013 |
| 7 | Digital Colony Counter (Time star - 2013) | Environmental Lab | 2,950 | Working | 21/09/2013 |
| 8 | Weighing balance (Wensar – 2013) | Environmental Lab | 3,500 | Working | 21/09/2013 |
| 9 | Digital PH meter (Systronics – 2015) | Environmental Lab | 18,000 | Working | 10/09/2015 |
| 10 | Digital Conductivity meter (Systronics – 2015) | Environmental Lab | 12,000 | Working | 10/09/2015 |
| 11 | Digital Portable Turbidity meter (Time star- 2017) | Environmental Lab | 28,000 | Working | 10/09/2017 |
| 12 | Sound level meter ( Lutron -2019) | Environmental Lab | 5,900 | Working | 26/02/2019 |

| | | | | | |
|---|---|---|---|---|---|
| 13 | High volume sampler (Greentech instrument-2019) | Environmental Lab | 65,859 | Working | 22/03/2019 |
| 14 | Conductivity TDS meter (Systronics – 2019) | Environmental Lab | 28,202 | Working | 24/04/2019 |
| 15 | Flocculator – Jar Test Apparatus (2019) | Environmental Lab | 43,931 | Working | 09/09/2019 |
| 16 | Electronic scale (Gold Balance) | Environmental Lab | 9,409 | Working | 09/09/2019 |

## Concrete and Highway Materials Lab

| SI. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1 | Slump Test Apparatus (Bharath Trade links 2011) | Civil Engineering | 9315=00 | Working | 08-11-2011 |
| 2 | Compaction Factor Apparatus (Bharath Trade links 2011) | Civil Engineering | 19080=00 | Working | 08-11-2011 |
| 3 | Vee Bee Consistometer (Bharath Trade links 2011) | Civil Engineering | 40680=00 | Working | 08-11-2011 |
| 4 | Mould Cast Iron 70.6 mm Cube (Bharath Trade links 2011) | Civil Engineering | 9720=00 | Working | 08-11-2011 |
| 5 | Mould Cast Iron 150 mm Cube (Bharath Trade links 2011) | Civil Engineering | 33750=00 | Working | 08-11-2011 |
| 6 | Tamping rod steel 16 mm dia (Bharath Trade links 2011) | Civil Engineering | 1470=00 | Working | 08-11-2011 |
| 7 | Beam Mould 150 mm X 150 mm X 700 mm (Bharath Trade links 2011) | Civil Engineering | 28890=00 | Working | 08-11-2011 |
| 8 | Tamping rod steel 25 mm X 25 mm dia (Bharath Trade links 2011) | Civil Engineering | 963=00 | Working | 08-11-2011 |
| 9 | Cylindrical Mould Cast Iron 150 mm X 150 mm | Civil Engineering | 8910=00 | Working | 08-11-2011 |

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|---|---|---|---|---|---|
| | (Bharath Trade links 2011) | | | | |
| 10 | Cylindrical Mould Cast Iron 300 mm X 300 mm (Bharath Trade links 2011) | Civil Engineering | 30240=00 | Working | 08-11-2011 |
| 11 | Vibrating Table 75 cm X 75 cm (Bharath Trade links 2011) | Civil Engineering | 58050=00 | Working | 08-11-2011 |
| 12 | Vicat Apparatus (Bharath Trade links 2011) | Civil Engineering | 8370=00 | Working | 08-11-2011 |
| 13 | Le Chatelier Mould (Bharath Trade links 2011) | Civil Engineering | 3600=00 | Working | 08-11-2011 |
| 14 | Cement Autoclave Machine (Bharath Trade links 2011) | Civil Engineering | 93600=00 | Working | 08-11-2011 |
| 15 | Thickness Gauge (Bharath Trade links 2011) | Civil Engineering | 8100=00 | Working | 08-11-2011 |
| 16 | Length Gauge (Bharath Trade links 2011) | Civil Engineering | 8100=00 | Working | 08-11-2011 |
| 17 | Density Basket (Bharath Trade links 2011) | Civil Engineering | 5400=00 | Working | 08-11-2011 |
| 18 | Aggregate Impact Tester (Bharath Trade links 2011) | Civil Engineering | 16200=00 | Working | 08-11-2011 |
| 19 | LA Abrasion Testing Machine (Bharath Trade links 2011) | Civil Engineering | 97200=00 | Working | 08-11-2011 |
| 21 | Measuring Cylinder 50 ml (Bharath Trade links 2011) | Civil Engineering | 405=00 | Working | 08-11-2011 |
| 22 | Measuring Cylinder 100 ml (Bharath Trade links 2011) | Civil Engineering | 625=00 | Working | 08-11-2011 |
| 23 | Measuring Cylinder 250 ml | Civil Engineering | 567=00 | Working | 08-11-2011 |

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|---|---|---|---|---|---|
| | (Bharath Trade links 2011) | | | | |
| 24 | Measuring Cylinder 500 ml (Bharath Trade links 2011) | Civil Engineering | 945=00 | Working | 08-11-2011 |
| 25 | Measuring Cylinder 1000 ml (Bharath Trade links 2011) | Civil Engineering | 2430=00 | Working | 08-11-2011 |
| 26 | Measuring Cylinder 2000 ml (Bharath Trade links 2011) | Civil Engineering | 5400=00 | Working | 08-11-2011 |
| 27 | Volumetric Flask 500 ml (Bharath Trade links 2011) | Civil Engineering | 1998=00 | Working | 08-11-2011 |
| 28 | Sp. Gravity Bottle 50 ml (Bharath Trade links 2011) | Civil Engineering | 7020=00 | Working | 08-11-2011 |
| 29 | Desicators Vacuum type 250 mm dia (Bharath Trade links 2011) | Civil Engineering | 9540=00 | Working | 08-11-2011 |
| 30 | GI frame 45 cm dia sieve set 80 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 31 | GI frame 45 cm dia sieve set 63 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 32 | GI frame 45 cm dia sieve set 40 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 33 | GI frame 45 cm dia sieve set 20 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 34 | GI frame 45 cm dia sieve set 12.5 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 35 | GI frame 45 cm dia sieve set 10 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |

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|---|---|---|---|---|---|
| 36 | GI frame 45 cm dia sieve set 4.75 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 37 | Pan and cover 1 set (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 38 | GI frame 45 cm dia sieve set 90 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 39 | GI frame 45 cm dia sieve set 53 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 40 | GI frame 45 cm dia sieve set 45 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 41 | GI frame 45 cm dia sieve set 22.4 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 42 | GI frame 45 cm dia sieve set 11.2 mm (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 43 | Pan and cover 1 set (Bharath Trade links 2011) | Civil Engineering | 1980=00 | Working | 08-11-2011 |
| 44 | IS sieve 20 cm dia 4.75 mm (Bharath Trade links 2011) | Civil Engineering | 1620=00 | Working | 08-11-2011 |
| 45 | IS sieve 20 cm dia 2.36 mm (Bharath Trade links 2011) | Civil Engineering | 1620=00 | Working | 08-11-2011 |
| 46 | IS sieve 20 cm dia 1.18 mm (Bharath Trade links 2011) | Civil Engineering | 1620=00 | Working | 08-11-2011 |
| 47 | IS sieve 20 cm dia 600 µm (Bharath Trade links 2011) | Civil Engineering | 1620=00 | Working | 08-11-2011 |
| 48 | IS sieve 20 cm dia 300 µm (Bharath Trade links 2011) | Civil Engineering | 1620=00 | Working | 08-11-2011 |

| | | | | | |
|---|---|---|---|---|---|
| 49 | IS sieve 20 cm dia 150 µm (Bharath Trade links 2011) | Civil Engineering | 1620=00 | Working | 08-11-2011 |
| 50 | Pan and cover (Bharath Trade links 2011) | Civil Engineering | 1890=00 | Working | 08-11-2011 |
| 51 | Vibrating Machine with digital timer (Bharath Trade links 2011) | Civil Engineering | 48600=00 | Working | 08-11-2011 |
| 52 | Bitumen Pentrometer (Bharath Trade links 2011) | Civil Engineering | 27951=00 | Working | 08-11-2011 |
| 53 | Ring and Ball Apparatus (Bharath Trade links 2011) | Civil Engineering | 12960=00 | Working | 08-11-2011 |
| 54 | Flash and Fire point closed type (Bharath Trade links 2011) | Civil Engineering | 14850=00 | Working | 08-11-2011 |
| 55 | Flash and Fire point open type (Bharath Trade links 2011) | Civil Engineering | 14850=00 | Working | 08-11-2011 |
| 56 | Standard Tar Viscometer (Bharath Trade links 2011) | Civil Engineering | 13356=00 | Working | 08-11-2011 |
| 57 | Ductility Testing Apparatus (Bharath Trade links 2011) | Civil Engineering | 68040=00 | Working | 08-11-2011 |
| 58 | Electronic weighing scale 1.5 kg (DS-852) | Civil Engineering | 10769=00 | Working | 23-08-2012 |
| 59 | Electronic weighing scale 15 kg (DS-252) | Civil Engineering | 6182=00 | Working | 23-08-2012 |
| 60 | Compression Strength Testing Machine (LS International 2012) | Civil Engineering | 236500=00 | Working | 03-12-2012 |
| 61 | Mould Cast Iron 150 mm Cube (LS International 2012) | Civil Engineering | 18375=00 | Working | 25-09-2012 |
| 62 | Beam Mould 150 mm X 150 mm X 700 mm | Civil Engineering | 14300=00 | Working | 25-09-2012 |

| | | | | | |
|---|---|---|---|---|---|
| | (LS International 2012) | | | | |
| 63 | Cylindrical Mould 150 mm X 150 mm (LS International 2012) | Civil Engineering | 4700=00 | Working | 25-09-2012 |
| 64 | Cylindrical Mould 150 mm X 150 mm (LS International 2012) | Civil Engineering | 7000=00 | Working | 25-09-2012 |
| 65 | Flow Table Apparatus (LS International 2012) | Civil Engineering | 12500=00 | Working | 03-10-2017 |
| 66 | V Funnel Apparatus (LS International 2012) | Civil Engineering | 11500=00 | Working | 03-10-2017 |
| 67 | J Ring Apparatus (LS International 2012) | Civil Engineering | 12000=00 | Working | 03-10-2017 |
| 68 | U Box Apparatus (LS International 2012) | Civil Engineering | 13500=00 | Working | 03-10-2017 |
| 69 | L Box Apparatus (LS International 2012) | Civil Engineering | 13500=00 | Working | 03-10-2017 |
| 70 | Rebound Hammer (Labline 2017) | Civil Engineering | 26500=00 | Working | 03-10-2017 |
| 71 | Flexure testing machine (LS International 2012) | Civil Engineering | 59800=00 | Working | 03-10-2017 |
| 72 | Ultra Sonic Pulse Velocity (power house of ultrasonic technology) | Civil Engineering | 283200=00 | Working | 27-04-2022 |

## Surveying Laboratory

| Sl. No | Item description (Make Model) | Location (Department) | Value in Rs | Present Condition | Purchase Date |
|---|---|---|---|---|---|
| 1 | Ranging rod | Civil Survey lab complex | 18750.00 | Working | 30-09-2009 |
| 2 | Cross staff Wooden with iron pole | Civil Survey lab complex | 4000.00 | Working | 30-09-2009 |
| 3 | Optical square | Civil Survey lab complex | 5500.00 | Working | 30-09-2009 |
| 4 | Plane table and accessories | Civil Survey lab | 35200.00 | Not Working | 30-09-2009 |

| | | | | | |
|---|---|---|---|---|---|
| | | complex | | | |
| 5 | Surveyor compass with stand | Civil Survey lab complex | 12800.00 | Working | 30-09-2009 |
| 6 | Dumpy Level | Civil Survey lab complex | 41600.00 | Not Working | 30-09-2009 |
| | | | 49000.00 | Working | 06-01-2019 |
| 7 | Prismatic compass | Civil Survey lab complex | 10320.00 | Working | 30-09-2009 |
| | | | 7400.00 | Working | 06-01-2019 |
| 8 | Ghat Tracers Cyclone type | Civil Survey lab complex | 4400.00 | Working | 30-09-2009 |
| 9 | Hand level | Civil Survey lab complex | 840.00 | Not Working | 30-09-2009 |
| 10 | Box Sextant | Civil Survey lab complex | 5100.00 | Working | 30-09-2009 |
| 11 | Planimeter ordinary | Civil Survey lab complex | 3800.00 | Working | 30-09-2009 |
| 12 | Digital Planimeter | Civil Survey lab complex | 26257.00 | Working | 30-09-2009 |
| 13 | Pantograph | Civil Survey lab complex | 4400.00 | Working | 30-09-2009 |
| 14 | Transit Theodolite | Civil Survey lab complex | 106400.00 | Working | 30-09-2009 |
| | | | 36000.00 | Working | 06-01-2019 |
| 15 | Levelling staff | Civil Survey lab complex | 9000.00 | Working | 30-09-2009 |
| | | | 18290.00 | Working | 25-09-2019 |
| 16 | Survey umbrella | Civil Survey lab complex | 3600.00 | Not Working | 30-09-2009 |
| 17 | Substance bar | Civil Survey lab complex | 5400.00 | Working | 30-09-2009 |
| 18 | Measuring chain 20mts | Civil Survey lab complex | 6400.00 | Working | 30-09-2009 |
| 19 | Measuring chain 30mts | Civil Survey lab complex | 16000.00 | Working | 30-09-2009 |
| 20 | Gunters chain (66ft) | Civil Survey lab complex | 3500.00 | Working | 30-09-2009 |
| 21 | Barometer | Civil Survey lab complex | 16000.00 | Working | 30-09-2009 |
| 22 | Pentax Total station | Civil Survey lab complex | 300000.00 | Working | 30-09-2009 |
| | | | 600000.00 | Working | 05-03-2019 |
| 23 | Single Prism assembly | Civil Survey lab complex | 15390.00 | Working | 01-07-2011 |

## Geotechnical Engineering Laboratory

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| 1 | Liquid Limit Device (AIML LIMITED 2011) | Civil Engineering | 7392 | Working | 15-03-2011 |
| 2 | Cone Penetrometer(AIML LIMITED 2011 ) | Civil Engineering | 32340 | Working | 15-03-2011 |
| 3 | Shrinkage Limit Set (AIML LIMITED 2011 ) | Civil Engineering | 23310 | Working | 15-03-2011 |
| 4 | Sieves GI Frame 45cm Dia (AIML LIMITED 2011) | Civil Engineering | 14784 | Working | 15-03-2011 |
| 5 | Sieves GI Frame 30cm Dia (AIML LIMITED 2011) | Civil Engineering | 8064 | Working | 15-03-2011 |
| 6 | Sieves Brass Frame 20cm Dia (AIML LIMITED 2011) | Civil Engineering | 33768 | Working | 15-03-2011 |
| 7 | Sieve Shaker Motorized (AIML LIMITED 2011) | Civil Engineering | 44688 | Working | 15-03-2011 |
| 8 | Proctor Penetrometer (AIML LIMITED) | Civil Engineering | 9912 | Working | 15-03-2011 |
| 9 | Plastic Limit Set (AIML LIMITED 2011) | Civil Engineering | 1680 | Working | 15-03-2011 |
| 10 | Specific Gravity Bottle 50ml (AIML LIMITED 2011) | Civil Engineering | 2310 | Working | 15-03-2011 |
| 11 | Hydrometer (AIML LIMITED 2011) | Civil Engineering | 1680 | Working | 15-03-2011 |
| 12 | Protected Thermometer (AIML LIMITED 2011) | Civil Engineering | 252 | Working | 15-03-2011 |
| 13 | Pan Balance (AIML LIMITED 2011) | Civil Engineering | 4788 | Working | 15-03-2011 |
| 14 | Measuring Cylinder 50ml (AIML LIMITED 2011) | Civil Engineering | 756 | Working | 15-03-2011 |
| 15 | Measuring Cylinder 100ml (AIML LIMITED 2011) | Civil Engineering | 1260 | Working | 15-03-2011 |
| 16 | Measuring Cylinder 1000ml (AIML LIMITED 2011) | Civil Engineering | 3931 | Working | 15-03-2011 |
| 17 | Sample tray 600*500*50mm (AIML LIMITED 2011) | Civil Engineering | 3864 | Working | 15-03-2011 |
| 18 | Sample tray 600*450*50mm (AIML LIMITED 2011) | Civil Engineering | 2520 | Working | 15-03-2011 |
| 19 | Sample tray 450*300*40mm (AIML LIMITED 2011) | Civil Engineering | 1092 | Working | 15-03-2011 |
| 20 | Sample tray 300*250*40mm (AIML LIMITED 2011) | Civil Engineering | 504 | Working | 15-03-2011 |
| 21 | Sample tray 200*150*30mm (AIML LIMITED 2011) | Civil Engineering | 336 | Working | 15-03-2011 |
| 22 | Compaction Mould 1000ml Capacity (AIML LIMITED 2011) | Civil Engineering | 11216 | Working | 15-03-2011 |
| 23 | Rammer 2.6kg (AIML LIMITED 2011) | Civil Engineering | 6048 | Working | 15-03-2011 |
| 24 | | | 33140 | Working | 15-03-2011 |

| | | | | | |
|---|---|---|---|---|---|
| | Compaction Mould 2250ml Capacity (AIML LIMITED 2011) | Civil Engineering | | | |
| 25 | Rammer 4.9kg Capacity (AIML LIMITED 2011) | Civil Engineering | 10886 | Working | 15-03-2011 |
| 26 | Hand Operated Extractor (AIML LIMITED 2011) | Civil Engineering | 7560 | Working | 15-03-2011 |
| 27 | Core Cutter (AIML LIMITED 2011) | Civil Engineering | 20412 | Working | 15-03-2011 |
| 28 | Measuring Cylinder 1000ml Glass (AIML LIMITED 2011) | Civil Engineering | 8400 | Working | 15-03-2011 |
| 29 | Measuring Cylinder 250ml Polycarbonate (AIML LIMITED 2011) | Civil Engineering | 1058 | Working | 15-03-2011 |
| 30 | Desiccator 200mm Dia (AIML LIMITED 2011) | Civil Engineering | 35532 | Working | 15-03-2011 |
| 31 | Sand pouring Cylinder (AIML LIMITED 2011) | Civil Engineering | 11214 | Working | 15-03-2011 |
| 32 | High Speed Stirrer (AIML LIMITED 2011) | Civil Engineering | 10214 | Working | 15-03-2011 |
| 33 | Permeability Apparatus Variable Head (AIML LIMITED 2011) | Civil Engineering | 31164 | Working | 15-03-2011 |
| 34 | Direct Shear Apparatus (AIML LIMITED 2011) | Civil Engineering | 81984 | Working | 15-03-2011 |
| 35 | Unconfined Compression Tester (AIML LIMITED 2011) | Civil Engineering | 57372 | Working | 15-03-2011 |
| 36 | Consolidation Apparatus (AIML LIMITED 2011) | Civil Engineering | 35910 | Working | 15-03-2011 |
| 37 | CBR Test Apparatus (AIML LIMITED 2011) | Civil Engineering | 84000 | Working | 15-03-2011 |
| 38 | Dial Gauge 0.01*25mm (AIML LIMITED 2011) | Civil Engineering | 11617 | Working | 15-03-2011 |
| 39 | Triaxial Outfit Motorized (AIML LIMITED 2011) | Civil Engineering | 182068 | Working | 15-03-2011 |
| 40 | Vane Shear Apparatus (AIML LIMITED 2011) | Civil Engineering | 15540 | Working | 15-03-2011 |
| 41 | Pycnometer Bottle (EFFICIENT ENGINEERS) | Civil Engineering | 4130 | Working | 05-03-2019 |
| 42 | Infra-Red Moisture Tester (EFFICIENT ENGINEERS) | Civil Engineering | 35400 | Working | 05-03-2019 |
| 43 | Weighing Machine (EFFICIENT ENGINEERS) | Civil Engineering | 15930 | Working | 05-03-2019 |
| 44 | Permeability Apparatus Constant Head (EFFICIENT ENGINEERS) | Civil Engineering | 47200 | Working | 05-03-2019 |

**Information About the Equipment**

| Sl. No. | Item Description (Make/Model) | Location | Value (₹) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1 | Microscope Compound with LED Lamp (Widefield eyepiece 10X & Objective 10X, 40X/45X), VASA Make (in thermocol box) | Dept. of Food Science & Technology, GMU | 17,841.60 | Good | 16/12/2024 |
| 2 | Hot Air Oven (Memmert Type) 14x14x14 in, 45 L capacity, Double walled, SS 304 inner, PID based temp. controller | Dept. of Food Science & Technology, GMU | 25,724.00 | Good | 16/12/2024 |
| 3 | Bacteriological Incubator 14x14x14 in, SS 304 inner, PID digital temp. controller with timer/alarm | Dept. of Food Science & Technology, GMU | 27,140.00 | Good | 16/12/2024 |
| 4 | Water Bath Rectangular (6 Holes, 75mm dia, 8 L capacity, SS 304, thermostat control) | Dept. of Food Science & Technology, GMU | 6,903.00 | Good | 16/12/2024 |
| 5 | Digital Balance 600 g, 0.01 g division with wind shield (No warranty) | Dept. of Food Science & Technology, GMU | 14,160.00 | Good | 16/12/2024 |
| 6 | Soxhlet Extraction Unit (Mantle type, 3 test, epoxy coated body, energy regulators) | Dept. of Food Science & Technology, GMU | 7,009.29 | Good | 16/12/2024 |
| 7 | Soxhlet Extraction Apparatus Complete (Flask 250ml, Extractor 100ml, Allihn Condenser, Clamp & Bosshead) | Dept. of Food Science & Technology, GMU | 2,314.27 | Good | 16/12/2024 |
| 8 | Aluminium Rod Alloy 7 in with Bosshead | Dept. of Food Science & | 675.00 | Good | 16/12/2024 |

| | | | | | |
|---|---|---|---|---|---|
| | | Technology, GMU | | | |
| 9 | Rubber Tubing Soft 8 x 1.6 mm (10 m) | Dept. of Food Science & Technology, GMU | 441.00 | Good | 16/12/2024 |
| 10 | Digital Pen Thermometer (-50°C to 300°C, Waterproof) | Dept. of Food Science & Technology, GMU | 1,599.79 | Good | 16/12/2024 |
| 11 | Desiccator 125 mm (Borosil) | Dept. of Food Science & Technology, GMU | 5,203.80 | Good | 16/12/2024 |
| 12 | Desiccator 150 mm (Imported) | Dept. of Food Science & Technology, GMU | 1,864.57 | Good | 16/12/2024 |
| 13 | Hand Refractometer 28–62% (ERMA, Luxury) | Dept. of Food Science & Technology, GMU | 3,154.14 | Good | 16/12/2024 |

**Total Value (incl. GST): ₹1,15,384**

**Information About the Equipment**

| Sl. No | Item description (Make Model) | Location (Department) | Qty. | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|---|
| 1 | IACTIVE All in One Computer (AIO), Corei5@2.5Ghz, 16GB,512GB NVME, KB,MOUSE, | CSE-MCES LAB | 7 | 199507 | | 22.04.2025 |
| 2 | IACTIVE All in One Computer (AIO), Corei5@2.5Ghz, 16GB, 512GB NVME, KB,MOUSE | CSE – Algorithms Lab | 18 | 513018 | WORKING | 22.04.2025 |
| 3 | IACTIVE All in One Computer (AIO), Corei5@2.5Ghz, 16GB, 512GB NVME, KB,MOUSE | CSE – C322 | 45 | 1282545 | WORKING | 22.04.2025 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | OPS System | | 22 | 330000 | | Old System |
| 5 | AMD Processor Assembled System,4GB,256GB HDD,KB,MOUSE,MONITOR | | 20 | 200000 | | Old System |
| 6 | Intel Core i3, 4GB Ram, 500GB HDD | CSE – Windows Lab | 06 | - | WORKING | |
| 7 | OPS 11th Gen Intel Core I7 1180G7 @ 1.30 Ghz, 8 GB RAM, 240 GB HDD | | 15 | - | | |
| 8 | I Active All in One Pc Core i5, 2.5ghz 12th Gen, 16GB Ram, 500 SSD HDD | | 20 | 570020 | | 22.04.2025 |

## Department of Civil Engineering

## CAD Laboratory

| SI. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1 | I-ACTIVE All in Desktop Computers (AIO) 23.8inch Model AIO24010B-i5 Processor 12th GEN 16GB RAM 512GB NVME | Civil CAD Lab | 8,55,058 | Working | 22-04-2025 |

**Information About the Equipment**

| Sl. No. | Item Description (Make/Model) | Location | Value (₹) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1 | Microscope Compound with LED Lamp (Widefield eyepiece 10X & Objective 10X, 40X/45X), VASA Make (in thermocol box) | Dept. of Food Science & Technology, GMU | 17,841.60 | Good | 16/12/2024 |
| 2 | Hot Air Oven (Memmert Type) 14x14x14 in, 45 L capacity, Double walled, SS 304 inner, PID based temp. controller | Dept. of Food Science & Technology, GMU | 25,724.00 | Good | 16/12/2024 |
| 3 | Bacteriological Incubator 14x14x14 in, SS 304 inner, PID digital temp. controller with timer/alarm | Dept. of Food Science & Technology, GMU | 27,140.00 | Good | 16/12/2024 |
| 4 | Water Bath Rectangular (6 Holes, 75mm dia, 8 L capacity, SS 304, thermostat control) | Dept. of Food Science & Technology, GMU | 6,903.00 | Good | 16/12/2024 |
| 5 | Digital Balance 600 g, 0.01 g division with wind shield (No warranty) | Dept. of Food Science & Technology, GMU | 14,160.00 | Good | 16/12/2024 |
| 6 | Soxhlet Extraction Unit (Mantle type, 3 test, epoxy coated body, energy regulators) | Dept. of Food Science & Technology, GMU | 7,009.29 | Good | 16/12/2024 |
| 7 | Soxhlet Extraction Apparatus Complete (Flask 250ml, Extractor 100ml, Allihn Condenser, Clamp & Bosshead) | Dept. of Food Science & Technology, GMU | 2,314.27 | Good | 16/12/2024 |
| 8 | Aluminium Rod Alloy 7 in with Bosshead | Dept. of Food Science & Technology, GMU | 675.00 | Good | 16/12/2024 |

| | | | | | |
|---|---|---|---|---|---|
| 9 | Rubber Tubing Soft 8 x 1.6 mm (10 m) | Dept. of Food Science & Technology, GMU | 441.00 | Good | 16/12/2024 |
| 10 | Digital Pen Thermometer (-50°C to 300°C, Waterproof) | Dept. of Food Science & Technology, GMU | 1,599.79 | Good | 16/12/2024 |
| 11 | Desiccator 125 mm (Borosil) | Dept. of Food Science & Technology, GMU | 5,203.80 | Good | 16/12/2024 |
| 12 | Desiccator 150 mm (Imported) | Dept. of Food Science & Technology, GMU | 1,864.57 | Good | 16/12/2024 |
| 13 | Hand Refractometer 28–62% (ERMA, Luxury) | Dept. of Food Science & Technology, GMU | 3,154.14 | Good | 16/12/2024 |

**Total Value (incl. GST): ₹1,15,384**

**Information About the Equipment of AIML**

| **Sl. No** | **Item description (Make Model)** | **Location (Department)** | **Value (In Rs)** | **Present Condition** | **Date of Purchase** |
|---|---|---|---|---|---|
| 1 | IActive All In One PC Windows 11 Pro | AIML(228-Data Science | 33,600 | Working | 22/04/2025 |

**Information About the Equipment B.TECH BIOTECHNOLOGY**

| Sl. No | Item description (Make Model) | Location (Department, Floor & Class room no) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1. | Himedia Gel electrophoresis unit | BT, Third Floor C-335 | 55,479 | Working | 2024-25 |
| 2. | Water Distillation Unit | BT, Third Floor C-335 | 15,843 | Working | 2024-25 |

**Information About the Equipment of Robotics and Automation**

| Sl. No | Description of the equipment | Location (Department) | Available quantity | Present Condition | Total Cost (Rs) | Date of Purchase |
|---|---|---|---|---|---|---|
| 1 | CRO | C-B09, | 05 | Working | 127500=00 | 05-Feb-24 |
| 2 | SIGNAL GENERATOR | C-B09, | 05 | Working | 34500=00 | 05-Feb-24 |
| 3 | DC REGULATED POWER SUPPLY | C-B09, | 05 | Working | 19000=00 | 05-Feb-24 |
| 4 | DECADE CAPACITANCE BOX | C-B09, | 05 | Working | 19000=00 | 05-Feb-24 |
| 5 | DECADE RESISTANCE BOX | C-B09, | 05 | Working | 19000=00 | 05-Feb-24 |
| 6 | DECADE INDUCTANCE BOX | C-B09, | 05 | Working | 19000=00 | 05-Feb-24 |
| 7 | DC REGULATED FIXED POWER SUPPLY | C-B09, | 05 | Working | 12500=00 | 05-Feb-24 |
| 8 | DGITAL TRAINER KIT | C-B09, | 05 | Working | 39000=00 | 05-Feb-24 |
| 9 | IC 7400 | C-B09, | 10 | Working | 80=00 | 05-Feb-24 |
| 10 | IC 7402 | C-B09, | 10 | Working | 80=00 | 05-Feb-24 |
| 11 | IC 7404 | C-B09, | 10 | Working | 80=00 | 05-Feb-24 |
| 12 | IC 7408 | C-B09, | 10 | Working | 80=00 | 05-Feb-24 |
| 13 | IC 7410 | C-B09, | 10 | Working | 80=00 | 05-Feb-24 |
| 14 | IC 7411 | C-B09, | 10 | Working | 80=00 | 05-Feb-24 |
| 15 | IC 7432 | C-B09, | 10 | Working | 100=00 | 05-Feb-24 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 16 | IC 7486 | C-B09, | 10 | Working | 100=00 | 05-Feb-24 |
| 17 | IC 74151 | C-B09, | 10 | Working | 180=00 | 05-Feb-24 |
| 18 | IC 74266 | C-B09, | 10 | Working | 450=00 | 05-Feb-24 |
| 19 | IC 741 | C-B09, | 10 | Working | 60=00 | 05-Feb-24 |
| 20 | DIODE 4007 | C-B09, | 20 | Working | 10=00 | 05-Feb-24 |
| 21 | CERAMIC CAPACITOR 0.1/UF | C-B09, | 20 | Working | 10 =00 | 19-Oct-24 |
| 22 | CERAMIC CAPACITOR 0.01/UF | C-B09, | 20 | Working | 20=00 | 19-Oct-24 |
| 23 | 224F 25V CAPACITOR | C-B09, | 20 | Working | 40=00 | 19-Oct-24 |
| 24 | 47UF 25 V CAPACITOR | C-B09, | 20 | Working | 40=00 | 19-Oct-24 |
| 25 | BC107 TRANCISTOR | C-B09, | 10 | Working | 140=00 | 19-Oct-24 |
| 26 | BREAD BOARD | C-B09, | 10 | Working | 500=00 | 19-Oct-24 |
| 27 | ½ WIRE | C-B09, | 01 | Working | 400=00 | 07-Feb-24 |
| 28 | PATCH CARD | C-B09, | 100 | Working | 9000=00 | 07-Feb-24 |
| 29 | ½ WATT R E S | C-B09, | 180 | Working | 180=00 | 07-Feb-24 |
| 30 | WIRE STRIPER | C-B09, | 01 | Working | 40=00 | 07-Feb-24 |
| 31 | IC 74266 | C-B09, | 15 | Working | 3975=00 | 07-Feb-24 |
| 32 | IC7474 | C-B09, | 15 | Working | 825=00 | 07-Feb-24 |
| 33 | IC 7476 | C-B09, | 15 | Working | 3675 =00 | 07-Feb-24 |
| 34 | 470NF CERAMIC CAPACITOR | C-B09, | 15 | Working | 180=00 | 07-Feb-24 |
| 35 | 100NF CERAMIC CAPACITOR | C-B09, | 15 | Working | 180=00 | 07-Feb-24 |
| **Total** | | | | | **371720=00** | |

**Microcontroller Lab and Computer Lab 2024-25**

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | 8051 TRAINER KIT | C-B010 | 05 Nos | Working | 52500=00 | 19-10-2024 |
| 2 | All in one Computer (i5 Processor) | C-B010 | 30 Nos | Working | -- | 2-07-2025 |

## ROBOT BUILDING PRACTICE Lab 2024-25

| Sl. No | Description of the equipment's | Location (Department) | Available quantity | Present Condition | Total Cost (Rs) | Date of Purchase |
|---|---|---|---|---|---|---|
| 01 | Soldering gun | C-B09 | 05 | Working | 3750.00 | 10-03-2025 |
| 02 | Mustimeters | C-B09 | 05 | Working | 9000.00 | 10-03-2025 |
| 03 | Small star screw drivers | C-B09 | 10 | Working | 2000.00 | 10-03-2025 |
| 04 | Screw driver set | C-B09 | 01 | Working | 450.00 | 10-03-2025 |
| 05 | Cutting pliers 8 inch | C-B09 | 01 | Working | 375.00 | 10-03-2025 |
| 06 | Wire cutters | C-B09 | 05 | Working | 2250.00 | 10-03-2025 |
| 07 | Allen keys set | C-B09 | 01 | Working | 450.00 | 10-03-2025 |
| 08 | Four-wheeler chassis kit | C-B09 | 10 | Working | 8500.00 | 10-03-2025 |
| 09 | Arduino uno | C-B09 | 05 | Working | 4250.00 | 10-03-2025 |
| | Nano | C-B09 | 05 | Working | 13950.00 | 10-03-2025 |
| | Espb266 | C-B09 | 05 | Working | 2375.00 | 10-03-2025 |
| 10 | Driver module l298n | C-B09 | 10 | Working | 2500.00 | 10-03-2025 |
| 11 | Male to male jumper wires | C-B09 | 20 | Working | 1800.00 | 10-03-2025 |
| | Female to female jumper | C-B09 | 20 | Working | 1800.00 | 10-03-2025 |
| 12 | Ir sensors | C-B09 | 10 | Working | 450.00 | 10-03-2025 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 13 | Bluetooth module –hc05 | C-B09 | 05 | Working | 2050.00 | 10-03-2025 |
| 14 | Servo motor-mg996r metal servo | C-B09 | 15 | Working | 7800.00 | 10-03-2025 |
| 15 | Nose pliers -200 long | C-B09 | 02 | Working | 3100.00 | 10-03-2025 |
| 16 | Insulation tape | C-B09 | 05 | Working | 225.00 | 10-03-2025 |
| 17 | Soldering wax | C-B09 | 05 | Working | 175.00 | 10-03-2025 |
| 18 | Soldering lead-1/2 kg | C-B09 | 01 | Working | 2200.00 | 10-03-2025 |
| | | | | **TOTAL** | **80000.46** | |

**Information About the Equipment**

| **Sl. No** | **Item description (Make Model)** | **Location (Department)** | **Value (In Rs)** | **Present Condition** | **Date of Purchase** |
|---|---|---|---|---|---|
| 1 | Ballistic Galvanometer 100 Ohms | W-021 | 8,602.20 | Working | 20-01-2025 |
| 2 | Ballistic Galvanometer 500 Ohms | W-021 | 8,973.90 | Working | 20-01-2025 |
| 3 | Anderson's AC Bridge Kit | W-021 | 16,992.00 | Working | 20-01-2025 |
| 4 | De-Sauty's Bridge Kit | W-021 | 16,992.00 | Working | 20-01-2025 |
| 5 | Travelling Microscope | W-021 | 15,045.00 | Working | 20-01-2025 |
| 6 | Bread Board | W-021 | 1,28,237.00 | Working | 20-01-2025 |
| 7 | Stop Watch Mechanical 1/10 Sec | W-021 | 4,503.48 | Working | 20-01-2025 |
| 8 | Inertia Disc Set of 3 (Triangular, Irregular & Round) | W-021 | 2,389.50 | Working | 20-01-2025 |
| 9 | Numerical Aperture of Optical Fiber - Setup | C-004 | 25,000.00 | Working | 12-03-2025 |

| | | | | | |
|---|---|---|---|---|---|
| 10 | Spring Constant - Setup | C-004 | 7,000.00 | Working | 12-03-2025 |
| 11 | Magnetic Field along the axis of a Coil - Setup | C-004 | 17,000.00 | Working | 12-03-2025 |
| 12 | Torsional Pendulum - Setup | C-004 | 13,600.00 | Working | 12-03-2025 |
| 13 | LCR Resonance - Setup | C-004 | 28,400.00 | Working | 12-03-2025 |
| 14 | Laser Diffraction - Setup | C-004 | 24,400.00 | Working | 12-03-2025 |
| 15 | Photo Diode - Setup | C-004 | 23,000.00 | Working | 12-03-2025 |
| 16 | Dielectric Constant - Setup | C-004 | 15,000.00 | Working | 12-03-2025 |
| 17 | Energy Gap of Semiconductor - Setup | C-004 | 16,000.00 | Working | 12-03-2025 |
| 18 | Fermi Energy - Setup | C-004 | 17,000.00 | Working | 12-03-2025 |

**DEPARTMENT OF ZOOLOGY**

**Information About the Equipment**

| Sl. No | Item description (Make Model) | Location (Department) | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1 | Microscope compound with LED lamp | W006 | 44,000 | Working | 17/12/2024 |
| 2 | Haemocytometer | W006 | 2478 | Working | 17/12/2024 |
| 3 | Haemocytometer | W006 | 2478 | Working | 2/01/2025 |
| 4 | Haemoglobinometer | W006 | 1869 | Working | 17/12/2024 |
| 5 | Haemoglobinometer | W006 | 1869 | Working | 2/01/2025 |
| 6 | Dissection Board | W006 | 4371 | Working | 20/1/2025 |
| 7 | Dissection Board | W006 | 4371 | Working | 02/01/2025 |
| 8 | DPX, Moutant | W006 | 7444 | Working | 17/12/2025 |
| 9 | Methylene Blue Aqueous | W006 | 422 | Working | 17/12/2025 |
| 10 | Eosine yellow stain solution | W006 | 340 | Working | 17/12/2025 |
| 11 | Formaldehyde | W006 | 460 | Working | 17/12/2025 |
| 12 | Ethanol | W006 | 669 | Working | 17/12/2025 |
| 13 | Acetocarmine | W006 | 1396 | Working | 17/12/2025 |
| 14 | Microslides | W006 | 1239 | Working | 17/12/2025 |
| 15 | Microcover glass | W006 | 784 | Working | 17/12/2025 |
| 16 | Dissecting Instrument | W006 | 2732 | Working | 17/12/2025 |
| 17 | Scalpels | W006 | 697 | Working | 17/12/2025 |
| 18 | Forceps dissecting | W006 | 468 | Working | 17/12/2025 |
| 19 | Dissection needle | W006 | 74 | Working | 17/12/2025 |

| | | | | | |
|---|---|---|---|---|---|
| 20 | Gas jar | W006 | 489 | Working | 17/12/2025 |
| 21 | Wax tray | W006 | 5544 | Working | 17/12/2025 |
| 22 | Pipette pump | W006 | 3672 | Working | 17/12/2025 |
| 23 | Gloves post | W006 | 435 | Working | 17/12/2025 |
| 24 | Bottle reagent | W006 | 6381 | Working | 17/12/2025 |
| 25 | Measuring cylinder 10ml | W006 | 838 | Working | 17/12/2025 |
| 26 | Measuring cylinder 50ml | W006 | 1064 | Working | 17/12/2025 |
| 27 | Measuring cylinder 100ml | W006 | 1601 | Working | 17/12/2025 |

## Information About the Equipment

## Department of Chemistry

| SI. No | Item description (Make Model) | Location (Department) | No. of particulars | Value (In Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|---|
| 1 | Digital potentiometer | W012 and W007 | 2 | 36108 | Working | 12/16/2024 |
| 2 | Digital direct reading conductivity cell | W012 and W007 | 2 | 35046 | Working | 12/16/2024 |
| 3 | Abbeys refractometer | W012 and W007 | 2 | 28036 | Working | 12/16/2024 |

**Appendix-XVI**

**Sports Facilities**

**Sports Facilities Report**

## I. Overview

The sports complex is equipped with a variety of indoor and outdoor facilities to support multiple sports and recreational activities. It provides world-class infrastructure for training, competitions, and general fitness.

## II. Outdoor Facilities

### 1. Multipurpose Playground

- Suitable for athletics, football, hockey, cricket, volleyball, and handball.
- **Dimensions:** 235m x 136m
- **Total Area:** 31,960 m²

### 2. Athletics Track

- **Type:** Synthetic 400m track
- **Dimensions:** 176.91m x 92.50m

### 3. Basketball Courts

- **Number of Courts:** 2
- **Surface:** Concrete Flooring with Acrylic Coating
- **Dimensions:** 41.70m x 35.61m

### 4. Tennis Courts

- **Number of Courts:** 2 Tennis Courts
- **Surface:** Concrete Flooring with Acrylic Coating
- **Dimensions:** 36.54m x 36.58m

### 5. Volleyball Courts

- **Number of Courts:** 2
- **Surface:** Concrete Flooring with Acrylic Coating
- **Dimensions:** 30m x 27.50m

### 6. Cricket Net Practice Ground

- **Number of Nets:** 4
- **Surface:** Concrete Flooring with Artificial Turf

- **Dimensions:** 36.54m x 11m
- **Additional Features:** Full roof net protection

**7. Kabaddi & Kho-Kho Courts**

- **Kabaddi Dimensions:** 23m x 20m
- **Kho-Kho Dimensions:** 28m x 20m

**8. Swimming Pool**

- **Size:** 60m x 28m
- **Current Status:** Under Construction

## III. Indoor Facilities

**1. Indoor Sports Complex**

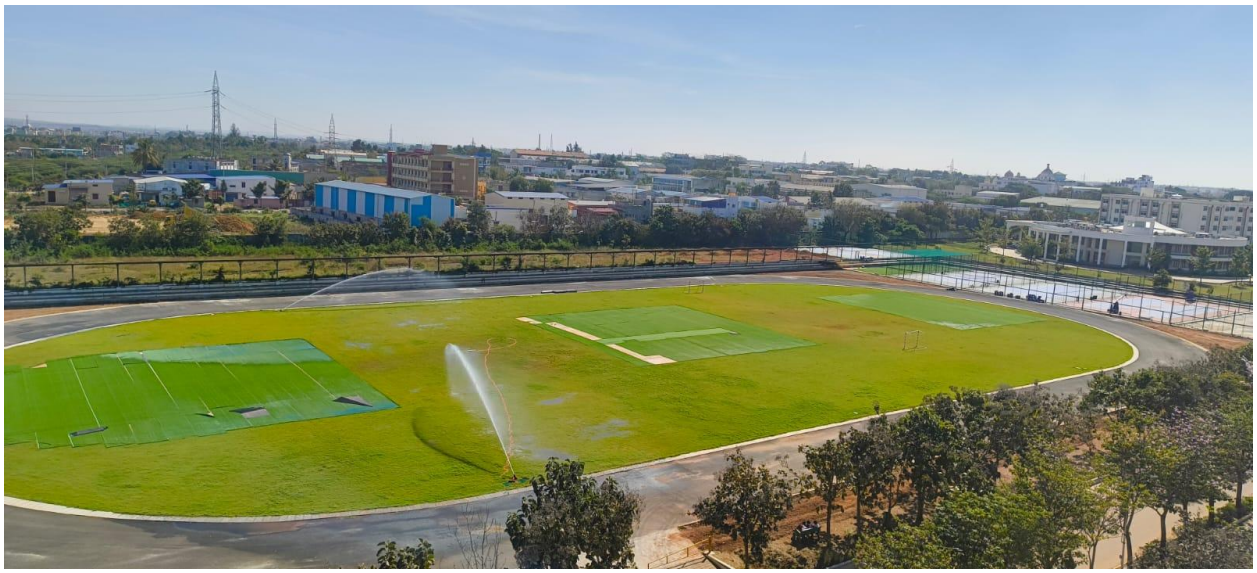
- **Sports Room Dimensions:** 22.70m x 13.15m
- **Available Facilities:**
    - 1 Badminton Court (22.70m x 10m)
    - Multi-GYM (11.20m x 11.15m)
    - Gymnasium
    - Yoga Hall
    - Indoor Games: Table Tennis, Carrom, Chess, Billiards

## IV. Conclusion

The sports complex provides a well-rounded facility for various sports, fitness activities, and training. With ongoing developments such as the swimming pool, it is set to become a premier hub for athletes and fitness enthusiasts.

## 400m Athletic Track





**Kho-Kho Ground**





**Cricket Ground**







**Cricket nets**



**Volley Ball Court**





**Basketball Ground**








**Tennis Ground**

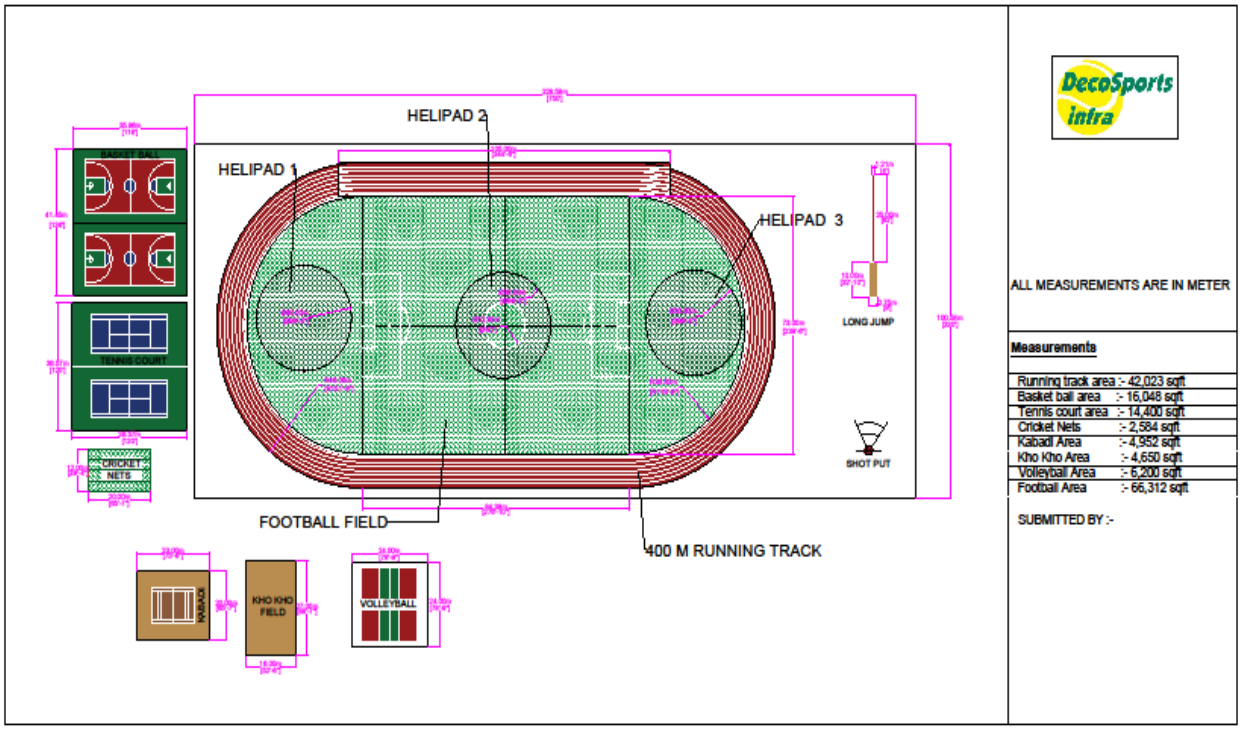








## An aerial view of the outdoor sports facilities



## Indoor facilities









## Gymnasium Area








**Appendix-XVII**

**Information about the composition of the statutory bodies of the University**

**Separately for Governing Board, Executive Council, Board of Management, Academic Council, Finance Committee, Board of Studies, Others**

| Board of Governors | | | | |
|---|---|---|---|---|
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Sri. G M Lingaraju | Chancellor, GMU | Chairperson | chancellor@gmu.ac.in |
| 2 | Principal Secretary | HE, GoK | Member | prshigh-edu@karnataka.gov.in |
| 3 | Principal Secretary | ME, GoK | Member | GoK |
| 4 | Dr. Kota Harinarayana | Ex-DRDO, PD & Chief Designer LCA-Tejas | Member | hnkota@yahoo.com, 9880796012 |
| 5 | Dr. Sudhir Kamath | DRDO-Raman CoE, Bangalore | Member | sudhirkamath@iisc.ac.in, 9448501655 |
| 6 | Raj Kumar Iyengar | VP, Bosch India | Member | rajkumar.ananya@gmail.com |
| 7 | Dr. Sivathanu Pillai | Former CEO BraMos-DRDO | Member | aspillai.bm@gmail.com |
| 8 | Dr. Rajalakshmi Menon | Director, CABS, DRDO | Member | director.cabs@gov.in |
| 9 | Mr. G. S. Anith Kumar | Treasurer, SET | Member | anithkumargs@gmail.com |
| 10 | Mr. H.R. Suresh | H R Suresh &CO | Member | suresh@hrsureshandco.in |
| 11 | Dr. S.R. Shankapal | Vice Chancellor, GMU | Member | vc@gmu.ac.in |
| 12 | Dr. H.D. Maheshappa | Pro-Vice Chancellor, GMU | Member | pro-vc@gmu.ac.in |
| 13 | Dr. Sunil Kumar B S | Registrar, GM | Member Secretary | registrar@gmu.ac.in |
| 14 | Dr. K. Divyananda | Director, GMIT | Invited Member | director@gmit.ac.in |
| 15 | Mr. Rafiq Raj | ED, GM Group | Invited Member | rafiqraj@gmgroup.in |

| Board of Management | | | | |
|---|---|---|---|---|
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. S. R. Shankapal | Vice Chancellor | Chairperson | vc@gmu.ac.in |
| 2 | Dr. H. D. Maheshappa | Pro Vice Chancellor | Member | pro-vc@gmu.ac.in |
| 3 | Dr. Sunil Kumar B S | Registrar | Member-Secretary | registrar@gmu.ac.in |
| 4 | Mr. G. S Anith Kumar | Treasurer -SET | Member | anithkumargs@gmail.com |
| 5 | Mr. G. L Rajeev | Trustee | Member | rajivgl99@gmail.com |
| 6 | Mr. G P Mallikarjun | Trustee | Member | 9632752811 |
| 7 | Dr. Sanjay Pande M B | Director-SCST | Member | dir.scst@gmu.ac.in, 9448133377 |
| 8 | Dr. Praveen J | Director-SE | Member | dir.se@gmu.ac.in , 8884767555 |
| 9 | Dr. Shweta Marigoudar | Dean-FCIT | Member | dean-fcit@gmu.ac.in, 9008710979 |
| 10 | Dr. Girish Bolakatti | Principal-GM Institute Pharmacy and Research | Member on Invitation | principal@gmipsr.ac.in, 9901499119 |
| 11 | Dr. Kiran Kumar H S | Director-Student Affairs | Member on Invitation | director.sa@gmu.ac.in, 9663368484 |
| 12 | Mr. Shivamurthy K S | Chief Engineer – GMU | Member on Invitation | shivamurthyks@gmit.ac.in, 9448368444 |
| 13 | CA. Ashok Kumar | CFO | Member | cfo@gmu.ac.in, 9844550984 |
| 14 | Mr. Subhashchandra Y U | MR | Member | subhashyu@gmu.ac.in, 9448055479 |
| 15 | Dr. Santhosh Kumar B M | Dean-FBAS | Member | dean.fbas@gmu.ac.in, 9972049262 |
| 16 | Dr. Gangadhar Hugar | Assoc. Dean-FCM | Member | assodean.fcm@gmu.ac.in , 9773619358 |

| Academic Council | | | | |
|---|---|---|---|---|
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. S. R. Shankapal | Vice Chancellor | Chairperson | vc@gmu.ac.in |
| 2 | Dr. H. D. Maheshappa | Pro Vice Chancellor | Member | pro-vc@gmu.ac.in |
| 3 | Dr. Sunil Kumar B S | Registrar | Member | registrar@gmu.ac.in |
| 4 | Dr. Sanjay Pande M B | Director-SCST | Member | dir.scst@gmu.ac.in, 9448133377 |
| 5 | Dr. Praveen J | Director-SE | Member | dir.se@gmu.ac.in , 8884767555 |
| 6 | Dr. Shweta Marigoudar | Dean-FCIT | Member | dean-fcit@gmu.ac.in, 9008710979 |
| 7 | Dr. Santhosh B M | Dean, FBAS | Member | dean.fbas@gmu.ac.in |
| 8 | Dr. Gangadhar Hugar | Assoc. Dean-FCM | Member | assodean.fcm@gmu.ac.in |
| 9 | Mr. H. A. Balasubramanya | Director(Formerly), RMP | Member | baluhangud@gmail.com |
| 10 | Dr. Deepak K.T. | IIIT-Dharwad | Member | deepak@iiitdwd.ac.in |
| 11 | Dr. Sreedhara K.S | UBDT, Davanagere | Member | ks_sreedhara@yahoo.com |
| 12 | Mr. Virupaksha | Alumnus of GMIT | Member | virupakshibn@gmail.com |
| 13 | Mr. Sunil S. Batnavar | ALS-Bangalore | Member | sunilts@tmisystems.in |
| 14 | Dr. Girish Pattanshetty | An Independent Journalist | Member | gishipa@gmail.com |
| 15 | Mr. Shivakumargoudapatil | Director-FLSPP | Member | dir.flspp@gmu.ac.in |
| 16 | Dr. Mahadeva Prasanna | IIT Dharwad | Member | Prasanna@iitdh.ac.in |
| 17 | Dr. Girish Bolakatti | Principal-GM Institute Pharmacy and Research | Member on Invitation | principal@gmipsr.ac.in |

| Research and Innovation Council | | | | |
|---|---|---|---|---|
| **S. No.** | **Name** | **Affiliation** | **Designation** | **Contact** |
| 1 | Dr. S. R. Shankapal | Vice Chancellor | Chairperson | vc@gmu.ac.in, 93640 99718 |
| 2 | Dr. H.D. Maheshappa | Pro Vice Chancellor | Member | pro-vc@gmu.ac.in, 93640 99719 |
| 3 | Dr. K. N. Bharath | Dean of Research | Member-Secretary | dean-res@gmu.ac.in, 98444 00397 |
| 4 | Dr. C S Ramesh | Advisor Research | member | advisor.res@gmu.ac.in |
| 4 | Dr. Girish Bolakatti | Dean-FHAS | Member | dean.fhas@gmu.ac.in , 9901499119 |
| 5 | Dr. Sunil Kumar B S | Registrar | Member | registrar@gmu.ac.in , 6364259993 |
| 6 | Dr. Sanjay Pande M B | Director-SCST | Member | dir.scst@gmu.ac.in, |
| 7 | Dr. Praveen J | Director-SE | Member | dir.se@gmu.ac.in, |
| 8 | Mrs. Shweta Marigoudar | Dean- FCIT | Member | dean-fcit@gmu.ac.in, 7483104606 |
| 9 | Dr. Santhosh B M | Dean-FBAS | Member | dean.fbas@gmu.ac.in, |
| 10 | Dr. | Dean-FCM | Member | dean.fcm@gmu.ac.in |
| 11 | Dr. Swaroop K | Associate Dean- Research | Member | assoc.deanreserach@gmu.ac.in |
| 12 | Dr. R.S. Deshpande | Former Director ISEC | Member | rs.kalbandi@gmail.com, 9845436096 |
| 13 | Dr. Prasanna Kumar B C | Professor – Davanagere University | Member | prasannakumarbc@davangereuniversity.ac.in |
| 14 | Dr. Shankar M. R. | CABS -DRDO | Member | mrsankar.cabs@gov.in |
| 15 | Dr. D. Narasimha | TIFR/IIT Dharwad | Member | d.narasimha@iitdh.ac.in 7738128266 |
| 16 | Dr. Shashidhar T.R. | Professor- Agri University | Member | shashidhartr@uasd.in, 9448837261 |
| 17 | Dr. S. Basavarajappa | Professor-BDT | Member | basavarajappas@yahoo.com |

| Finance Committee | | | | |
|---|---|---|---|---|
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Mr. G M Lingaraju | Chancellor | Chairperson | chancellor@gmu.ac.in |
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| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

## Appendix-XVIII

| Sl. No. | Employee Name | Designation | AGE | Qualification | Date of Appointment | Trained Yes/ No |
|---|---|---|---|---|---|---|
| 1 | Mr. ASHOK KUMAR R | CHIEF FINANCIAL OFFICER | 33 YEARS | CA | 7/1/2024 | Yes |
| 2 | Mr. RANGASWAMY N | PURCHASE EXECUTIVE | 36 YEARS | BA | 11/20/2023 | Yes |
| 3 | Mrs. SOUMYA K | PERSONAL SECRETARY | 35 YEARS | DEGREE | 12/1/2023 | Yes |
| 4 | Mr. RAVISHANKAR M S | SUPERINTENDENT EST | 54 YEARS | B. Sc. | 12/1/2023 | Yes |
| 5 | Mr. UMESH P T | SUPERINTENDENT ACCOUNTS | 52 YEARS | B. Com., M. Com. | 12/1/2023 | Yes |
| 6 | Dr. MALLIKARJUN HIREMATH | ASSISTANT REGISTRAR | 63 YEARS | M. A. M.Phil | 1/16/2024 | Yes |
| 7 | Mr. VASANTH KUMAR G S | ASSISTANT PRO | 40 YEARS | | 11/6/2024 | Yes |
| 8 | Ms. H PRIYA | PERSONAL SECRETARY | 28 YEARS | MTech | 4/1/2025 | Yes |
| 9 | Mr. DARSHAN B N | MANAGER PROMOTION & MARKETING | 28 YEARS | MBA | 11/20/2023 | Yes |
| 10 | Ms. SHASHIKALA B | TELE-CALLER AND COUNSELLOR | 25 YEARS | DEGREE | 2/1/2024 | Yes |
| 11 | Ms. MEGHA K C | TELE-CALLER AND COUNSELLOR | 26 YEARS | DEGREE | 2/1/2024 | Yes |
| 12 | Mr. VIJAY KUMAR K M | OFFICE CLERK | 31 YEARS | DIP E& C | 2/15/2024 | Yes |
| 13 | Ms. NISHCHITA M GOKAVI | ASSISTANT HR | 39 YEARS | MBA in HR | 3/1/2024 | Yes |
| 14 | Ms. POOJA UMESH NADIGER | TELE-CALLER AND COUNSELLOR | 26 YEARS | | 3/19/2024 | Yes |
| 15 | Mrs. BHOOMIKA I S | OFFICE ASSISTANT | 37 YEARS | BCA | 5/2/2024 | Yes |
| 16 | Mrs. SANDHYA L T | OFFICE ASSISTANT | 36 YEARS | BCOM | 5/2/2024 | Yes |
| 17 | Ms. ROOPA C SHIDENUR | GRAPHIC DESIGNER | 26 YEARS | Bsc in Animation & VFX | 5/15/2024 | Yes |
| 18 | Mr. VINAYAKA V | GRAPHIC DESIGNER | 26 YEARS | B.Sc | 5/3/2024 | Yes |
| 19 | Ms. LAKSHMI B | OFFICE ATTENDANT | 24 YEARS | B.COM PERSUEWING | 6/4/2024 | Yes |
| 20 | Mr. SANTHOSHKUMAR S | OFFICE ASSISTANT | 24 YEARS | B.COM | 5/20/2024 | Yes |
| 21 | Mr. NAVEEN KUMAR M | OFFICE ASSISTANT | 28 YEARS | DEGREE | 5/2/2024 | Yes |
| 22 | Mrs. SINDHU V | OFFICE ATTENDANT | 29 YEARS | PUC | 5/20/2024 | Yes |
| 23 | Mrs. RADHA M | HELPER | 28 YEARS | PUC | 5/17/2024 | Yes |
| 24 | Mr. PRADEEP S | OFFICE ASSISTANT | 36 YEARS | BE | 7/1/2024 | Yes |
| 25 | Mrs. NANDINI B A | ACADEMIC REGISTRATION OFFICER | 51 YEARS | MBA,DIP (Data wise management ) | 7/1/2024 | Yes |
| 26 | Mr. RAGHAVENDRA R | ATTENDER | 31 YEARS | | 7/1/2024 | Yes |
| 27 | Mr. ANUDEEP M | ATTENDER | 37 YEARS | PUC | 8/1/2024 | Yes |

| | | | | | | |
|---|---|---|---|---|---|---|
| 28 | Mr. PAVAN K C | OFFICE ASSISTANT | 23 YEARS | B.COM | 8/19/2024 | Yes |
| 29 | Mr. RAMESH L | ATTENDER | 31 YEARS | | 8/21/2024 | Yes |
| 30 | Mrs. SWATHI P S | TELE-CALLER AND COUNSELLOR | 28 YEARS | B.E.(ISE) | 8/16/2024 | Yes |
| 31 | Ms. R KAVYA | INSTRUCTOR | 25 YEARS | B.E(CSE) | 9/5/2024 | Yes |
| 32 | Mr. INDUKUMAR H B | MANAGER MARKETING | 25 YEARS | BCA | 9/2/2024 | Yes |
| 33 | Mr. TEJAS R | Digital Marketing Executive | 25 YEARS | BCOM | 9/9/2024 | Yes |
| 34 | Mr. MALLIKARJUN K S | OFFICE ASSISTANT | 39 YEARS | BCA, MCA | 9/19/2024 | Yes |
| 35 | Mrs. VIDYA NALWAD | ACCOUNTANT | 33 YEARS | B.Ss(PMS), M.Sc(Sta) | 11/4/2024 | Yes |
| 36 | Ms. POOJITHABAI C | PHYSICAL TRAINER | 24 YEARS | B.PEd | 11/13/2024 | Yes |
| 37 | Mr. PUNDALEEKA M | PHYSICAL TRAINER | 28 YEARS | B.PEd | 11/13/2024 | Yes |
| 38 | Mr. MANJUNATH D | GYM INSTRUCTOR | 29 YEARS | (B.A) | 11/13/2024 | Yes |
| 39 | Mr. DURGESH K S | STP OPERATOR | 30 YEARS | | 10/30/2024 | Yes |
| 40 | Mr. BRAHMACHARI B K | OFFICE ASSISTANT | 26 YEARS | B.Com | 12/19/2024 | Yes |
| 41 | Mrs. AISHWARYA R | RECEPTIONIST | 27 YEARS | B.Com | 12/23/2024 | Yes |
| 42 | Mr. PRASHANTHA NINGAPPA BANAKAR | OFFICE ASSISTANT | 25 YEARS | B.Com | 1/1/2025 | Yes |
| 43 | Mr. SHANKARACHARI G | HELPER CARPENTER | 48 YEARS | ITI | 1/1/2025 | Yes |
| 44 | Mr. SACHIN RAO GHATGE N | BASKET BALL COACH | 30 YEARS | B.Com | 12/4/2024 | Yes |
| 45 | Mr. PAVAN KUMAR M | OFFICE ASSISTANT | 28 YEARS | B.E (CIVIL) | 1/6/2025 | Yes |
| 46 | Ms. VINUTHA U | ASSISTANT HR | 29 YEARS | M.B.A (HR & FIN) | 1/6/2025 | Yes |
| 47 | Mr. MALLESH V | ASSISTANT MANAGER HOSTEL | 43 YEARS | ITI ELECTRICAL | 1/21/2025 | Yes |
| 48 | Mrs. VEENA P H | MANAGER- HR | 43 YEARS | B.E, MBA | 2/3/2025 | Yes |
| 49 | Mr. VILAS WATWE | PLACEMENT OFFICER | 42 YEARS | MTECH | 2/17/2025 | Yes |
| 50 | Ms. DUGGAMMA | ATTENDER | 35 YEARS | 8th pass | 2/17/2025 | Yes |
| 51 | Mr. SIDDESHI D N | ELECTRICIAN | 28 YEARS | ITI | 3/3/2025 | Yes |
| 52 | Mrs. UMA G D | OFFICE ASSISTANT | 45 YEARS | B.Com | 3/4/2025 | Yes |
| 53 | Ms. VAISHNAVI K | TELE-CALLER AND COUNSELLOR | 30 YEARS | B.Com | 3/5/2025 | Yes |
| 54 | Ms. NAYANA A V | TELECALLER | 23 YEARS | BCA | 3/10/2025 | Yes |
| 55 | Ms. SHAMBHAVI UKKADAGATRI | INSTRUCTOR | 25 YEARS | MSC (CHEMISTRY) | 3/11/2025 | Yes |
| 56 | Mrs. Anusha N | RECEPTIONIST | 25 YEARS | B.Com | 3/17/2025 | Yes |
| 57 | Mr. R NAVEEN KUMAR | STP OPERATOR | 30 YEARS | PUC | 4/23/2025 | Yes |
| 58 | Mr. PAVANKUMAR POOJAR | Digital Marketing Executive | 25 YEARS | B.E | 5/12/2025 | Yes |

| | | | | | | |
|---|---|---|---|---|---|---|
| 59 | Mr. PRASANNA KUMAR B M | INSTRUCTOR | 50 YEARS | MSc PGCA BEd | 6/1/2025 | Yes |
| 60 | Mr. KUBERAPPA R | STP OPERATOR | 47 YEARS | SSLC | 6/17/2025 | Yes |
| 61 | Mr RAVI NAIK K | SECURITY SUPERVISOR | 51 YEARS | PUC | 6/17/2025 | Yes |
| 62 | Mrs. SUSHMA N | PERSONAL SECRETARY | 34 YEARS | MTech | 7/1/2025 | Yes |
| 63 | Ms. HARSHITHA H G | TELE-CALLER AND COUNSELLOR | 20 YEARS | Dip in E&C | 7/16/2025 | Yes |
| 64 | Mr CHITTURI PRABHU | MANAGER- HR | 32 YEARS | PGDM(HR & MARKETING) | 5/19/2025 | Yes |
| 65 | Mr. BASAVARAJ A B | HARDWARE ENGINEER | 40 YEARS | MCA | 1/15/2025 | Yes |
| 66 | Mr. RAJDEEPAK SRIVASTAVA | NETWORK ENGINEER | 27 YEARS | B.Tech | 1/22/2025 | Yes |
| 67 | Mr. SATHYANARAYANA N M | NETWORK ENGINEER | 42 YEARS | DIP EEE | 2/10/2025 | Yes |
| 68 | Mrs. RATHNAMMA | HELPER | 58 YEARS | | 2/1/2025 | Yes |
| 69 | Mr. MAHENDRA ALUR | System Admin | 46 YEARS | Diploma In CSE | 6/2/2018 | Yes |
| 70 | Mrs. MADHUSHREE M | Accounts Assistant | 27 YEARS | B. Com. | 12/20/2021 | Yes |
| 71 | Mr. RAJASHEKAR N PATTED | Librarian | 51 YEARS | B. Com., M. Lib | 1/1/2022 | Yes |
| 72 | Mr. SANTHOSH S | Lab Attender | 35 YEARS | Secondary | 1/6/2022 | Yes |
| 73 | Ms. CHANDANA M | Office Assistant | 30 YEARS | B. Com. | 4/18/2022 | Yes |
| 74 | Mr. BASAVARAJ B M | Office Assistant | 48 YEARS | B. Com. | 8/1/2022 | Yes |
| 75 | Mr. AKASH B S | Attender | 22 YEARS | Secondary | 1/1/2023 | Yes |
| 76 | Ms. DIVYA K | Telecaller | 27 YEARS | B. Com. | 4/10/2023 | Yes |
| 77 | Mrs. RATHNAMMA R | Attender | 65 YEARS | | 1/1/2013 | Yes |
| 78 | Mrs. KAMALA S DASAR | SUPERVISOR - GIRLS HOSTEL | 28 YEARS | | 1/1/2024 | Yes |
| 79 | Mrs. ANITHA | Sweeper | 45 YEARS | | 1/1/2024 | Yes |
| 80 | Mr. DANESHA B G | ASSISTANT LIBRARIAN | 50 YEARS | BA | 9/1/2003 | Yes |
| 81 | Mr. SURESH S | ASSISTANT LIBRARIAN | 55 YEARS | BA C LIB | 8/18/2003 | Yes |
| 82 | Mr. RAMACHANDRAPPA B H | INSTRUCTOR | 60 YEARS | B. Sc., M.Sc. | 1/10/2001 | Yes |
| 83 | Mr. YOGESHWAR S T | INSTRUCTOR | 50 YEARS | ATS | 9/1/2003 | Yes |
| 84 | Mr. SRINIVASA T S | INSTRUCTOR | 49 YEARS | Diploma | 1/5/2003 | Yes |
| 85 | Mr. THIPPESWAMY G N | SYSTEM ANALYST | 47 YEARS | M. Sc. (IT) | 9/1/2003 | Yes |
| 86 | Mr. MOHANKUMAR C | FOREMAN | 50 YEARS | DME | 3/1/2005 | Yes |
| 87 | Mr. RAJASHEKHAR YELIGAR | INSTRUCTOR | 48 YEARS | Diploma | 9/30/2004 | Yes |
| 88 | Mr. J G SANTHOSH | INSTRUCTOR | 49 YEARS | Diploma | 1/3/2005 | Yes |

| | | | | | | |
|---|---|---|---|---|---|---|
| 89 | Mr. KUMARSWAMY K | INSTRUCTOR | 48 YEARS | Diploma | 1/3/2005 | Yes |
| 90 | Mr. SHANKARA N R | INSTRUCTOR | 44 YEARS | Diploma | 1/3/2005 | Yes |
| 91 | Mr. HONNAPPA J K | INSTRUCTOR | 44 YEARS | Diploma | 1/3/2005 | Yes |
| 92 | Mr. GOVINDASWAMY N | HELPER | 53 YEARS | Secondary | 8/1/2001 | Yes |
| 93 | Mr. HANUMANTHA REDDY R | ATTENDER | 51 YEARS | PUC | 3/1/2005 | Yes |
| 94 | Mr. MANJUNATHA K G | HELPER | 57 YEARS | Secondary | 3/1/2005 | Yes |
| 95 | Mr. HARISH H | DRIVER | 53 YEARS | Secondary | 3/1/2005 | Yes |
| 96 | Mr. NARENDRA KUMAR G S | HELPER | 49 YEARS | PUC | 3/1/2005 | Yes |
| 97 | Mr. DAYANANDA P G | ADMIN STAFF - EXAM | 49 YEARS | Secondary | 12/1/2005 | Yes |
| 98 | Mr. BASAVARAJ C | HELPER | 51 YEARS | Secondary | 12/1/2005 | Yes |
| 99 | Mr. MARIDEVA M H | ATTENDER | 50 YEARS | Secondary | 9/1/2004 | Yes |
| 100 | Mr. SHANTHAPPA P | HELPER | 52 YEARS | - | 12/1/2005 | Yes |
| 101 | Mr. ANANDA H | ATTENDER | 38 YEARS | SSLC | 12/1/2005 | Yes |
| 102 | Mr. AJJAIAH H | SWEEPER | 50 YEARS | - | 12/1/2005 | Yes |
| 103 | Mr. KIRANKUMAR N B | DRIVER | 55 YEARS | Secondary | 2/1/2006 | Yes |
| 104 | Mr. NAGARAJACHAR S R | INSTRUCTOR | 52 YEARS | Diploma | 1/4/2006 | Yes |
| 105 | Mrs. YASHODHAMMA | HELPER | 45 YEARS | - | 8/1/2006 | Yes |
| 106 | Mrs. JYOTHI | ATTENDER | 42 YEARS | - | 8/1/2006 | Yes |
| 107 | Mr. SURESH N | DRIVER | 56 YEARS | Secondary | 10/1/2006 | Yes |
| 108 | Mr. RAJASHEKHARAPPA B M | HELPER | 55 YEARS | SSLC | 11/1/2006 | Yes |
| 109 | Mr. SURESH V | ASSISTANT INSTRUCTOR | 55 YEARS | Diploma | 11/1/2006 | Yes |
| 110 | Mr. KENCHAPPA S | DRIVER | 50 YEARS | Secondary | 12/1/2006 | Yes |
| 111 | Mr. VEERABHADRAPPA | INSTRUCTOR | 49 YEARS | Diploma | 8/28/2006 | Yes |
| 112 | Mr. NARESH O S | FOREMAN | 57 YEARS | BE | 2/15/2007 | Yes |
| 113 | Mr. DURUGOJI RAO M | HELPER | 46 YEARS | Secondary | 4/1/2007 | Yes |
| 114 | Mr. SURESH K C | Foreman | 55 YEARS | MSc | 9/1/2007 | Yes |
| 115 | Mrs. HALAMMA S | SWEEPER | 52 YEARS | - | 1/3/2008 | Yes |
| 116 | Mr. DINESH D | DRIVER | 55 YEARS | - | 9/1/2008 | Yes |
| 117 | Mr. RENUKHARADYA S M | DRIVER | 52 YEARS | Secondary | 10/1/2009 | Yes |
| 118 | Mr. ESHWARA H R | COOK | 51 YEARS | BA | 8/1/2010 | Yes |

| | | | | | | |
|---|---|---|---|---|---|---|
| 119 | Mrs. SIDDAMMA N S | SWEEPER | 45 YEARS | - | 4/1/2011 | Yes |
| 120 | Mr. RAMESH KUMAR M | ATTENDER | 42 YEARS | Secondary | 4/1/2010 | Yes |
| 121 | Mr. MALLAYYA S HIREMATH | HELPER | 51 YEARS | Secondary | 4/1/2011 | Yes |
| 122 | Mr. PRASANNA KUMAR S | INSTRUCTOR | 45 YEARS | Diploma | 9/21/2011 | Yes |
| 123 | Mrs. VIJAYALAXMI K B | ADMIN STAFF - ACCOUNTS | 54 YEARS | B. Com. | 6/1/2012 | Yes |
| 124 | Mrs. GEETHA K M | ADMIN STAFF - EXAM | 52 YEARS | Diploma | 6/1/2012 | Yes |
| 125 | Mr. PRAKASH T K | INSTRUCTOR | 44 YEARS | Diploma | 2/5/2010 | Yes |
| 126 | Mr. VIJITH J R | INSTRUCTOR | 35 YEARS | Diploma | 8/1/2012 | Yes |
| 127 | Mrs. GANGAMMA N | SWEEPER | 50 YEARS | - | 6/1/2012 | Yes |
| 128 | Mr. CHANDRASHEKHAR H | HELPER | 47 YEARS | - | 6/1/2012 | Yes |
| 129 | Mrs. DEVAKKA | HELPER | 38 YEARS | - | 6/1/2012 | Yes |
| 130 | Mr. MANJUNATH M | HELPER | 56 YEARS | - | 6/1/2012 | Yes |
| 131 | Mrs. PATHEEMA A | SWEEPER | 48 YEARS | - | 6/1/2012 | Yes |
| 132 | Mr. SANTOSH KUMAR M | DRIVER | 44 YEARS | Secondary | 11/1/2013 | Yes |
| 133 | Mr. PRASANNA B M | HELPER | 53 YEARS | PUC | 11/1/2013 | Yes |
| 134 | Mrs. ANUPAMA A V | ADMIN STAFF - ACCOUNTS | 38 YEARS | B.COM | 11/1/2013 | Yes |
| 135 | Mrs. SRIDEVI | SWEEPER | 42 YEARS | - | 11/1/2013 | Yes |
| 136 | Mr. BASAVARAJ K T | DRIVER | 47 YEARS | - | 10/1/2014 | Yes |
| 137 | Mr. DEEPAK J M | HELPER | 37 YEARS | - | 10/1/2014 | Yes |
| 138 | Mrs. DUGGAMMA | SWEEPER | 41 YEARS | M L I Sc | 10/1/2014 | Yes |
| 139 | Mr. KOTRESH J S | ASSISTANT LIBRARIAN | 46 YEARS | BA, M L I Sc | 10/1/2015 | Yes |
| 140 | Mr. HANUMANTHAPPA Y | PED | 36 YEARS | B P Ed | 10/1/2015 | Yes |
| 141 | Mrs. ARUNDATHI R | SWEEPER | 46 YEARS | - | 10/1/2015 | Yes |
| 142 | Mr. VIKRAM B S | ASSISTANT LIBRARIAN | 45 YEARS | B.Com, M.Lib | 10/1/2016 | Yes |
| 143 | Mr. NAGARAJ K G | HELPER | 41 YEARS | Secondary | 3/19/2013 | Yes |
| 144 | Mr. NAGARAJ P | DRIVER | 35 YEARS | Secondary | 10/1/2016 | Yes |
| 145 | Mr. MOHAN K | DRIVER | 59 YEARS | | 10/1/2016 | Yes |
| 146 | Mrs. SUDHA S | SWEEPER | 39 YEARS | | 10/1/2016 | Yes |
| 147 | Mrs. SUKANYA | ATTENDER | 35 YEARS | | 10/1/2016 | Yes |
| 148 | Mr. SHANTHARAJ M G | BUS MAINTAINANCE INCHARGE | 57 YEARS | | 12/8/2016 | Yes |

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|---|---|---|---|---|---|---|
| 149 | Mr. PRAVEEN V ANEGUNDI | INSTRUCTOR | 52 YEARS | | 8/8/2016 | Yes |
| 150 | Mr. MUDDAVEERAPPA | HELPER | 47 YEARS | | 9/1/2017 | Yes |
| 151 | Dr. DIVYANANDA K | GCM | 71 YEARS | | 5/1/2018 | Yes |
| 152 | Mr. SANDESH J KUMAR | ASSISTANT LIBRARIAN | 37 YEARS | | 9/1/2018 | Yes |
| 153 | Mr. SANDEEP H M | INSTRUCTOR | 34 YEARS | MSC | 2/9/2017 | Yes |
| 154 | Mr. SOMASHEKHAR K M | DRIVER | 44 YEARS | | 10/1/2018 | Yes |
| 155 | Mr. KOTRAYYA H M | SECURITY SUPERVISER | 46 YEARS | | 10/1/2019 | Yes |
| 156 | Mr. MADHUSUDHAN C | HELPER | 32 YEARS | | 10/1/2019 | Yes |
| 157 | Mr. BASAVARAJ M | DRIVER | 54 YEARS | | 10/1/2019 | Yes |
| 158 | Mrs. NETRAVATHI K N | HELPER | 40 YEARS | | 3/1/2021 | Yes |
| 159 | Mr. ANJINI | HELPER | 34 YEARS | | 3/1/2021 | Yes |
| 160 | Mr. RAVINDRA S A | HELPER | 53 YEARS | | 3/1/2021 | Yes |
| 161 | Mr. MARAPPA C | SWEEPER | 46 YEARS | | 3/1/2021 | Yes |
| 162 | Mr. BASAVARAJA H | HELPER | 43 YEARS | | 3/1/2021 | Yes |
| 163 | Mrs. MANGALA R | ADMIN STAFF | 48 YEARS | B. Com. | 3/1/2021 | Yes |
| 164 | Mr. MANJAPPA K | DRIVER | 55 YEARS | | 3/1/2021 | Yes |
| 165 | Mr. PRASHANTH KUMAR D N | DRIVER | 37 YEARS | | 3/1/2021 | Yes |
| 166 | Mr. SHIVAKUMAR S C | DRIVER | 64 YEARS | | 3/1/2021 | Yes |
| 167 | Mrs. MARIYAMMA | SWEEPER | 53 YEARS | | 3/1/2021 | Yes |
| 168 | Mrs. RAJESHWARI R | SWEEPER | 34 YEARS | | 3/1/2021 | Yes |
| 169 | Mr. GANESH GOWDA | COOK | 58 YEARS | | 3/1/2021 | Yes |
| 170 | Mr. RAMESH P T | ELECTRICIAN | 33 YEARS | ITI | 4/1/2021 | Yes |
| 171 | Mr. CHETHAN K M | INSTRUCTOR | 33 YEARS | Diploma | 6/17/2021 | Yes |
| 172 | Mr. SHIVARAJU B | INSTRUCTOR | 28 YEARS | Diploma | 6/1/2021 | Yes |
| 173 | Mrs. ANJINAMMA H S | HELPER | 51 YEARS | | 11/1/2021 | Yes |
| 174 | Mrs. SHOBHA S | HELPER | 44 YEARS | | 11/1/2021 | Yes |
| 175 | Mrs. MAHADEVAMMA | HELPER | 43 YEARS | | 11/1/2021 | Yes |
| 176 | Mrs. JAYAMMA | HELPER | 35 YEARS | | 11/1/2021 | Yes |
| 177 | Mrs. NAGAMMA | HELPER | 45 YEARS | puc | 11/1/2021 | Yes |
| 178 | Mr. DEEPAK S D | ASSISTANT MANAGER - HR | 38 YEARS | | 11/2/2021 | Yes |
| 179 | Mr. YUVARAJ KONDAJJI | INSTRUCTOR | 39 YEARS | diploma in E&C | 12/1/2022 | Yes |

| | | | | | | |
|---|---|---|---|---|---|---|
| 180 | Mr. B H NATARAJA | SECURITY MANAGER | 65 YEARS | BA | 12/3/2021 | Yes |
| 181 | Mrs. MANJAMMA S | SWEEPER | 50 YEARS | | 11/1/2013 | Yes |
| 182 | Mr. AKASH GOWDA | PLACEMENT ASSISTANT | 30 YEARS | B. Com | 3/7/2022 | Yes |
| 183 | Mrs. MANJAMMA P | LIBRARY ASSISTANT | 48 YEARS | B. Lib. | 5/11/2022 | Yes |
| 184 | Mr. RAKESH A | INSTRUCTOR | 31 YEARS | Diploma | 1/6/2022 | Yes |
| 185 | Mr. KESHAVA S V | INSTRUCTOR | 43 YEARS | Diploma | 7/9/2022 | Yes |
| 186 | Ms. PRIYA S | INSTRUCTOR | 27 YEARS | B E | 9/26/2022 | Yes |
| 187 | Mr. VARUNA S B | INSTRUCTOR | 30 YEARS | Diploma | 11/2/2022 | Yes |
| 188 | Mr. G M HIREMATH | SECURITY MANAGER | 70 YEARS | | 2/1/2023 | Yes |
| 189 | Mr. SANJEEVA A | DRIVER | 27 YEARS | Secondary | 2/1/2023 | Yes |
| 190 | Mr. VINAYAKA R | PEST CONTROLLER | 25 YEARS | | 6/1/2023 | Yes |
| 191 | Mr. K M GOPINATH | Office Ast | 51 YEARS | B. Com. | 1/1/2023 | Yes |
| 192 | Mr. S SATHISH RAO | DRIVER | 37 YEARS | | 3/1/2021 | Yes |
| 193 | Mr. SHIVU KUMAR K | DRIVER | 28 YEARS | Secondary | 10/1/2022 | Yes |
| 194 | Mr. NATARAJA G A | DRIVER | 36 YEARS | Secondary | 3/1/2021 | Yes |
| 195 | Mr. PRAKASH C | DRIVER | 42 YEARS | Secondary | 3/1/2021 | Yes |
| 196 | Mr. THIPPESWAMY B | ELECTRICIAN | 27 YEARS | ITI | 6/1/2022 | Yes |
| 197 | Mr. SANJEEVA C H | DRIVER | 35 YEARS | Secondary | 3/1/2021 | Yes |
| 198 | Mrs. CHANDRAMMA S R | HELPER | 42 YEARS | | 9/2/2022 | Yes |
| 199 | Mrs. KAVITHA M | HELPER | 37 YEARS | | 5/11/2022 | Yes |
| 200 | Mr. ANJANEYA V R | ELECTRICIAN | 35 YEARS | | 7/18/2022 | Yes |
| 201 | Mr. MANJUNATHA C E | INSTRUCTOR | 33 YEARS | Diploma | 9/5/2022 | Yes |
| 202 | Mr. VEERESHA B P | ADMIN STAFF - ESTABLISHMENT | 28 YEARS | BA | 11/1/2023 | Yes |
| 203 | Mr. RAJESH P T | INSTRUCTOR | 52 YEARS | Diploma | 10/25/2023 | Yes |
| 204 | Ms. RASHMI R | ADMIN STAFF - ACCOUNTS | 34 YEARS | M. A. | 11/4/2023 | Yes |
| 205 | Mr. SUNIL KUMAR M C | PLACEMENT ASSISTANT | 42 YEARS | B.E. | 3/1/2024 | Yes |
| 206 | Mr. RAGHAVENDRA V | ELECTRICIAN | 47 YEARS | ITI | 2/1/2024 | Yes |
| 207 | Ms. PRATHIBHA K | INSTRUCTOR | 29 YEARS | Diploma | 2/1/2024 | Yes |
| 208 | Mr. ANNAPPA | HELPER | 38 YEARS | | 3/1/2024 | Yes |
| 209 | Mr. SIDDESH H | PLUMBER | 30 YEARS | | 4/1/2024 | Yes |
| 210 | Mr. SIDDESH Y G | INSTRUCTOR | 29 YEARS | BCA | 4/1/2024 | Yes |

| | | | | | | |
|---|---|---|---|---|---|---|
| 211 | Mr. SANJAY K B | INSTRUCTOR | 30 YEARS | Diploma | 6/13/2024 | Yes |
| 212 | Mr. M G NAGARAJA | ELECTRICIAN | 46 YEARS | ITI | 7/5/2024 | Yes |
| 213 | Mrs. SOUMYA G R | INSTRUCTOR | 32 YEARS | BE(CS&E) | 7/1/2024 | Yes |
| 214 | Mrs. SHRUTI G SHANWAD | ADMIN STAFF | 34 YEARS | BCA | 7/1/2024 | Yes |
| 215 | Mr. BHAVI DARSHANA R | INSTRUCTOR | 22 YEARS | Diploma | 7/1/2024 | Yes |
| 216 | Mr. HEMANTH M H | INSTRUCTOR | 23 YEARS | Diploma In CSE | 7/1/2024 | Yes |
| 217 | Mr. VIJAYA H L | INSTRUCTOR | 35 YEARS | B. Com. | 7/1/2024 | Yes |
| 218 | Mr. NANDEESH B | STP INCHARGE | 31 YEARS | SSLC | 9/20/2024 | Yes |
| 219 | Mrs. JANAKI BAI | HELPER | 42 YEARS | Secondary | 12/1/2024 | Yes |
| 220 | Mr. ABHISHEK V H | DRIVER | 30 YEARS | Secondary | 1/1/2025 | Yes |
| 221 | Mrs. AISHWARYA S | INSTRUCTOR | 30 YEARS | B.E. | 1/1/2025 | Yes |
| 222 | Mr. MANJUNATH NINGAPPA NAMADEV | DRIVER | 35 YEARS | | 3/1/2025 | Yes |
| 223 | Mr. RAGHAVENDRA B V | DRIVER | 33 YEARS | | 2/1/2025 | Yes |
| 224 | Mr. N SHIVAJI RAO | ADMIN STAFF | 58 YEARS | BA | 3/1/2025 | Yes |
| 225 | Ms. T P KAVYA | INSTRUCTOR | 25 YEARS | DIPLOMA | 3/1/2025 | Yes |
| 226 | Mr. SHIVAKUMAR H S | ATTENDER | 51 YEARS | PUC | 6/1/2025 | Yes |
| 227 | Mr. ARUN KUMAR K B | ELECTRICIAN | 38 YEARS | DIPLOMA | 6/1/2025 | Yes |
| 228 | Mr. THANOJI T S | PLUMBER | 25 YEARS | SSCL | 6/1/2025 | Yes |
| 229 | Ms. PALLAVI H G | INSTRUCTOR | 29 YEARS | B.E(CSE) | 6/1/2025 | Yes |
| 230 | Mr. SAGAR S | CIVIL ENGINEER | 33 YEARS | BE CIVIL | 6/1/2025 | Yes |
| 231 | Mr. PRAVEEN KUMAR B | TILES WORKER | 34 YEARS | SSLC | 6/1/2025 | Yes |
| 232 | CHETAN K | GRAPHIC DESIGNER | 28 YEARS | BBA | 03-04-2024 | Yes |
| 233 | AISIRI | GRAPHIC DESIGNER | 23 YEARS | B.Sc in animation | 05-04-2024 | Yes |
| 234 | PRAVEEN C S | DRIVER | 43 YEARS | | 21-06-2024 | Yes |
| 235 | RANGANATH S R | SECURITY | 45 YEARS | | 26-06-2024 | Yes |
| 236 | NETHRAVATHI S | ATTENDER - OFFICE | 37 YEARS | PUC | 30-07-2024 | Yes |
| 237 | AVINASH ASHWIK | PLACEMENT ASSISTANT | 29 YEARS | | 01-10-2024 | Yes |
| 238 | RAJU H | DRIVER | 28 YEARS | | 01-10-2024 | Yes |
| 239 | GUDDAPPA S K | GARDENER MAINTENANCE | 46 YEARS | | 14-09-2024 | Yes |
| 240 | MURUGESH G B | DRIVER | 23 YEARS | | 10-10-2024 | Yes |

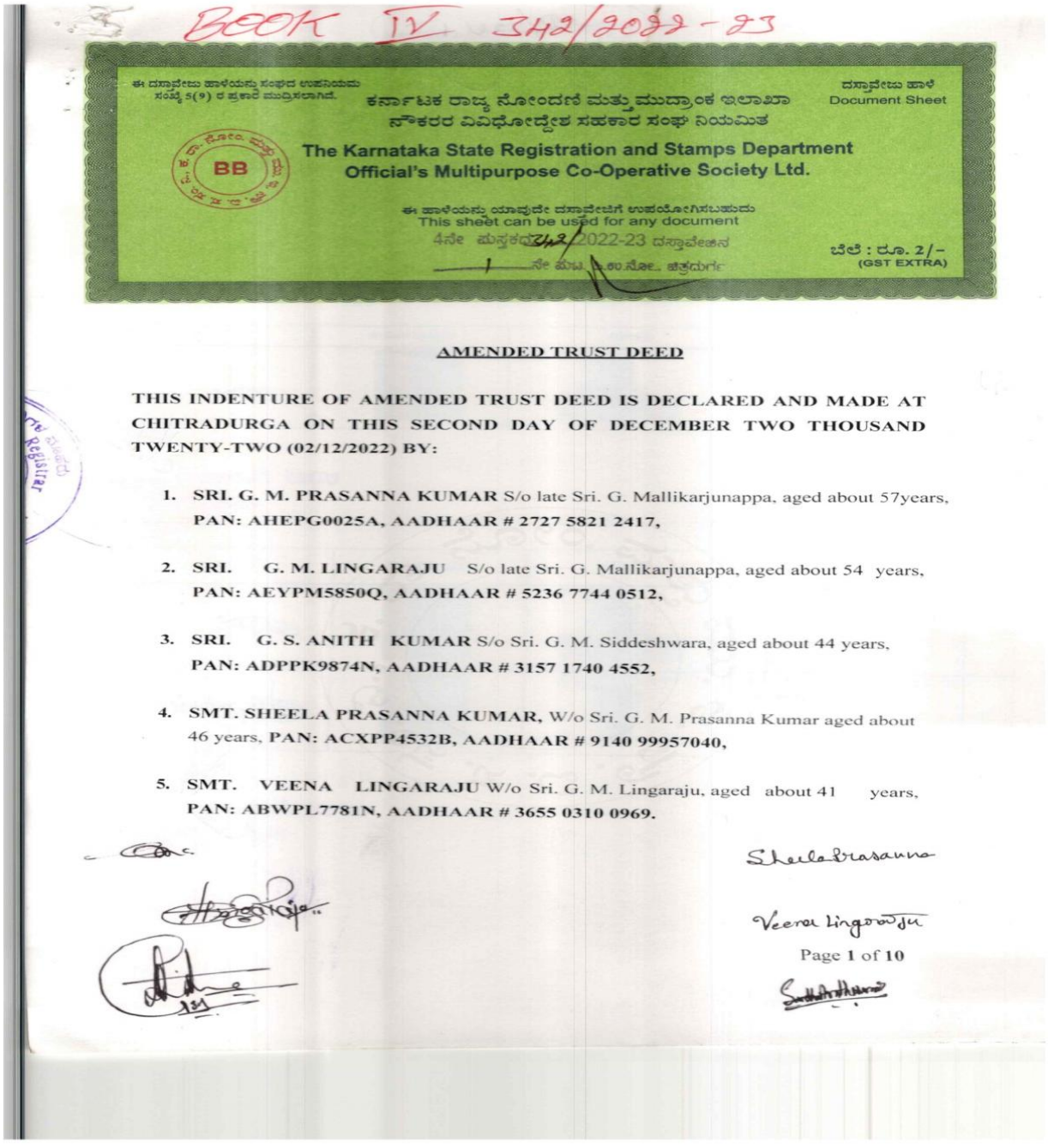
| | | | | | | |
|---|---|---|---|---|---|---|
| 241 | DURGESH | GARDENER MAINTENANCE | 47 YEARS | | 04-11-2024 | Yes |
| 242 | SUMA H K | ADM OFFICE | 25 YEARS | B.COM | 05-12-2024 | Yes |
| 243 | PRIYANKA S | ADM OFFICE | 28 YEARS | B.COM | 05-12-2024 | Yes |
| 244 | NAGARAJ BAGALEPPARA | HOSTEL | 25 YEARS | MA | 01-01-2025 | Yes |
| 245 | HANUMAGOUDA S K | ATTENDER E&C | 29 YEARS | | 11-01-2025 | Yes |
| 246 | NINGARAJ CHANDRAPPA K | DRIVER | 25 YEARS | | 01-01-2025 | Yes |
| 247 | S S PATIL | SUPERVISOR | 73 YEARS | | 01-02-2025 | Yes |
| 248 | LOKESHAPPA B | HELPER | 55 YEARS | | 01-02-2025 | Yes |
| 249 | MYLAMMA H | SWEEPER | 53 YEARS | | 01-02-2025 | Yes |
| 250 | MANJUNATHA K S | ACCOUNTS | 61 YEARS | | 01-08-2024 | Yes |
| 251 | MADHUKUMAR R | DRIVER | 35 YEARS | | 03-02-2025 | Yes |
| 252 | GNYANESHWAR M K | DRIVER | 35 YEARS | | 03-02-2025 | Yes |
| 253 | MADHUSUDAN M N | DRIVER | 38 YEARS | | 01-03-2025 | Yes |
| 254 | PAVAN H P | HELPER TRAINING & PLACEMENT | 31 YEARS | ITI | 18-04-2025 | Yes |
| 255 | MALLIKARJUN H | DRIVER | 48 YEARS | NA | 01-04-2025 | Yes |
| 256 | MAHESHWARAPPA P | DRIVER | 46 YEARS | | 01-01-2025 | Yes |
| 257 | MARUTHI B S | HELPER ADMIN BLOCK | 24 YEARS | SSCL | 03-07-2025 | Yes |
| 258 | SACHIN N R | DRIVER | 21 YEARS | PUC | 01-07-2025 | Yes |
| 259 | CHANDAN T | DRIVER | 32 YEARS | SSLC | 15-07-2025 | Yes |

**Note:**

- Scale of pay will be given on demand

**Annexure-1**

**Srishyla Education Trust- Deed**



BOOK IV 342/2022-23

ಈ ದಸ್ತಾವೇಜು ಹಾಳೆಯನ್ನು ಸಂಘದ ಉಪನಿಯಮ ಸಂಖ್ಯೆ 5(9) ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ ಇಲಾಖಾ ನೌಕರರ ವಿವಿಧೋದ್ದೇಶ ಸಹಕಾರ ಸಂಘ ನಿಯಮಿತ

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4ನೇ ಪುಸ್ತಕದ 342/2022-23 ದಸ್ತಾವೇಜಿನ

ನೇ ಮುಖ್ಯ ಪುಸ್ತಕದಲ್ಲಿ

ಬೆಲೆ : ರೂ. 2/- (GST EXTRA)

## AMENDED TRUST DEED

**THIS INDENTURE OF AMENDED TRUST DEED IS DECLARED AND MADE AT CHITRADURGA ON THIS SECOND DAY OF DECEMBER TWO THOUSAND TWENTY-TWO (02/12/2022) BY:**

1. **SRI. G. M. PRASANNA KUMAR** S/o late Sri. G. Mallikarjunappa, aged about 57years, **PAN: AHEPG0025A, AADHAAR # 2727 5821 2417,**

2. **SRI. G. M. LINGARAJU** S/o late Sri. G. Mallikarjunappa, aged about 54 years, **PAN: AEYPM5850Q, AADHAAR # 5236 7744 0512,**

3. **SRI. G. S. ANITH KUMAR** S/o Sri. G. M. Siddeshwara, aged about 44 years, **PAN: ADPPK9874N, AADHAAR # 3157 1740 4552,**

4. **SMT. SHEELA PRASANNA KUMAR,** W/o Sri. G. M. Prasanna Kumar aged about 46 years, **PAN: ACXPP4532B, AADHAAR # 9140 99957040,**

5. **SMT. VEENA LINGARAJU** W/o Sri. G. M. Lingaraju, aged about 41 years, **PAN: ABWPL7781N, AADHAAR # 3655 0310 0969.**

Sheela Prasanna

Veena Lingaraju

4ನೇ ಪುಸ್ತಕದ 2022-23 ದಸ್ತಾವೇಜಿನ
2 ನೇ ಪುಟ. ಹಿ.ಕಾ.ನೋ., ಚಿತ್ರದುರ್ಗ

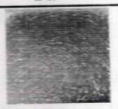
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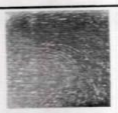
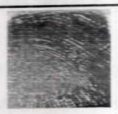
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|---|---|---|
| 1 | ನೋಂದಣಿ ಶುಲ್ಕ | 500.00 |
| 2 | ಸ್ಕ್ಯಾನಿಂಗ್ ಫೀ | 560.00 |
| | ಒಟ್ಟು : | 1060.00 |

ಶ್ರೀ Sri G. M. PRASANNA KUMAR ಬಿನ್ LATE G. MALLIKARJUNAPPA. ಇವರಿಂದ ಹಾಜರ ಮಾಡಲ್ಪಟ್ಟಿದೆ

| ಹೆಸರು | ಫೋಟೊ | ಹೆಬ್ಬೆಟ್ಟಿನ ಗುರುತು | ಸಹಿ |
|---|---|---|---|
| ಶ್ರೀ Sri G. M. PRASANNA KUMAR ಬಿನ್ LATE G. MALLIKARJUNAPPA. |  |  | |

ಉಪ ನೋಂದಣಾಧಿಕಾರಿ
ಚಿತ್ರದುರ್ಗ
ಸಬ್ ರಜಿಸ್ಟ್ರಾರ

ಬರೆದುಕೊಟ್ಟಿದ್ದಾಗಿ(ಮತ್ತು ಪೂರ್ಣ/ಭಾಗಶಃ ಪ್ರತಿಫಲ) ರೂ..... (ರೂಪಾಯಿ.....ಮುಟ್ಟಿದ್ದಾಗಿ) ಒಪ್ಪಿರುತ್ತಾರೆ

| ಕ್ರಮ ಸಂಖ್ಯೆ | ಹೆಸರು | ಫೋಟೊ | ಹೆಬ್ಬೆಟ್ಟಿನ ಗುರುತು | ಸಹಿ |
|---|---|---|---|---|
| 1 | Sri G. M. PRASANNA KUMAR ಬಿನ್ LATE G. MALLIKARJUNAPPA. (ಬರೆಸಿಕೊಂಡವರು) |  |  | |
| 2 | Sri G. M. LINGARAJU . ಬಿನ್ LATE G. MALLIKARJUNAPPA (ಬರೆಸಿಕೊಂಡವರು) |  |  | |

ಉಪ ನೋಂದಣಾಧಿಕಾರಿ
ಚಿತ್ರದುರ್ಗ

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4ನೇ ಪುಸ್ತಕದ 2022-23 ದಸ್ತಾವೇಜಿನ

3 ನೇ ಪುಟ. ಹಿ.ಉ.ಸೋ., ಚಿತ್ರದುರ್ಗ

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

**AND**

6. **SMT. G.A. SAVITHA** W/o Sri. G. S. Anith Kumar aged about 37 years, **PAN: CAIPS3473F, AADHAAR # 8196 36464888,**

All are residing at **"GEM HOUSE"** Main Road, Thurebailu, Bheemasamudra, Chitradurga-577520, who shall hereinafter referred as "**TRUSTEES OF THE TRUST**". (which expression shall unless repugnant to the context or meaning thereof shall mean and include their and each of their legal heirs, legal representatives, administrators, executors and assigns).

**WITNESSETH AS UNDER:**

**WHEREAS "SRISHYLA EDUCATIONAL TRUST"** was established on 21-08-2000 by Founders and Trustees Sri. G. M. Prasanna Kumar, Smt. G. M. Halamma and Sri. G. S. Gayathri, registered as document # 47 /2000-01, Book IV, Volume 33, Pages 98-105, in the office of the Sub-Registrar Chitradurga on 13-11-2000, appointing the **TRUSTEES** named in the said Trust Deed (Hereinafter the Principal Trust Deed) and hereinafter referred to as **FIRST TRUSTEES.**

**WHEREAS** the **TRUSTEES** have also executed **SUPPLEMENTARY TRUST DEED** dt 17-11-2001, registered as document # 44/2001-02, Book IV, volume 34, pages 91-92, in the office of sub-registrar Chitradurga on 30-11-2001.

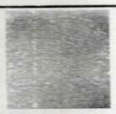
Sheela Prasanna



Veera Lingaraju

4ನೇ ಪುಸ್ತಕದ 2022-23 ದಸ್ತಾವೇಜಿನ

4 ನೇ ಮುಟ. ಹಿ.ಉ.ನೋ., ಚಿತ್ರದುರ್ಗ

| ಕ್ರಮ ಸಂಖ್ಯೆ | ಹೆಸರು | ಫೋಟೊ | ಹೆಬ್ಬೆಟ್ಟಿನ ಗುರುತು | ಸಹಿ |
|---|---|---|---|---|
| 3 | Sri G. S. ANITH KUMAR . ಬಿನ್ G M SIDDESHWARA<br>(ಬರೆಸಿಕೊಂಡವರು) |  |  | |
| 4 | Smt SHEELA PRASANNA KUMAR ಕೋ G. M. PRASANNA KUMAR<br>(ಬರೆಸಿಕೊಂಡವರು) |  |  | Sheela Prasanna |
| 5 | Smt VEENA LINGARAJU . ಕೋ G. M. LINGARAJU<br>(ಬರೆಸಿಕೊಂಡವರು) |  |  | Veena Lingaraju |
| 6 | Smt G. A. SAVITHA . ಕೋ G. S. ANITH KUMAR<br>(ಬರೆಸಿಕೊಂಡವರು) |  |  | Savitha |

ಉಪ ನೋಂದಣಾಧಿಕಾರಿ
ಚಿತ್ರದುರ್ಗ

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4ನೇ ಪುಸ್ತಕದ 742/2022-23 ದಸ್ತಾವೇಜಿನ

ನೇ ಪುಟ. ಹಿ.ಪ.ನೋ., ಹತ್ತಿರುಗಡ

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

**WHEREAS** among the Trustees named and appointed in the said Trust Deed dt 21-08-2000, Smt. G M Halamma W/o Sri G Mallikarjunappa has expired on 14th December, 2006, and Smt G S Gayathri resigned from the office of the trust as a trustee from all the positions and the same is accepted by the board of trustees in the board resolution dated 27th day of July 2009, with the remaining Trustees Shri G.M. Prasanna Kumar continuing as trustees by Co-opting Shri. G.M. Lingaraju, Shri. G. S. Anith Kumar, Smt. Sheela Prasanna Kumar, Smt Veena Lingaraju and Smt G. A. Savitha, who have been constituting as Board of Trustees from time to time from the date of inception of the trust.

**WHEREAS** due to demise of Smt G. M. Halamma one among the **FIRST TRUSTEES** there has been change in Board of Trustees from time to time and as such the trust is presently being managed by the Board of Trustees named above and therefore the Trustees have resolved to amend the Trust Deed incorporating the changes in the Board of Trustees, Objects and Other amendments that have become necessary.

**NOW THEREFORE THIS AMENDED TRUST DEED WITNESSETH AS UNDER:**

1. **NAME**: The name of the trust shall continue to be known as **"SRISHYLA EDUCATIONAL TRUST".**

2. **CONSTITUTION:** The trust is **PUBLIC CHARITABLE TRUST**, established for promoting education detailed in the Object Clause for the benefit of general public, the benefit of which is for all section of people irrespective of caste, creed and religion.

Sheela Prasanna

Veena Lingaraju

ಈ ದಸ್ತಾವೇಜು ಹಾಳೆಯನ್ನು ಸಂಘದ ಉಪನಿಯಮ ಸಂಖ್ಯೆ 5(9) ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ.

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4ನೇ ಮುದ್ರಣದ 2022-23 ದಸ್ತಾವೇಜನ

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

ಸೇ ಮುದ್ರ ಹಿ.ಕಾ.ನೋ., ಚಿತ್ರದುರ್ಗ

**REGISTERED OFFICE:** The Registered office of the trust shall continue to be at Bheemasamudra, Chitradurga District, Karnataka State with Administrative office at #77/20, 2nd Floor, 15th Cross, 4th Main Road, Malleshwaram, Bengaluru – 560 003, and the trustees may change the registered office and the administrative office to place or places in the State of Karnataka as they may decide from time to time and the trustees for efficient working of the trust may open administrative office/s, including Branches in the name of the trust in any part of India.

3. **OBJECTS OF THETRUST:**

The following clauses shall be inserted in detail after the existing "Objects" clause 3 of the Principal trust deed dated 21st August, 2000.

**a. Promoting All Education:**

i. The trust has been established for the purposes of promoting all education such as Technical education like Mechanical Engineering, Electrical Engineering, Civil Engineering, Architecture, Computer Science, Biotechnology, Artificial Intelligence, etc., Masters in Technical Education, Medical Education including Post Graduation in Medical Sciences etc.., including e-education/e-learning and Surgery such as Medicine, Neurology, Cardiology, Pediatric, Orthopedic, Radiology, Gynecology, Obstetrics, Cosmetology, Dermatology, Ophthalmic Medicine etc., Pure and Applied sciences, Arts including History, Geography, Political Science, Commerce Education, Business Management Courses, Hotel Management Courses, Multi-disciplinary courses, Skill Development Courses, etc. and for this purpose establishing Colleges,

Sheela Prasanna
Veeralingayya.

4ನೇ ಪುಸ್ತಕದ 742/2022-23 ದಸ್ತಾವೇಜಿನ
6 ನೇ ಪುಟ. ಹಿ.ಕಾ.ನೋ., ಚಿತ್ರದುರ್ಗ

ಗುರುತಿಸುವವರು

| ಕ್ರಮ ಸಂಖ್ಯೆ | ಹೆಸರು ಮತ್ತು ವಿಳಾಸ | ಸಹಿ |
|---|---|---|
| 1 | D. S. SURESH BABU S/o. LATE SHIVARUDRAPPA B.V.K.S. Layout Chitradurga. | D. S. Suresh |
| 2 | Shivakumar K. C. S/o. Chandranna K. P. Hireguntakalu Chitradurga Tq. | Shivakumar K C |

ಉಪ ನೋಂದಣಾಧಿಕಾರಿ
ಚಿತ್ರದುರ್ಗ

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ನಂಬರ CDG-4-00342-2022-23 ಆಗಿ
ಸ್ಕ್ಯಾನ್ ನಂಬರ CDGD1231 ನೇ ದ್ವರಲ್ಲಿ
ದಿನಾಂಕ 27-12-2022 ರಂದು ನೋಂದಾಯಿಸಲಾಗಿದೆ

ಉಪ ನೋಂದಣಾಧಿಕಾರಿ
ಚಿತ್ರದುರ್ಗ

ಉಪ ನೋಂದಣಾಧಿಕಾರಿಗಳ ಮೊಹರು
The Seal Of The Sub-Registrar
Chitradurga
ಚಿತ್ರದುರ್ಗ

Designed and Developed by C-DAC, ACTS Pune

ಈ ದಸ್ತಾವೇಜು ಹಾಳೆಯನ್ನು ಸಂಘದ ಉಪನಿಯಮ ಸಂಖ್ಯೆ 5(9) ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ.

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The Karnataka State Registration and Stamps Department Official's Multipurpose Co-Operative Society Ltd.

ಈ ಹಾಳೆಯನ್ನು ಯಾವುದೇ ದಸ್ತಾವೇಜಿಗೆ ಉಪಯೋಗಿಸಬಹುದು
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4ನೇ ಪುಸ್ತಕದ 142/2022-23 ದಸ್ತಾವೇಜಿನ

9 ನೇ ಪುಟ ಹಿ.ಉ.ನೋ., ಚಿತ್ರದುರ್ಗ

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

Hospitals, Research institutes and Universities both under Central and State Act as per section 2(f) and 12B of UGC Act, 1956 including affiliation with Foreign Universities.

ii. Advancement of Women educationally, culturally, medical relief, relief of the poor, providing food and education and advancement of Indian Culture, literature and service of the nation and the advancement of any other objects of general public utility and be shall be lawful and competent for the trustees to give donations to other trust, Institutions and organizations having similar objects and the trust shall be for the benefit of all persons and the objects of the trust shall not include the objects involving the carrying on of any activity for profit within the meaning of Income Tax Act, 1961.

iii. To establish institutions / State Universities / deemed to be university under the 'de novo' category devoted to unique and emerging. areas of knowledge, not being pursued by conventional or existing. institutions - particularly in specific areas of study and research preferably sponsored by the Government of a State / UT or the Central Government regarded as important for strategic needs of the country or for the preservation' of our cultural heritage, so determined by a well laid-out process of wide consultation with the eminent peers of academic community.

iv. Establishing and supporting Professorships, Fellowships, Lectureships, Scholarships and sponsoring Prizes in Schools, Colleges, Universities and other educational institutions.

v. Pay Endowments to Universities, Research Institutions, and other Educational and Scientific Institutions, for spread of education and knowledge in all or any subjects of scientific and other knowledge.

Sheela Prasanna

Veera Lingaraju

ನೇ ಪುಸ್ತಕದ 342/2022-23 ದಸ್ತಾವೇಜಿನ

8 ನೇ ಪುಟ. ಹಿ.ಜಿ.ನೋ., ಚಿತ್ರದುರ್ಗ

ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ನೋಂದಣಿ ಹಾಗೂ ಮುದ್ರಾಂಕ ಇಲಾಖೆ
Department of Stamps and Registration
ಪ್ರಮಾಣ ಪತ್ರ

1957 ಕರ್ನಾಟಕ ಮುದ್ರಾಂಕ ಕಾಯ್ದೆಯ ಕಲಂ 10 ಎ ಆಡಿಯಲ್ಲಿಯ ಪ್ರಮಾಣ ಪತ್ರ

ಶ್ರೀ Sri G. M. PRASAN[illegible] KUMAR , ಇವರು 1000.00 ರೂಪಾಯಿಗಳನ್ನು ನಿಗದಿತ ಮುದ್ರಾಂಕ ಶುಲ್ಕವಾಗಿ ಪಾವತಿಸಿರುವದನ್ನು ದೃಢಿಕರಿಸಲಾಗಿದೆ

| ಪ್ರಕಾರ | ಮೊತ್ತ (ರೂ.) | ಹೆಣದ ಪಾವತಿಯ ವಿವರ |
|---|---|---|
| ಚಲನ್ | 1000.00 | Challan No CR1222003000723603 Rs.1000/- dated 26/Dec/2022 |
| ಒಟ್ಟು : | 1000.00 | |

ಸ್ಥಳ : ಚಿತ್ರದುರ್ಗ
ದಿನಾಂಕ : 27/12/2022

ಉಪ-ನೋಂದಣಿ ಪ್ರಾಧಿಕಾರಿ
(ಚಿತ್ರದುರ್ಗ)
ಚಿತ್ರದುರ್ಗ

Designed and Developed by C- DAC Pune.

ಈ ದಸ್ತಾವೇಜು ಹಾಳೆಯನ್ನು ಸಂಘದ ಉಪನಿಯಮ ಸಂಖ್ಯೆ 5(9) ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ.

ದಸ್ತಾವೇಜು ಹಾಳೆ
Document Sheet

ಕರ್ನಾಟಕ ರಾಜ್ಯ ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ ಇಲಾಖಾ
ನೌಕರರ ವಿವಿಧೋದ್ದೇಶ ಸಹಕಾರ ಸಂಘ ನಿಯಮಿತ

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The Karnataka State Registration and Stamps Department
Official's Multipurpose Co-Operative Society Ltd.

ಈ ಹಾಳೆಯನ್ನು ಯಾವುದೇ ದಸ್ತಾವೇಜಿಗೆ ಉಪಯೋಗಿಸಬಹುದು
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4ನೇ ಪುಸ್ತಕದ 2022-23 ದಸ್ತಾವೇಜಿನ

10 ನೇ ಪುಟ ಸಿ.ಆರ್.ಸೋ., ಚಿತ್ರದುರ್ಗ

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

vi. Assisting in Promotion of Research and Development in various fields and/or for undertaking, pursuing and encouraging Higher Education and Research work in any area of Engineering, Technology, Medical and Para-medical Sciences, Horticulture, Agriculture, or any other branch or branches of Modern applied science in its widest and most comprehensive sense.

vii. Assisting students to pursue their Academic, Professional and other studies by providing free ships, Scholarships, Hostel facilities, supply of books and other Requirements free of cost or at concessional rates or otherwise and generally to render assistance.

viii. Promotion of Indian Music, drama, painting, other fine arts and or Establishment of Institutions for Propagation and Implementation, Training in these fields and to render guidance to students in the foregoing fields.

ix. Establishment of Infrastructure for Residential Schools and Colleges, Employment oriented vocational colleges including providing stay and hostel facilities to students.

x. Establishment, Maintenance and support for Libraries, Reading rooms, Prayer halls, Auditorium for Advancement of Education, Cultural Activities and knowledge in general for the benefit of students pursuing education in the facilities established by SRISHYLA EDUCATIONALTRUST.

Sheela Prasanna

Veeralingayya

ಈ ದಸ್ತಾವೇಜು ಹಾಳೆಯನ್ನು ಸಂಘದ ಉಪನಿಯಮ ಸಂಖ್ಯೆ 5(9) ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ ಇಲಾಖಾ
ನೌಕರರ ವಿವಿಧೋದ್ದೇಶ ಸಹಕಾರ ಸಂಘ ನಿಯಮಿತ

ದಸ್ತಾವೇಜು ಹಾಳೆ
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The Karnataka State Registration and Stamps Department
Official's Multipurpose Co-Operative Society Ltd.

ಈ ಹಾಳೆಯನ್ನು ಯಾವುದೇ ದಸ್ತಾವೇಜಿಗೆ ಉಪಯೋಗಿಸಬಹುದು
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4ನೇ ಮುಸ್ಸಕದ 2022-23 ದಸ್ತಾವೇಜಿನ

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

xi. Spreading Education knowledge and learning in all the areas by Publication of books, magazines, journals, conducting lectures, seminars on spirituality and in any manner including conducting educational tour as part of Academic.

xii. To adopt the schools and colleges to improve the facilities and to donate school books, note books and stationeries to poor and needy people and to give scholarships for meritorious and needy students.

**b) <u>Provide Medical Relief to students, senior citizens, poor and needy</u>:**

i. Setting up primary Health centers, Hospitals or other Medical and Para- medical Institutions and running them or granting of subscriptions and Donations to Hospitals, Dispensaries, Convalescent homes, asylums, Nursing Homes and other Public Institutions for administering medical relief students, senior citizens.

ii. Setting up of old age homes, Facilities for Senior Citizens, houses for poor and needy.

iii. Endowments, help or support to hospitals, maternity homes, sanitarium and dispensaries.

iv. Grant of medical help to the poor and deserving persons at all times including during epidemic famine, flood, earthquake or any unforeseen calamity or war like situation.

v. Establishing, supporting, maintaining or helping through monetary, assistance, donations, gifts or otherwise Centers for Research in Medical Science including Ayurvedic, Homoeopathy, Naturopathy, Sidda Medicine and Unani and for that purpose to provide necessary funds to deserving persons in carrying out research.

Sheela Prasanna

Veerabhadrappa.

ಈ ದಸ್ತಾವೇಜು ಹಾಳೆಯನ್ನು ಸಂಘದ ಉಪನಿಯಮ ಸಂಖ್ಯೆ 5(9) ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ ಇಲಾಖಾ ನೌಕರರ ವಿವಿಧೋದ್ದೇಶ ಸಹಕಾರ ಸಂಘ ನಿಯಮಿತ

The Karnataka State Registration and Stamps Department Official's Multipurpose Co-Operative Society Ltd.

ದಸ್ತಾವೇಜು ಹಾಳೆ
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ಈ ಹಾಳೆಯನ್ನು ಯಾವುದೇ ದಸ್ತಾವೇಜಿಗೆ ಉಪಯೋಗಿಸಬಹುದು
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4ನೇ ಪುಸ್ತಕದ 319/2022-23 ದಸ್ತಾವೇಜಿನ

12 ನೇ ಪುಟ ಸಿ.ಆರ್.ಸೋ., ಚಿತ್ರದುರ್ಗ

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

**c) <u>Advancement of any object of general public utility including feeding the poor:</u>**

a. Distribution of free food and clothing to the poor and needy and/or to maintain, run and assist by providing food, poor feeding and the like to distribute clothing and the like free of cost or at concessional rates.

b. Promote Indian sports and Yoga by engaging sports and yoga masters.

c. Preservation of Environment including watersheds, forest, wildlife, preservation of monuments or places of other objects of historic interest.

d. Advancement of any object of general public utility including feeding the poor and downtrodden.

e. Helping poor widows, aged persons, physically and/or mentally challenged persons including setting up of old age homes, orphanages, poor houses, Women's Hostels and the like.

f. To acquire and maintain the movables and immovable properties for achieving and said objects.

g. To carry out all such acts, deed and things which are incidental or necessary for the promoting and achieving aforementioned objects, without discrimination of **caste, creed and religion**. If any of the above objects is found to be inconsistent with the objects of a **Public Charitable Nature** under section 11 or any other provisions of the Income-taxAct,1961or any other direct tax law or any other law applicable to such trust/foundation as now enacted or as may be enacted or amended in future, the objects stated above shall be treated as so modified to accord with such law or amended law so that any concessions, privileges, conditions or regulations available to and applicable to such public charitable institutions will be available or applicable to this **TRUST** as well so that this

Sheela Prasanna

Veera Lingaraju

ಈ ದಸ್ತಾವೇಜು ಹಾಳೆಯನ್ನು ಸಂಘದ ಉಪನಿಯಮ ಸಂಖ್ಯೆ 5(9) ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ ಇಲಾಖಾ ನೌಕರರ ವಿವಿಧೋದ್ದೇಶ ಸಹಕಾರ ಸಂಘ ನಿಯಮಿತ

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The Karnataka State Registration and Stamps Department Official's Multipurpose Co-Operative Society Ltd.

ಈ ಹಾಳೆಯನ್ನು ಯಾವುದೇ ದಸ್ತಾವೇಜಿಗೆ ಉಪಯೋಗಿಸಬಹುದು
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4ನೇ ಪುಸ್ತಕದ 749/2022-23 ದಸ್ತಾವೇಜಿನ

13 ನೇ ಪುಟ ಸಂಖ್ಯೆ

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

**TRUST** will continue to retain its character as a **Public Charitable Institution** without profit motive and public charitable character within the meaning of all such laws. All the objects of the **TRUST** and its activities shall be confined to India.

4. **PERPETUITY:** The **Trust** is irrevocable and will continue in perpetuity.

5. **BENEFICIARIES:** The benefits of this **TRUST** shall continue for all section of people irrespective of caste, creed and religion since the Trust is **Public Charitable Trust**.

**The following clauses shall be inserted after the clause no 31 of the principal trust deed.**

6. On execution of this Amended Trust Deed, the trustees have taken Re-possession of all the Trust Properties and Assets present and the properties and assets that may be received from time to time which shall be the corpus of the trust and they shall not be disposed off or subjected to any kind of charge for the purpose other than meeting the expenses or for carrying out the objects of the Trust or for any developmental purpose unless otherwise resolved unanimously by the Board of Trustees.

7. To borrow loans, to receive money, securities, or other movable property on behalf of the Trust.

8. To sell, transfer or otherwise dispose of any immovable property of the trust provided all the trustees unanimously resolve that it is in the interest of the trust to do so to sell or lease, mortgage, or otherwise dispose of any movable and immovable properties of the Trust.

Sheela Prasanna

Veeralingayya

ಈ ದಸ್ತಾವೇಜು ಹಾಳೆಯನ್ನು ಸಂಘದ ಉಪನಿಯಮ ಸಂಖ್ಯೆ 5(9) ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ ಇಲಾಖಾ ನೌಕರರ ವಿವಿಧೋದ್ದೇಶ ಸಹಕಾರ ಸಂಘ ನಿಯಮಿತ

ದಸ್ತಾವೇಜು ಹಾಳೆ
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The Karnataka State Registration and Stamps Department Official's Multipurpose Co-Operative Society Ltd.

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ಈ ಹಾಳೆಯನ್ನು ಯಾವುದೇ ದಸ್ತಾವೇಜಿಗೆ ಉಪಯೋಗಿಸಬಹುದು
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4ನೇ ಮುದ್ರಣದ 3/7/2022-23 ದಸ್ತಾವೇಜಿನ

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

14 ನೇ ಮಟ. ಕ ಸಾ.ನೋ., ಚಿತ್ರದುರ್ಗ

9. This Amended Trust Deed shall form part and parcel of the Principal Trust Deed dt_21- 08-2000 and the supplementary Trust Deed dt_17-112001 and shall be read together.

**IN WITNESS WHEREOF, THE PARTIES HERETO HEREUNDER HAVE SET THEIR RESPECTIVE SIGNATURE, TO THIS AMENDED TRUST DEED ON THE DAY MONTH AND THE YEAR FIRST HEREINABOVE WRITTEN, IN THE PRESENCE OF ATTESTING WITNESSES.**

**WITNESSES:**

1. D. S. [signature]
S/o. Late Shivakumarappa
B.V.K.S layout
Chitradurga.

2. S. Prasanna
S/o G. Shivalingappa
Bhimasamudra

**SRI. G.M. PRASANNA KUMAR**

**SRI.G.M. LINGARAJU**

**SRI. G.S. ANITHKUMAR**

Sheela Prasanna
**SMT. SHEELA PRASANNA KUMARA**

Veena Lingaraju
**SMT. VEENA LINGARAJU**

**SMT. G.A. SAVITHA**

**(TRUSTEES)**

Drafted by
Ramanagowda S. Gowdru
Advocate
Roll No. KAR/2279/98

**Annexure-2**

# ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ

ಅಧಿಕೃತವಾಗಿ ಪ್ರಕಟಿಸಲಾದುದು
ವಿಶೇಷ ರಾಜ್ಯ ಪತ್ರಿಕೆ


| ಭಾಗ – ೪ಎ<br>Part – IVA | ಬೆಂಗಳೂರು, ಗುರುವಾರ, ೧೬, ಮಾರ್ಚ್, ೨೦೨೩(ಫಾಲ್ಗುಣ, ೨೫, ಶಕವರ್ಷ, ೧೯೪೪)<br>BENGALURU, THURSDAY, 16, MARCH, 2023(PHALGUNA, 25, SHAKAVARSHA, 1944) | ಸಂ. ೧೧೯<br>No. 119 |
|---|---|---|


## ಸಂಸದೀಯ ವ್ಯವಹಾರಗಳು ಮತ್ತು ಶಾಸನ ರಚನೆ ಸಚಿವಾಲಯ
## ಅಧಿಸೂಚನೆ
**ಸಂಖ್ಯೆ: ಸಂವ್ಯಶಾಇ 39 ಶಾಸನ 2022, ದಿನಾಂಕ: 16.03.2023**

ಜಿ. ಎಮ್ ವಿಶ್ವವಿದ್ಯಾಲಯ ವಿಧೇಯಕ, 2022 ಇದಕ್ಕೆ 2023ರ ಮಾರ್ಚ್ ತಿಂಗಳ 13 ನೇ ದಿನಾಂಕದಂದು ರಾಜ್ಯಪಾಲರ ಒಪ್ಪಿಗೆ ದೊರೆತಿದ್ದು, ಸಾಮಾನ್ಯ ತಿಳುವಳಿಕೆಗಾಗಿ ಇದನ್ನು 2023 ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ: 19 ಎಂಬುದಾಗಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಪತ್ರದ ವಿಶೇಷ ಸಂಚಿಕೆಯಲ್ಲಿ (ಭಾಗ IV) ಪ್ರಕಟಿಸಬೇಕೆಂದು ಆದೇಶಿಸಲಾಗಿದೆ.

### 2023ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ:19
(2023ರ ಮಾರ್ಚ್ ತಿಂಗಳ 16ನೇ ದಿನಾಂಕದಂದು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಪತ್ರದ ವಿಶೇಷ ಸಂಚಿಕೆಯಲ್ಲಿ ಮೊದಲು ಪ್ರಕಟವಾಗಿದೆ)

### ಜಿ. ಎಮ್ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ, 2022
(2023ರ ಮಾರ್ಚ್ ತಿಂಗಳ 13ನೇ ದಿನಾಂಕದಂದು ರಾಜ್ಯಪಾಲರಿಂದ ಅನುಮೋದನೆಯನ್ನು ಪಡೆಯಲಾಗಿದೆ)

ಮೂಲ (Pure) ವಿಜ್ಞಾನಗಳು, ಇಂಜಿನಿಯರಿಂಗ್‌ನ ಎಲ್ಲಾ ವಿಭಾಗಗಳು, ಕಲೆ, ವ್ಯವಸ್ಥಾಪನೆ, ವಾಣಿಜ್ಯ, ಸಮಾಜವಿಜ್ಞಾನ ಹಾಗೂ ಮಾನವಿಕ ವಿಷಯಗಳಲ್ಲಿ ಆನ್ವಯಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಶಿಕ್ಷಣವನ್ನು ಪ್ರೋತ್ಸಾಹಿಸಲು ಮತ್ತು ಪ್ರಗತಿಯನ್ನು ಕೈಗೊಳ್ಳಲು ಹಾಗೂ ಅವುಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಅಥವಾ ಅವುಗಳಿಗೆ ಆನುಷಂಗಿಕವಾದ ವಿಷಯಗಳಿಗಾಗಿ ಶ್ರೀಶೈಲ ಎಜುಕೇಶನಲ್ ಟ್ರಸ್ಟ್ (ರಿ.) ಮೂಲಕ ಖಾಸಗಿ ವಲಯದಲ್ಲಿ ಏಕಾತ್ಮಕ ಸ್ವರೂಪದ ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯದಲ್ಲಿ ಸ್ಥಾಪಿಸಲು ಮತ್ತು ನಿಗಮಿತಗೊಳಿಸಲು ಒಂದು ಅಧಿನಿಯಮ.

ಇಲ್ಲಿ ಇನ್ನು ಮುಂದೆ ಕಂಡುಬರುವ ಉದ್ದೇಶಗಳಿಗಾಗಿ ಮೂಲ (Pure) ವಿಜ್ಞಾನಗಳು, ಇಂಜಿನಿಯರಿಂಗ್‌ನ ಎಲ್ಲಾ ವಿಭಾಗಗಳು, ಕಲೆ, ವ್ಯವಸ್ಥಾಪನೆ, ವಾಣಿಜ್ಯ, ಸಮಾಜವಿಜ್ಞಾನ ಹಾಗೂ ಮಾನವಿಕ ವಿಷಯಗಳಲ್ಲಿ ಆನ್ವಯಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಶಿಕ್ಷಣವನ್ನು ಪ್ರೋತ್ಸಾಹಿಸಲು ಮತ್ತು ಪ್ರಗತಿಯನ್ನು ಕೈಗೊಳ್ಳಲು ಹಾಗೂ ಅವುಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಅಥವಾ ಅವುಗಳಿಗೆ ಆನುಷಂಗಿಕವಾದ ವಿಷಯಗಳಿಗಾಗಿ ಶ್ರೀಶೈಲ ಎಜುಕೇಶನಲ್ ಟ್ರಸ್ಟ್ (ರಿ.) ಮೂಲಕ ಖಾಸಗಿ ವಲಯದಲ್ಲಿ ಏಕಾತ್ಮಕ ಸ್ವರೂಪದ ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯದಲ್ಲಿ ಸ್ಥಾಪಿಸಿ ನಿಗಮಿತಗೊಳಿಸುವುದು ಯುಕ್ತವಾಗಿರುವುದರಿಂದ;

ಇದು ಭಾರತ ಗಣರಾಜ್ಯದ ಎಪ್ಪತ್ತೊಂದನೇ ವರ್ಷದಲ್ಲಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಧಾನ ಮಂಡಲದಿಂದ ಈ ಮುಂದಿನಂತೆ ಅಧಿನಿಯಮಿತವಾಗಲಿದೆ:-

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## ಅಧ್ಯಾಯ - I
## ಪ್ರಾರಂಭಿಕ

**1. ಸಂಕ್ಷಿಪ್ತ ಹೆಸರು, ವ್ಯಾಪ್ತಿ ಮತ್ತು ಪ್ರಾರಂಭ.-** (1) ಈ ಅಧಿನಿಯಮವನ್ನು ಜಿ.ಎಮ್. ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ, 2022 ಎಂದು ಕರೆಯತಕ್ಕದ್ದು.

(2) ಇದು ಇಡೀ ಕರ್ನಾಟಕ ರಾಜ್ಯಕ್ಕೆ ವ್ಯಾಪ್ತವಾಗುತ್ತದೆ.

(3) ಇದು ರಾಜ್ಯ ಸರ್ಕಾರವು ಸರ್ಕಾರಿ ರಾಜ್ಯಪತ್ರದಲ್ಲಿ ಅಧಿಸೂಚನೆಯ ಮೂಲಕ ಗೊತ್ತುಪಡಿಸಬಹುದಾದಂಥ ದಿನಾಂಕದಂದು ಜಾರಿಗೆ ಬರತಕ್ಕದ್ದು.

**2. ಪರಿಭಾಷೆಗಳು.-** ಈ ಅಧಿನಿಯಮದಲ್ಲಿ, ಸಂದರ್ಭವು ಅನ್ಯಥಾ ಅಗತ್ಯಪಡಿಸಿದ ಹೊರತು,-

(ಎ) ``ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು (ಅಕೆಡೆಮಿಕ್ ಕೌನ್ಸಿಲ್)'' ಎಂದರೆ, 26ನೇ ಪ್ರಕರಣದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಲಾದಂತೆ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು;

(ಬಿ) ``ಕಾರ್ಯಸೂಚಿ ವಿಷಯಗಳು'', ಎಂದರೆ, ಪರಿನಿಯಮಗಳಲ್ಲಿ ಹೆಸರಿಸಬಹುದಾದ ಮತ್ತು ಆಡಳಿತ ಮಂಡಳಿಯ ಸಭೆಯಲ್ಲಿ ಆ ವಿಷಯಗಳನ್ನು ಮತ್ತು ಕಲಾಪಗಳನ್ನು ಅನುಮೋದಿಸಬಹುದೆಂದು ತಮ್ಮ ಸಮ್ಮತಿ ಸೂಚಿಸಿ ಕುಲಾಧಿಪತಿಯವರು ಮುಂಚಿತವಾಗಿಯೇ ಲಿಖಿತ ಅನುಮೋದನೆಯನ್ನು ನೀಡಿರುವುದಕ್ಕೆ ಒಳಪಟ್ಟು ಮಾತ್ರವೇ ಸಂದರ್ಭಾನುಸಾರ ಆಡಳಿತ ಮಂಡಳಿ ಅಥವಾ ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿ ಅಥವಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಸಮಿತಿಗಳು ಅಥವಾ ಇತರ ಪ್ರಾಧಿಕಾರಗಳು ಕಾರ್ಯಸೂಚಿಯಲ್ಲಿ ಸೇರಿಸಬಹುದಾದ ಅಥವಾ ಸಭೆಯಲ್ಲಿ ಚರ್ಚೆಗೆ ತೆಗೆದುಕೊಂಡು ನಿರ್ಣಯವನ್ನು ಕೈಗೊಳ್ಳಬಹುದಾದ ಎಲ್ಲಾ ವಿಷಯಗಳು ಮತ್ತು ಕಾರ್ಯಕಲಾಪಗಳು;

(ಸಿ) ``ಆಡಳಿತ ಮಂಡಳಿ'' ಎಂದರೆ, 24ನೇ ಪ್ರಕರಣದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಿದಂತೆ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತ ಮಂಡಳಿ;

(ಡಿ) ``ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿ'' ಎಂದರೆ 25ನೇ ಪ್ರಕರಣದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಿದಂತೆ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿ;

(ಇ) ``ಕುಲಾಧಿಪತಿ'', ``ಕುಲಪತಿ'', ``ಸಹಕುಲಪತಿ'' ಎಂದರೆ, ಅನುಕ್ರಮವಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು ಸಹಕುಲಪತಿ;

(ಎಫ್) ``ಕ್ಯಾಂಪಸ್'' ಎಂದರೆ, ಅದು ರಾಜ್ಯದೊಳಗೆ ಇರುವ ವಿಶ್ವವಿದ್ಯಾಲಯವು ಸ್ಥಾಪಿಸಿದ, ನಿರ್ವಹಿಸುವ ಒಂದು ಕ್ಯಾಂಪಸ್;

(ಜಿ) ``ಸಮಿತಿಗಳು'' ಎಂದರೆ, ಈ ಅಧಿನಿಯಮದಡಿಯಲ್ಲಿ ರೂಪಿಸಲಾದ ಸಮಿತಿಗಳು ಅಥವಾ ಸಂದರ್ಭಾನುಸಾರವಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವಿವಿಧ ಕಾರ್ಯನಿರ್ವಾಹಕರು ರಚಿಸಿರುವ ಸಮಿತಿಗಳು ಮತ್ತು ಅದರಲ್ಲಿ ನಾಮನಿರ್ದೇಶನ ಸಮಿತಿ, ಹಣಕಾಸು ಸಮಿತಿ ಮತ್ತು ಅಂಥ ಇತರ ಸಮಿತಿಗಳು ಒಳಗೊಳ್ಳುತ್ತವೆ;

(ಎಚ್) ``ಘಟಕ ಕಾಲೇಜು'' ಎಂದರೆ, ವಿಶ್ವವಿದ್ಯಾಲಯವು ಸ್ಥಾಪಿಸಿ ನಿರ್ವಹಿಸುತ್ತಿರುವ ಒಂದು ಕಾಲೇಜು ಅಥವಾ ಸಂಸ್ಥೆ;

(ಐ) ``ಹಣಕಾಸು ಸಮಿತಿ'' ಎಂದರೆ, 28ನೇ ಪ್ರಕರಣದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಿರುವ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಹಣಕಾಸು ಸಮಿತಿ;

(ಜಿ) ``ಸರ್ಕಾರ'' ಎಂದರೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ;

(ಕೆ) ``ರಾಷ್ಟ್ರೀಯ ನಿಯಂತ್ರಕ ಸಂಸ್ಥೆಗಳು'' ಎಂದರೆ, ಉನ್ನತ ಶಿಕ್ಷಣದಲ್ಲಿ ಶೈಕ್ಷಣಿಕ ಗುಣಮಟ್ಟಗಳನ್ನು ಖಾತ್ರಿಪಡಿಸುವ ಮಾನದಂಡಗಳನ್ನು ಮತ್ತು ಪರತ್ತುಗಳನ್ನು ವಿಧಿಸುವುದಕ್ಕಾಗಿ ಕೇಂದ್ರ ಸರ್ಕಾರವು ಸ್ಥಾಪಿಸುವ, ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಮತ್ತು ಅಖಿಲ ಭಾರತ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನಂಥ ಒಂದು ಸಂಸ್ಥೆ ಮತ್ತು ಅದು ಸರ್ಕಾರವನ್ನು ಒಳಗೊಳ್ಳುತ್ತದೆ;

(ಎಲ್) ``ನಿಯಮಿಸಲಾದುದು'' ಎಂದರೆ, ಈ ಅಧಿನಿಯಮದಡಿಯಲ್ಲಿ ಸರ್ಕಾರವು ರಚಿಸಲಾದ ನಿಯಮಗಳ ಮೂಲಕ ನಿಯಮಿಸಲಾದುದು;

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(ಎಂ) ``ಒಂದು ಘಟಕ ಕಾಲೇಜಿನ ಸಂಬಂಧದಲ್ಲಿ ಪ್ರಾಂಶುಪಾಲರು'' ಎಂದರೆ, ಘಟಕ ಕಾಲೇಜಿನ ಮುಖ್ಯಸ್ಥರು, ಮತ್ತು ಪ್ರಾಂಶುಪಾಲರು ಇಲ್ಲದಿದ್ದಲ್ಲಿ ಅಥವಾ ನೇಮಕವಾದ ಪ್ರಾಂಶುಪಾಲರ ಗೈರುಹಾಜರಿಯಲ್ಲಿ, ಉಪಪ್ರಾಂಶುಪಾಲರು ಅಥವಾ ಪ್ರಾಂಶುಪಾಲರಾಗಿ ಕರ್ತವ್ಯ ನಿರ್ವಹಿಸಲು ತಾತ್ಕಾಲಿಕವಾಗಿ ನೇಮಕಗೊಂಡಿರುವ ಅಥವಾ ಯಾರೇ ಇತರ ವ್ಯಕ್ತಿಯೂ ಇದರಲ್ಲಿ ಒಳಗೊಳ್ಳುತ್ತಾರೆ;

(ಎನ್) "ಖಾಸಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯ" ಎಂದರೆ, ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆ ಅರ್ಥಾತ್ ಸಂಘಗಳ ನೋಂದಣಿ ಅಧಿನಿಯಮ, 1860ರಡಿಯಲ್ಲಿ ಅಥವಾ ರಾಜ್ಯದಲ್ಲಿ ತತ್ಕಾಲದಲ್ಲಿ ಜಾರಿಯಲ್ಲಿರುವ ಯಾವುದೇ ಇತರೆ ಸಂವಾದಿ ಕಾನೂನಿನಡಿಯಲ್ಲಿ ನೋಂದಾಯಿತವಾದ ಒಂದು ಸಂಸ್ಥೆಯು ಅಥವಾ ಕಂಪನಿಗಳ ಅಧಿನಿಯಮ, 1956ರ 25ನೇ ಪ್ರಕರಣದಡಿಯಲ್ಲಿ ನೋಂದಾಯಿತವಾದ ಒಂದು ಸಾರ್ವಜನಿಕ ನ್ಯಾಸ ಅಥವಾ ಕಂಪನಿಯು ರಾಜ್ಯ ಅಧಿನಿಯಮದ ಮೂಲಕ ಯುಕ್ತವಾಗಿ ಸ್ಥಾಪಿಸಲಾದ ಒಂದು ವಿಶ್ವವಿದ್ಯಾಲಯ;

(ಒ) ``ಕುಲಸಚಿವರು'' ಎಂದರೆ, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಸಚಿವರು;

(ಪಿ) ``ಪ್ರಾದೇಶಿಕ ಕೇಂದ್ರ'' ಎಂದರೆ, ರಾಜ್ಯದೊಳಗಿನ ಯಾವುದೇ ಪ್ರದೇಶದಲ್ಲಿ ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳ ಕಾರ್ಯವನ್ನು ಸಮನ್ವಯಗೊಳಿಸುವ ಮತ್ತು ಮೇಲ್ವಿಚಾರಣೆ ಮಾಡುವ ಉದ್ದೇಶಕ್ಕಾಗಿ ಮತ್ತು ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಲಿಯು ಅಂಥ ಕೇಂದ್ರಕ್ಕೆ ವಹಿಸಿಕೊಡಬಹುದಾದ ಅಂಥ ಇತರೆ ಪ್ರಕಾರ್ಯಗಳನ್ನು ನಿರ್ವಹಿಸುವುದಕ್ಕಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯವು ಸ್ಥಾಪಿಸಿದ ಅಥವಾ ನಿರ್ವಹಿಸಿಕೊಂಡು ಬರುವ ಒಂದು ಕೇಂದ್ರ;

(ಕ್ಯೂ) ಈ ಅಧಿನಿಯಮಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ "ಪ್ರಾಯೋಜಕ ಪ್ರಾಧಿಕಾರ" ಅಥವಾ "ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆ" ಎಂದರೆ, ಟ್ರಸ್ಟ್;

(ಆರ್) ``ರಾಜ್ಯ'' ಎಂದರೆ, ಕರ್ನಾಟಕ ರಾಜ್ಯ;

(ಎಸ್) "ಪರಿನಿಯಮಗಳು" ಮತ್ತು ``ವಿನಿಯಮಗಳು'' ಎಂದರೆ, ಈ ಅಧಿನಿಯಮದ ಅಡಿಯಲ್ಲಿ ಅನುಕ್ರಮವಾಗಿ ರಚಿಸಿದ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪರಿನಿಯಮಗಳು ಮತ್ತು ವಿನಿಯಮಗಳು;

(ಟಿ) ``ಅಧ್ಯಯನ ಕೇಂದ್ರ'' ಎಂದರೆ, ಶಿಕ್ಷಣದ ಸಂದರ್ಭದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಅಗತ್ಯವಾದ ಸಲಹೆ, ಸಮಾಲೋಚನೆಗಳನ್ನು ನೀಡುವ ಅಥವಾ ಇತರ ಯಾವುದೇ ನೆರವನ್ನು ನೀಡುವ ಉದ್ದೇಶಕ್ಕಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯವು ರಾಜ್ಯದೊಳಗೆ ಸ್ಥಾಪಿಸಿದ ಮತ್ತು ನಿರ್ವಹಿಸಿಕೊಂಡು ಬರುವ ಒಂದು ಕೇಂದ್ರ;

(ಯು) ``ಅಧ್ಯಾಪಕರು'' ಎಂದರೆ, ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಅಥವಾ ಅಖಿಲ ಭಾರತ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನ ವಿನಿಯಮಗಳಿಗನುಸಾರವಾಗಿ ನೇಮಕಗೊಂಡು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಅಥವಾ ಅಖಿಲ ಭಾರತ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನ ಅನ್ವಯವಾಗುವ ವೇತನ ಶ್ರೇಣಿಗನುಸಾರವಾಗಿ ವೇತನವನ್ನು ಪಡೆಯುವ ಒಬ್ಬ ಪ್ರಾಧ್ಯಾಪಕ, ಸಹಪ್ರಾಧ್ಯಾಪಕ, ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ ಅಥವಾ ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ಅಥವಾ ಒಂದು ಘಟಕ ಕಾಲೇಜಿನಲ್ಲಿ ಬೋಧಿಸುವುದಕ್ಕೆ ಅಥವಾ ಸಂಶೋಧನೆ ನಡೆಸುವುದಕ್ಕೆ ಅಥವಾ ಸಂಶೋಧನೆಗೆ ಮಾರ್ಗದರ್ಶನ ನೀಡುವುದಕ್ಕೆ ವಿಶ್ವ ವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಅಥವಾ ಅಖಿಲ ಭಾರತ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನ ನಿಯಮಾವಳಿಗನುಸಾರವಾಗಿ ನೇಮಕಗೊಂಡು, ವಿಶ್ವ ವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಅಥವಾ ಅಖಿಲ ಭಾರತ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನ ನಿಯಮಗಳಿಗನುಸಾರವಾಗಿ ಅನ್ವಯವಾಗಬಹುದಾದ ವೇತನ ಶ್ರೇಣಿಗನುಸಾರವಾಗಿ ವೇತನವನ್ನು ಪಡೆಯುವಂಥ ಇತರ ವ್ಯಕ್ತಿ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗವು ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ನಿಯಮಾವಳಿಗೆ ಅನುಸಾರವಾಗಿ ಘಟಕ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರು ಇದರಲ್ಲಿ ಒಳಗೊಳ್ಳುತ್ತಾರೆ;

(ವಿ) ``ಟ್ರಸ್ಟ್'' ಎಂದರೆ, `` ಶ್ರೀಶೈಲ ಎಜುಕೇಶನಲ್ ಟ್ರಸ್ಟ್ (ರಿ.), ದಾವಣಗೆರೆ'';]

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(ಡಬ್ಲ್ಯೂ) "ವಿಶ್ವವಿದ್ಯಾಲಯ" ಎಂದರೆ "ಜಿ.ಎಮ್ ವಿಶ್ವವಿದ್ಯಾಲಯ";

(ಎಕ್ಸ್) ``ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನಗಳ ಆಯೋಗ'' ಎಂದರೆ, ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನಗಳ ಆಯೋಗ ಅಧಿನಿಯಮ, 1956ರ (1956ರ ಕೇಂದ್ರ ಅಧಿನಿಯಮ 3) 4ನೇ ಪ್ರಕರಣದ ಅಡಿಯಲ್ಲಿ ಸ್ಥಾಪಿತವಾದ ಆಯೋಗ; ಮತ್ತು

(ವೈ) ``ಕುಲಾಧ್ಯಕ್ಷರು'' ಎಂದರೆ, 12ನೇ ಪ್ರಕರಣದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧ್ಯಕ್ಷರು.

## ಅಧ್ಯಾಯ- II

## ವಿಶ್ವವಿದ್ಯಾಲಯ ಮತ್ತು ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆ

**3. ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ಥಾಪನೆಗಾಗಿ ಪ್ರಸ್ತಾವನೆ.-** (1) ಈ ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳಿಗೆ ಒಳಪಟ್ಟು ಮತ್ತು ಅದಕ್ಕನುಸಾರವಾಗಿ ಒಂದು ಏಕಾತ್ಮಕ ಸ್ವರೂಪದ ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಸ್ಥಾಪಿಸುವ ಹಕ್ಕನ್ನು ಟ್ರಸ್ಟ್ ಹೊಂದಿರತಕ್ಕದ್ದು.

(2) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ಥಾಪನೆಗಾಗಿ ಟ್ರಸ್ಟ್ ರಾಜ್ಯ ಸರ್ಕಾರಕ್ಕೆ ಒಂದು ಪ್ರಸ್ತಾವನೆಯನ್ನು ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(3) ಪ್ರಸ್ತಾವನೆಯು ಈ ಮುಂದಿನ ವಿವರಗಳನ್ನು ಒಳಗೊಂಡಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ಟ್ರಸ್ಟಿನ ವಿವರಗಳೊಂದಿಗೆ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಧ್ಯೇಯೋದ್ದೇಶಗಳು;

(ii) ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯಾಪ್ತಿ ಮತ್ತು ಸ್ಥಾನಮಾನ ಹಾಗೂ ಭೂಮಿಯ ಲಭ್ಯತೆ ಮತ್ತು ಟ್ರಸ್ಟಿನ ಹೆಸರಿನಲ್ಲಿರುವ ಭೂಮಿ;

(iii) ಪ್ರಾರಂಭದ ದಿನಾಂಕದ ನಿಕಟೋತ್ತರದ ಐದು ಶೈಕ್ಷಣಿಕ ವರ್ಷಗಳ ಅವಧಿಯಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯವು ಕೈಗೊಳ್ಳಬೇಕೆಂದಿರುವ ಅಧ್ಯಯನ ಮತ್ತು ಸಂಶೋಧನಾ ಕಾರ್ಯಕ್ರಮಗಳ ಸ್ವರೂಪ ಮತ್ತು ವಿಧ;

(iv) ಪ್ರಾರಂಭಿಸಬೇಕೆಂದು ಪ್ರಸ್ತಾಪಿಸಿರುವ ಬೋಧನಾಂಗಗಳು, ವ್ಯಾಸಂಗ ವಿಷಯಗಳು ಮತ್ತು ಸಂಶೋಧನೆಯ ಸ್ವರೂಪ;

(v) ಕಟ್ಟಡಗಳು, ಸಲಕರಣೆಗಳು ಮತ್ತು ರಚನಾತ್ಮಕ ಸೌಕರ್ಯಗಳನ್ನು ಒಳಗೊಂಡಿರುವಂಥ ಕ್ಯಾಂಪಸ್ ಅಭಿವೃದ್ಧಿ;

(vi) ಪ್ರಾರಂಭದ ದಿನಾಂಕದ ನಿಕಟೋತ್ತರದ ಐದು ಶೈಕ್ಷಣಿಕ ವರ್ಷಗಳ ಅವಧಿಗಾಗಿ ಬಂಡವಾಳ ವೆಚ್ಚದ ಹಂತಗಳು;

(vii) ಬಾಬುವಾರು ಆವರ್ತಕ ವೆಚ್ಚ, ಆರ್ಥಿಕ ಮೂಲಗಳು ಮತ್ತು ಪ್ರತಿಯೊಬ್ಬ ವಿದ್ಯಾರ್ಥಿಗೆ ತಗಲುವ ಅಂದಾಜು ವೆಚ್ಚ;

(viii) ಸಂಪನ್ಮೂಲ ಸಂಗ್ರಹಣೆಗಾಗಿ ಯೋಜನೆ ಮತ್ತು ಅದಕ್ಕೆ ಬಂಡವಾಳದಿಂದ ತಗಲುವ ವೆಚ್ಚ ಹಾಗೂ ಪ್ರತಿಯೊಂದು ಮೂಲಕ್ಕೂ ಮರು ಸಂದಾಯ ಮಾಡುವ ರೀತಿ;

(ix) ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಶುಲ್ಕ ವಸೂಲಾತಿ ಮುಖಾಂತರ ಆಂತರಿಕವಾಗಿ ನಿಧಿ ಸೃಜಿಸುವ ಯೋಜನೆ, ಸಲಹಾ ಸೇವೆ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಧ್ಯೇಯೋದ್ದೇಶಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಇತರ ಚಟುವಟಿಕೆಗಳಿಂದ ಬರುವ ನಿರೀಕ್ಷಿತ ವರಮಾನಗಳು ಮತ್ತು ಇತರ ನಿರೀಕ್ಷಿಸಲಾದ ವರಮಾನಗಳು;

(x) ಘಟಕವೊಂದಕ್ಕೆ ತಗಲುವ ವೆಚ್ಚದ ವಿವರಗಳು, ಆರ್ಥಿಕವಾಗಿ ದುರ್ಬಲ ವರ್ಗಗಳಿಗೆ ಸೇರಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗಾಗಿ ಶುಲ್ಕದಲ್ಲಿನ ರಿಯಾಯಿತಿಗಳ ಅಥವಾ ಸೋಡಿಗಳ ಪ್ರಮಾಣ, ಉಚಿತ ಶಿಕ್ಷಣ (ಫ್ರಿಶಿಪ್) ಮತ್ತು ವಿದ್ಯಾರ್ಥಿ ವೇತನದ ವಿವರಗಳನ್ನು ಮತ್ತು ಅನಿವಾಸಿ ಭಾರತೀಯರು ಅಥವಾ ಭಾರತೀಯ ಮೂಲದ ವ್ಯಕ್ತಿಗಳಾಗಿರುವ ಅಥವಾ ಅನಿವಾಸಿ ಭಾರತೀಯರು ಅಥವಾ ಭಾರತೀಯ ಮೂಲದ ವ್ಯಕ್ತಿಗಳು ಪ್ರಾಯೋಜಿಸಿದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಮತ್ತು ಭಾರತವನ್ನು ಹೊರತುಪಡಿಸಿದ ಇತರ ರಾಷ್ಟ್ರಗಳ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ವಿಧಿಸತಕ್ಕ ಶುಲ್ಕದ ದರಗಳು ಬೇರೆ ಬೇರೆ ಇದ್ದಲ್ಲಿ ಅವುಗಳನ್ನು ಸೂಚಿಸುವ ಶುಲ್ಕ ಸ್ವರೂಪದ ವಿವರಗಳು;

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(xi) ಟ್ರಸ್ಟಿನಲ್ಲಿ ಸಂಬಂಧಪಟ್ಟ ವಿದ್ಯಾ ವಿಭಾಗದಲ್ಲಿನ ಅನುಭವ ಮತ್ತು ಪರಿಣಿತಿ ಹಾಗೂ ಆರ್ಥಿಕ ಸಂಪನ್ಮೂಲಗಳು;

(xii) ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿನ ಅಧ್ಯಯನ ಕೋರ್ಸುಗಳಿಗೆ ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ಆಯ್ಕೆ ಮಾಡುವುದಕ್ಕಾಗಿ ಇರುವ ವ್ಯವಸ್ಥೆ; ಮತ್ತು

(xiii) ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಸ್ಥಾಪಿಸುವುದಕ್ಕೆ ಮುಂಚೆ ನೆರವೇರಿಸಬೇಕೆಂದು ಈ ಅಧಿನಿಯಮದಡಿಯಲ್ಲಿ ರಾಜ್ಯ ಸರ್ಕಾರವು ಅಗತ್ಯಪಡಿಸಬಹುದಾದಂಥ ಇತರ ಷರತ್ತುಗಳ ನೆರವೇರಿಕೆಯ ಹಂತ.

(4) ರಾಜ್ಯ ಸರ್ಕಾರವು, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ಥಾಪನೆಗಾಗಿ ಟ್ರಸ್ಟಿನಿಂದ ಸ್ವೀಕರಿಸಿದ ಪ್ರಸ್ತಾವನೆಗಳನ್ನು ಪರಿಶೀಲಿಸಿ ಸರ್ಕಾರಕ್ಕೆ ಶಿಫಾರಸ್ಸುಗಳನ್ನು ಮಾಡುವುದಕ್ಕಾಗಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನ ಪದನಿಮಿತ್ತ ಸದಸ್ಯರಾಗಿರುವ ಮೂವರು ಸದಸ್ಯರನ್ನೊಳಗೊಂಡ ಒಂದು ಶೋಧನಾ ಸಮಿತಿಯನ್ನು ರಚಿಸತಕ್ಕದ್ದು.

**4. ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ಥಾಪನೆ.-** (1) ಸರ್ಕಾರವು ಶೋಧನಾ ಸಮಿತಿಯ ಶಿಫಾರಸ್ಸುಗಳನ್ನು ಪರಿಶೀಲಿಸಿದ ಮತ್ತು ತಾನು ಅವಶ್ಯವೆಂದು ಭಾವಿಸುವಂಥ ವಿಚಾರಣೆಯನ್ನು ನಡೆಸಿದ ತರುವಾಯ,-

(i) ಟ್ರಸ್ಟು ಸಾಕಷ್ಟು ಮೂಲ ಸೌಕರ್ಯದೊಂದಿಗೆ ವಿಶ್ವವಿದ್ಯಾಲಯವೊಂದನ್ನು ನಡೆಸಲು ಸಮರ್ಥವಾಗಿದೆ ಎಂದು;

(ii) ಇಪ್ಪತ್ತು ಎಕರೆ ವಿಸ್ತಾರದ ಭೂಮಿಯ ಏಕೈಕ ಒಡೆತನ ಹೊಂದಿದೆ ಎಂದು;

(iii) ವಿಶ್ವವಿದ್ಯಾಲಯ ಇರುವ ಸ್ಥಳಕ್ಕನುಸಾರವಾಗಿ ಕೆಳಗೆ ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ವಿಸ್ತೀರ್ಣದ ಭೂಮಿಯು ಟ್ರಸ್ಟಿನ ಹೆಸರಿನಲ್ಲಿರತಕ್ಕದ್ದು ಎಂದರೆ,-

(ಎ) ಸಂಪೂರ್ಣ ಪ್ರದೇಶವು ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಹಾಗೂ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪ್ರದೇಶಾಭಿವೃದ್ಧಿ ಪ್ರಾಧಿಕಾರದ ಪರಿಮಿತಿಗಳಲ್ಲಿದ್ದರೆ ಆ ಭೂಮಿಯು ಏಕ ಘಟಕದಲ್ಲಿ ಅಥವಾ (ಸಿಂಗಲ್ ಬ್ಲಾಕ್) ಅಥವಾ ಎರಡು ಘಟಕಗಳಲ್ಲಿರತಕ್ಕದ್ದು;

(ಬಿ) ಮೈಸೂರು, ಮಂಗಳೂರು, ಹುಬ್ಬಳ್ಳಿ-ಧಾರವಾಡ, ಬೆಳಗಾವಿ, ಕಲ್ಬುರ್ಗಿ, ತುಮಕೂರು, ಬಳ್ಳಾರಿ, ಶಿವಮೊಗ್ಗ, ದಾವಣಗೆರೆ ಮತ್ತು ವಿಜಯಪುರ ನಗರ ಪಾಲಿಕೆ ಹಾಗೂ ಸಂಬಂಧಿತ ಯೋಜನಾ ಪ್ರದೇಶಗಳ ಪರಿಮಿತಿಯೊಳಗಿದ್ದರೆ ಅದು ಏಕ ಘಟಕದಲ್ಲಿ ಅಥವಾ (ಸಿಂಗಲ್ ಬ್ಲಾಕ್) ಅಥವಾ ಎರಡು ಘಟಕಗಳಲ್ಲಿರತಕ್ಕದ್ದು;

(ಸಿ) ಖಂಡ-ಎ ಮತ್ತು ಖಂಡ-ಬಿ ನಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ಸ್ಥಳಗಳನ್ನು ಹೊರತುಪಡಿಸಿ ಬೇರೆ ಸ್ಥಳಗಳಲ್ಲಿ ಏಕ ಘಟಕದಲ್ಲಿ ಅಥವಾ (ಸಿಂಗಲ್ ಬ್ಲಾಕ್) ಅಥವಾ ಎರಡು ಘಟಕಗಳಲ್ಲಿರತಕ್ಕದ್ದು;

ಪರಂತು, ವಿಶ್ವವಿದ್ಯಾಲಯವು ಸರ್ಕಾರಿ ಆದೇಶ ಸಂಖ್ಯೆ:ಇಡಿ/449/ಯುಆರ್‌ಸಿ/2016, ದಿನಾಂಕ:24.01.2017ರಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಲಾದ ಎಲ್ಲಾ ಇತರ ಷರತ್ತುಗಳನ್ನು ಪೂರೈಸತಕ್ಕದ್ದು.

(iv) ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ಶಾಸನಬದ್ಧ ನಿಧಿಯನ್ನು ಸೃಜಿಸಲು ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಹಾರಗಳನ್ನು ನಡೆಸಲು ಸಾಕಷ್ಟು ಹಣಕಾಸಿನ ಸಂಪನ್ಮೂಲಗಳನ್ನು ಹೊಂದಿದೆ ಎಂದು; ಮತ್ತು

(v) ಉನ್ನತ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಗಳನ್ನು ನಡೆಸುವಲ್ಲಿ ಅನುಭವ ಅಥವಾ ಪರಿಣಿತಿ ಹೊಂದಿದೆ ಎಂದು,

- ಅದು ಮನಗಂಡಲ್ಲಿ, 3ನೇ ಪ್ರಕರಣದ (3)ನೇ ಉಪಪ್ರಕರಣದಲ್ಲಿ ಅಗತ್ಯಪಡಿಸಲಾದಂತೆ ಒದಗಿಸಿದ ವಿವರಗಳನ್ನಾಧರಿಸಿ, ಸರ್ಕಾರವು 50ನೇ ಪ್ರಕರಣದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಲಾದಂತೆ ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿಯನ್ನು ಸ್ಥಾಪಿಸಬೇಕೆಂದು ಟ್ರಸ್ಟಿಗೆ ನಿರ್ದೇಶನ ನೀಡಬಹುದು;

(2) ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿಯ ಸ್ಥಾಪನೆಯ ತರುವಾಯ, ರಾಜ್ಯ ಸರ್ಕಾರವು, ಸರ್ಕಾರಿ ರಾಜ್ಯಪತ್ರದಲ್ಲಿ ಅಧಿಸೂಚನೆಯ ಮೂಲಕ, "ಜಿ.ಎಮ್. ವಿಶ್ವವಿದ್ಯಾಲಯ" ಎಂಬ ಹೆಸರಿನ ಒಂದು

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ಏಕಾತ್ಮಕ ಸ್ವರೂಪದ ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ರಾಜ್ಯದಲ್ಲಿ ಸ್ಥಾಪಿಸುವುದಕ್ಕೆ ಮಂಜೂರಾತಿಯನ್ನು ನೀಡಬಹುದು.

(3) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕೇಂದ್ರ ಕಾರ್ಯಸ್ಥಾನವು ಕರೂರು ಗ್ರಾಮ, ಕಸಬಾ ಹೋಬಳಿ, ದಾವಣಗೆರೆ ಜಿಲ್ಲೆ- ಇಲ್ಲಿ ಇರತಕ್ಕದ್ದು. ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ಥಾಪನೆಯ ಐದು ವರ್ಷಗಳ ತರುವಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಮತ್ತು ರಾಜ್ಯ ಸರ್ಕಾರದ ಪೂರ್ವಾನುಮತಿಗೆ ಒಳಪಟ್ಟು ಕರ್ನಾಟಕದ ಯಾವುದೇ ಭಾಗದಲ್ಲಿ ತನ್ನ ಕ್ಯಾಂಪಸ್ಸುಗಳನ್ನು ಅಥವಾ ಪ್ರಾದೇಶಿಕ ಕೇಂದ್ರಗಳನ್ನು, ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು.

(4) ಪ್ರಥಮ ಕುಲಾಧಿಪತಿಯವರು, ಪ್ರಥಮ ಕುಲಪತಿಯವರು, ಪ್ರಥಮ ಸಹಕುಲಪತಿಯವರು, ಆಡಳಿತ ಮಂಡಳಿಯ ಪ್ರಥಮ ಸದಸ್ಯರುಗಳು, ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಹಾಗೂ ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತಿನ ಪ್ರಥಮ ಸದಸ್ಯರುಗಳು ಮತ್ತು ಇನ್ನು ಮುಂದೆ, ಅಂಥ ಅಧಿಕಾರಿಗಳು ಅಥವಾ ಸದಸ್ಯರುಗಳಾಗಬಹುದಾದಂಥ ಎಲ್ಲಾ ವ್ಯಕ್ತಿಗಳು, ಅಂಥ ಪದ ಅಥವಾ ಸದಸ್ಯತ್ವವನ್ನು ಹೊಂದಿರುವುದು ಮುಂದುವರೆಯುವವರೆಗೆ, ಒಂದು ನಿಗಮಿತ ನಿಕಾಯವನ್ನು ರಚಿಸತಕ್ಕದ್ದು. ಮತ್ತು ಅದು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಹೆಸರಿನಲ್ಲಿ ದಾವೆ ಹೂಡಬಹುದು ಮತ್ತು ದಾವೆಗೊಳಗಾಗಬಹುದು.

(5) ಉಪಪ್ರಕರಣ (2)ರ ಅಡಿಯಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ಥಾಪನೆಗಾಗಿ ಮಂಜೂರಾತಿ ದೊರೆತ ತರುವಾಯ, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಉದ್ದೇಶಕ್ಕಾಗಿ, ಟ್ರಸ್ಟು ಆರ್ಜಿಸಿದ, ಸೃಜಿಸಿದ, ಏರ್ಪಾಟು ಮಾಡಿಕೊಂಡ ಅಥವಾ ಕಟ್ಟಲ್ಪಟ್ಟ ಭೂಮಿ ಮತ್ತು ಇತರ ಸ್ಥಿರ ಮತ್ತು ಚರ ಸ್ವತ್ತುಗಳು, ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ನಿಹಿತವಾಗತಕ್ಕದ್ದು.

(6) ವಿಶ್ವವಿದ್ಯಾಲಯವು ಹೂಡಿದ ಅಥವಾ ಅದರ ವಿರುದ್ಧ ಹೂಡಲಾದ ಎಲ್ಲಾ ದಾವೆಗಳಲ್ಲಿ ಮತ್ತು ಇತರ ಕಾನೂನು ವ್ಯವಹರಣೆಗಳಲ್ಲಿ ವಾದ ಪತ್ರಗಳಿಗೆ ಕುಲಸಚಿವರು ಸಹಿ ಮಾಡಿ ಸತ್ಯಾಪನೆ ಮಾಡತಕ್ಕದ್ದು ಮತ್ತು ಅಂಥ ದಾವೆಗಳಲ್ಲಿನ ಮತ್ತು ವ್ಯವಹರಣೆಗಳಲ್ಲಿನ ಎಲ್ಲಾ ಆದೇಶಿಕೆಗಳನ್ನು ಕುಲಸಚಿವರಿಗೆ ನೀಡತಕ್ಕದ್ದು ಮತ್ತು ಅವರಿಗೆ ಜಾರಿ ಮಾಡತಕ್ಕದ್ದು.

(7) ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿನ ಭೂಮಿ, ಕಟ್ಟಡ ಮತ್ತು ಇತರ ಸ್ವತ್ತುಗಳನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಉದ್ದೇಶಗಳಿಗೆ ಆನುಷಂಗಿಕವಾಗಿರುವುದನ್ನು ಹೊರತುಪಡಿಸಿ ಇತರ ಯಾವುದೇ ಉದ್ದೇಶಕ್ಕಾಗಿ ಬಳಸತಕ್ಕದ್ದಲ್ಲ.

(8) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ಕಾರ್ಯಕ್ರಮಗಳು, ಬೋಧಕ ವರ್ಗ, ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, ಆರ್ಥಿಕ ಸಾಧ್ಯತೆ ಮುಂತಾದವುಗಳಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯ ಧನ ಸಹಾಯ ಆಯೋಗ ಮತ್ತು ಅಖಿಲ ಭಾರತ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಪರಿಷತ್ತು (AICTE), ಮುಂತಾದವುಗಳಂಥ ಇತರೆ ಸಂಬಂಧಪಟ್ಟ ಶಾಸನಬದ್ಧ ಸಂಸ್ಥೆಗಳು ಕಾಲಕಾಲಕ್ಕೆ ವಿಧಿಸುವಂಥ ಕನಿಷ್ಠ ಮಾನದಂಡಗಳನ್ನು ಪೂರೈಸತಕ್ಕದ್ದು.

(9) ಪ್ರಥಮ ಪದವಿ ಮತ್ತು/ಅಥವಾ ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಅಥವಾ ಡಿಪ್ಲೋಮಾ ಕಾರ್ಯಕ್ರಮಗಳಿಗಾಗಿ ಗೊತ್ತುಪಡಿಸಿದ ಅಧ್ಯಯನ ಕೋರ್ಸುಗಳು, ಅಧ್ಯಯನ ಮಂಡಳಿ, ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತು ಹಾಗೂ ಆಡಳಿತ ಅಥವಾ ಕಾರ್ಯಕಾರಿ ಪರಿಷತ್ತು ಹಾಗೂ ಆಡಳಿತ ಮಂಡಳಿಗಳಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸಂಬಂಧಪಟ್ಟ ನಿಕಾಯಗಳಿಂದ ಔಪಚಾರಿಕವಾಗಿ ಅನುಮೋದಿತವಾಗಿರತಕ್ಕದ್ದು.

(10) ವಿಶ್ವವಿದ್ಯಾಲಯವು ನೀಡುವ ಪದವಿ ಮತ್ತು/ಅಥವಾ ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಅಥವಾ ಡಿಪ್ಲೋಮಾಕ್ಕೆ ಕಾರಣವಾಗುವ ಅಧ್ಯಯನ ಕಾರ್ಯಕ್ರಮಗಳು ಸಂಬಂಧಪಟ್ಟ ವಿನಿಯಮಗಳಿಗೆ ಅನುರೂಪವಾಗಿರತಕ್ಕದ್ದು ಅಥವಾ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಅಥವಾ ಸಂಬಂಧಪಟ್ಟ ಶಾಸನಬದ್ಧ ನಿಕಾಯವು ಕಾಲಕಾಲಕ್ಕೆ ತಿದ್ದುಪಡಿ ಮಾಡಲಾದಂತೆ ಇರತಕ್ಕದ್ದು.

(11) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ಪಠ್ಯಕ್ರಮ ರಚನೆ, ಒಳಾಂಶಗಳು, ಬೋಧನಾ ಮತ್ತು ಕಲಿಕಾ ಪ್ರಕ್ರಿಯೆ, ಪರೀಕ್ಷೆ, ಹಾಗೂ ಮೌಲ್ಯಮಾಪನ ವ್ಯವಸ್ಥೆ ಮತ್ತು ವಿದ್ಯಾರ್ಥಿಗಳ ಪ್ರವೇಶಾತಿಗಾಗಿನ ಅರ್ಹತಾ ಮಾನದಂಡ ಒಳಗೊಂಡಂತೆ ಪ್ರಥಮ ಪದವಿ ಹಾಗೂ ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಅಥವಾ ಡಿಪ್ಲೋಮಾ ಕಾರ್ಯಕ್ರಮ(ಗಳು)ಕ್ಕೆ ಸಂಬಂಧಿಸಿರುವ ಎಲ್ಲಾ ಸೂಕ್ತ ಮಾಹಿತಿಯನ್ನು ಈ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಪ್ರಾರಂಭಿಸುವುದಕ್ಕಿಂತ ಮುಂಚೆ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗವು

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ಗೊತ್ತುಪಡಿಸಿದ ನಮೂನೆಯಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗಕ್ಕೆ ಒದಗಿಸತಕ್ಕದ್ದು ಮತ್ತು ಅದನ್ನು ಕಡ್ಡಾಯ ಪ್ರಕಟಣೆಯಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು ಮತ್ತು ಅದರ ಒಂದು ಪ್ರತಿಯನ್ನು ಸರ್ಕಾರಕ್ಕೂ ಸಹ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(12) ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗವು ತನಗೆ ಒದಗಿಸಿರುವ ಮಾಹಿತಿ ಹಾಗೂ ಪ್ರಸ್ತಾವಿತ ಕಾರ್ಯಕ್ರಮಗಳಲ್ಲಿನ ಕೊರತೆಗಳು ಅಥವಾ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ವಿನಿಯಮಗಳಿಗೆ ಅನುರೂಪವಾಗಿರದಿರುವ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಹಾಗೂ ಸಂಬಂಧಪಟ್ಟ ಸಾರ್ವಜನಿಕರಿಂದ ತಾನು ಸ್ವೀಕರಿಸಿದ ಮನವಿಗಳು ಮತ್ತು ಕುಂದು ಕೊರತೆಗಳನ್ನು ವಿವರವಾಗಿ ಪರಿಶೀಲಿಸಿ ಸಂಬಂಧಪಟ್ಟ ವಿನಿಯಮಗಳ ಅನುರೂಪತೆ ಸಂಬಂಧದಲ್ಲಿನ ಯಾವುದೇ ಕುಂದು ಕೊರತೆಗಳನ್ನು ಸರಿಪಡಿಸುವಂತೆ ಸಂಬಂಧಪಟ್ಟ ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಮಾಹಿತಿ ನೀಡತಕ್ಕದ್ದು. ವಿಶ್ವವಿದ್ಯಾಲಯವು ಅವಶ್ಯಕ ಸರಿಪಡಿಕೆ ಮಾಡಿದ ತರುವಾಯ ಮಾತ್ರವೇ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಒದಗಿಸತಕ್ಕದ್ದು. ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ಅಂಥ ವರದಿಗಳ ಬಗ್ಗೆ ಸರ್ಕಾರಕ್ಕೆ ಕೂಡಲೇ ಮಾಹಿತಿ ನೀಡತಕ್ಕದ್ದು ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗವು ಶಿಫಾರಸ್ಸು ಮಾಡಿದಂಥ ಸರಿಪಡಿಕೆಗಳ ಬಗ್ಗೆ ಕ್ರಮ ಕೈಗೊಂಡ ಬಗೆಗಿನ ವರದಿಯ ಬಗ್ಗೆಯೂ ಸಹ ಸರ್ಕಾರಕ್ಕೆ ಮಾಹಿತಿ ನೀಡತಕ್ಕದ್ದು.

(13) ಪ್ರವೇಶ ಪ್ರಕ್ರಿಯ ಹಾಗೂ ಶುಲ್ಕ ನಿಗದಿಯು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಹಾಗೂ ಇತರ ಸಂಬಂಧಪಟ್ಟ ಶಾಸನಬದ್ಧ ನಿಕಾಯಗಳು ಮತ್ತು ರಾಜ್ಯ ಸರ್ಕಾರವು ಗೊತ್ತುಪಡಿಸಿದ ಮಾನದಂಡಗಳಿಗೆ/ಮಾರ್ಗಸೂಚಿಗಳಿಗೆ ಅನುಸಾರವಾಗಿರತಕ್ಕದ್ದು. ವಿಶ್ವವಿದ್ಯಾಲಯವು ಪ್ರತಿ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಮಂಜೂರಾದ ಸೀಟುಗಳ ಸಂಖ್ಯೆ, ಪ್ರವೇಶಾತಿ ಹಾಗೂ ವಿವರವಾದ ಶುಲ್ಕ ಸ್ವರೂಪವನ್ನು ಕಡ್ಡಾಯ ಪ್ರಕಟಣೆಯ ಭಾಗವಾಗಿ ಎಲ್ಲಾ ಹಿತಾಸಕ್ತಿದಾರರ ಮಾಹಿತಿಗಾಗಿ ತನ್ನ ವೆಬ್ ಸೈಟ್‌ನಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು.

(14) ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಮತ್ತು ಸರ್ಕಾರವು ವಿಶ್ವವಿದ್ಯಾಲಯ ಹಾಗೂ ಅದರ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ನೀಡುವ ಕ್ಯಾಂಪಸ್ ಹೊರಗಿನ ಕೇಂದ್ರಗಳು, ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳು, ಸಾಗರೋತ್ತರ ಕ್ಯಾಂಪಸ್ ಮುಂತಾದವುಗಳನ್ನು ನಿಯತಕಾಲಿಕವಾಗಿ ಪರಿಶೀಲಿಸುವಂತೆ ಮಾಡಬಹುದು. ಈ ಉದ್ದೇಶಕ್ಕಾಗಿ, ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಮತ್ತು ಸರ್ಕಾರವು ಕಾಲಕಾಲಕ್ಕೆ ತಿದ್ದುಪಡಿಯಾದಂತೆ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ (ವಿಶ್ವವಿದ್ಯಾಲಯಗಳಿಂದ ಮಾಹಿತಿಯನ್ನು ಪಡೆಯುವಿಕೆ) ನಿಯಮಗಳು, 1979ರಲ್ಲಿ ಉಪಬಂಧಿಸಲಾದಂತೆ ವಿಶ್ವವಿದ್ಯಾಲಯದಿಂದ ಸಂಬಂಧಪಟ್ಟ ಎಲ್ಲಾ ಮಾಹಿತಿಯನ್ನು ಕೋರಬಹುದು.

(15) ಪ್ರಥಮ ಪದವಿ ಮತ್ತು/ಅಥವಾ ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಅಥವಾ ಡಿಪ್ಲೋಮಾ ಕೋರ್ಸುಗಳನ್ನು ನಡೆಸುವ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪರಿಶೀಲನೆ ಹಾಗೂ ಮೌಲ್ಯಾಂಕನ ಮಾಡಿದ ತರುವಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗವು ಯಾವುದೇ ನ್ಯೂನ್ಯತೆ ಹಾಗೂ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ವಿನಿಯಮಗಳಿಗೆ ಅನುಗುಣವಾಗಿಲ್ಲದೇ ಇರುವುದನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ತಿಳಿಸಬಹುದು ಮತ್ತು ಅದನ್ನು ಸರಿಪಡಿಸುವುದಕ್ಕಾಗಿ ಅದಕ್ಕೆ ಯುಕ್ತ ಅವಕಾಶವನ್ನು ನೀಡಬಹುದು. ಖಾಸಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯವು ಹಾಗೆ ಅವಕಾಶ ಪಡೆದ ತರುವಾಯವೂ ಸಹ ವಿನಿಯಮಗಳ ಯಾವುವೇ ಉಪಬಂಧಗಳನ್ನು ಪಾಲಿಸಲು ವಿಫಲವಾಗಿದೆ ಎಂದು ಮನಗಂಡಲ್ಲಿ, ಖಾಸಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯವು ಅಂಥ ನ್ಯೂನ್ಯತೆಯನ್ನು ಸರಿಪಡಿಸುವವರೆಗೆ ಸಂದರ್ಭಾನುಸಾರ, ಪ್ರಥಮ ಪದವಿ ಮತ್ತು/ಅಥವಾ ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಅಥವಾ ಡಿಪ್ಲೋಮಾ ನೀಡುವುದಕ್ಕಾಗಿ ಯಾವುದೇ ಕೋರ್ಸ್‌ನ್ನು ನಡೆಸುವುದನ್ನು ನಿಷೇಧಿಸಿ ಆಯೋಗವು ಆದೇಶ ಹೊರಡಿಸಬಹುದು. ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗವು ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ನೀಡಿರುವ ನಿರ್ದೇಶನಗಳ ಬಗೆಗಿನ ಮಾಹಿತಿಯನ್ನು ಅದು ಹದಿನೈದು ದಿನಗಳೊಳಗೆ ಸರ್ಕಾರಕ್ಕೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(16) ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದಿಂದ ನಿರ್ದಿಷ್ಟಪಡಿಸದಿರುವ ಪ್ರಥಮ ಪದವಿ ಮತ್ತು/ಅಥವಾ ಸ್ನಾತಕೋತ್ತರ ಪದವಿ ಅಥವಾ ಡಿಪ್ಲೋಮಾ ನೀಡುತ್ತಿರುವ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಹಾಗೂ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪೂರ್ವಾನುಮೋದನೆ ಪಡೆಯದ ಸಂಸ್ಥೆಯ ವಿರುದ್ಧವೂ ಸಹ ಆ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗವು ಅವಶ್ಯಕ ಕ್ರಮ ಕೈಗೊಳ್ಳಬಹುದು ಮತ್ತು ಸಾರ್ವಜನಿಕ

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ಅಧಿಸೂಚನೆಯ ಮೂಲಕ ಸಾರ್ವಜನಿಕರಿಗೆ ಮಾಹಿತಿ ನೀಡಬಹುದು. ಅಂಥ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಮುಂದುವರೆಸಿರುವ ಹಾಗೂ ನಿರ್ದಿಷ್ಟಪಡಿಸದಿರುವ ಪದವಿಗಳನ್ನು ನೀಡುತ್ತಿರುವ ವಿಶ್ವವಿದ್ಯಾಲಯವು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಅಧಿನಿಯಮ, 1956 (1956ರ ಕೇಂದ್ರ ಅಧಿನಿಯಮ 3)ರ 24ನೇ ಪ್ರಕರಣದಡಿಯಲ್ಲಿ ದಂಡನೆಗೆ ಗುರಿಯಾಗತಕ್ಕದ್ದು.

**5. ಅನುದಾನಗಳು ಮತ್ತು ಹಣಕಾಸು ನೆರವು.-** ವಿಶ್ವವಿದ್ಯಾಲಯವು ಹಣಕಾಸಿನ ವಿಷಯದಲ್ಲಿ ಸ್ವಾವಲಂಬಿಯಾಗಿರತಕ್ಕದ್ದು ಮತ್ತು ರಾಜ್ಯದಿಂದ ಅಥವಾ ರಾಜ್ಯದ ಒಡೆತನದಲ್ಲಿರುವ ಅಥವಾ ನಿಯಂತ್ರಣದಲ್ಲಿರುವ ಯಾವುದೇ ಇತರ ಸಂಸ್ಥೆ ಅಥವಾ ನಿಗಮದಿಂದ ಯಾವುದೇ ನಿರ್ವಹಣಾ ಸಹಾಯ ಅನುದಾನ ಅಥವಾ ಯಾವುದೇ ಇತರೆ ಹಣಕಾಸು ನೆರವನ್ನು ಕೋರತಕ್ಕದ್ದಲ್ಲ ಅಥವಾ ಅದನ್ನು ಪಡೆಯಲು ಹಕ್ಕನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದಲ್ಲ:

**6. ಘಟಕ ಕಾಲೇಜು, ಹೆಚ್ಚುವರಿ ಕ್ಯಾಂಪಸ್‌ಗಳು, ಪ್ರಾದೇಶಿಕ ಕೇಂದ್ರಗಳು ಅಥವಾ ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳನ್ನು ಸ್ಥಾಪಿಸುವ ಅಧಿಕಾರ.-** ವಿಶ್ವವಿದ್ಯಾಲಯವು ಸ್ಥಾಪನೆಯಾದ ಐದು ವರ್ಷಗಳನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ನಂತರ, ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ಮತ್ತು ಆನಂತರ ರಾಜ್ಯ ಸರ್ಕಾರದ ಪೂರ್ವಾನುಮೋದನೆ ಪಡೆದು ಹಾಗೂ ಪೂರ್ವ ಅನುಮತಿಗೊಳಪಟ್ಟು ವಿಶ್ವವಿದ್ಯಾಲಯವು, ರಾಜ್ಯದಲ್ಲಿ ತನಗೆ ಸೂಕ್ತವೆನಿಸುವಂಥ ಸ್ಥಳಗಳಲ್ಲಿ ಘಟಕ ಕಾಲೇಜುಗಳು, ಹೆಚ್ಚುವರಿ ಕ್ಯಾಂಪಸ್‌ಗಳು, ಪ್ರಾದೇಶಿಕ ಕೇಂದ್ರಗಳು ಮತ್ತು ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳನ್ನು ಹೊಂದಿರಬಹುದು.

**7. ವಿಶ್ವವಿದ್ಯಾಲಯದ ಧ್ಯೇಯೋದ್ದೇಶಗಳು.-** ವಿಶ್ವವಿದ್ಯಾಲಯವು, ತನ್ನ ದೂರದೃಷ್ಟಿ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ಧ್ಯೇಯೋದ್ದೇಶಗಳನ್ನು ಈಡೇರಿಸಲು ಈ ಮುಂದಿನಂತೆ ವಿವರವಾದ ಕಾರ್ಯತಂತ್ರಗಳನ್ನು ರೂಪಿಸಬಹುದು:-

(i) ಮೂಲ (Pure) ವಿಜ್ಞಾನಗಳು, ಇಂಜಿನಿಯರಿಂಗ್ ಎಲ್ಲಾ ವಿಭಾಗಗಳು, ಕಲೆ, ವ್ಯವಸ್ಥಾಪನೆ, ವಾಣಿಜ್ಯ, ಸಮಾಜವಿಜ್ಞಾನ ಹಾಗೂ ಮಾನವಿಕ ವಿಷಯಗಳಂಥ ಕ್ಷೇತ್ರದಲ್ಲಿ, ಇತರ ಸಂಬಂಧಿತ ಅಭಿವೃದ್ಧಿ ಕ್ಷೇತ್ರಗಳನ್ನು ಒಳಗೊಂಡಂತೆ, ವಿವಿಧ ಅಧ್ಯಯನ ವಿಭಾಗಗಳಲ್ಲಿ ಶಿಕ್ಷಣ, ಬೋಧನೆ, ತರಬೇತಿ, ಸಂಶೋಧನೆ, ಸಮಾಲೋಚನೆ ಮತ್ತು ಅಭಿವೃದ್ಧಿಯನ್ನು ಕಲ್ಪಿಸುವುದು ಹಾಗೂ ಈ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಸಂಶೋಧನೆ, ಪ್ರಗತಿ ಮತ್ತು ಜ್ಞಾನ ಪ್ರಸಾರಕ್ಕೆ ಉಪಬಂಧಗಳನ್ನು ಕಲ್ಪಿಸುವುದು;

(ii) ಉನ್ನತ ಮತ್ತು ವೃತ್ತಿ ಶಿಕ್ಷಣದಲ್ಲಿ ಬೋಧಕರಿಗಾಗಿ, ಆಡಳಿತಗಾರರಿಗಾಗಿ ಹಾಗೂ ಸರ್ಕಾರಿ, ಸಾರ್ವಜನಿಕ ಮತ್ತು ಖಾಸಗಿ ವಲಯದಲ್ಲಿ ಕೆಲಸ ಮಾಡುವ ವೃತ್ತಿನಿರತರಿಗಾಗಿ ಮತ್ತು ಇತರ ವ್ಯವಸ್ಥೆಗಳಲ್ಲಿನ ಅಭಿವೃದ್ಧಿ ವೃತ್ತಿ ನಿರತರಿಗಾಗಿ ಉನ್ನತ ಗುಣಮಟ್ಟದ ತರಬೇತಿ, ಸಾಮರ್ಥ್ಯ ವೃದ್ಧಿ ಹಾಗೂ ಬೆಳವಣಿಗೆ ವ್ಯವಸ್ಥೆಗಳನ್ನು ವಿನ್ಯಾಸಗೊಳಿಸುವುದು ಮತ್ತು ಒದಗಿಸುವುದು;

(iii) ಗುಣಮಟ್ಟದ ಶಿಕ್ಷಣಕ್ಕೆ ಕೊಡುಗೆಯನ್ನು ನೀಡಲು ಸಂಪನ್ಮೂಲ ಕೇಂದ್ರಗಳನ್ನು ಅಭಿವೃದ್ಧಿಪಡಿಸುವುದು;

(iv) ಕ್ಯಾಂಪಸ್‌ಗಳನ್ನು ಸ್ಥಾಪಿಸುವುದು ಮತ್ತು ಐದು ವರ್ಷಗಳ ಅವಧಿಯ ತರುವಾಯ ಕರ್ನಾಟಕದ ವಿವಿಧ ಸ್ಥಳಗಳಲ್ಲಿ ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳು, ಘಟಕ ಕಾಲೇಜುಗಳು ಮತ್ತು ಪ್ರಾದೇಶಿಕ ಕೇಂದ್ರಗಳನ್ನು ಹೊಂದುವುದು ಹಾಗೂ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ಮತ್ತು ಆನಂತರ ರಾಜ್ಯ ಸರ್ಕಾರದ ಪೂರ್ವಾನುಮತಿಗೆ ಒಳಪಟ್ಟು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನಗಳ ಆಯೋಗದ ನಿಯಮಾವಳಿಗಳಿಗೆ ಅನುಸಾರವಾಗಿ ತಾಂತ್ರಿಕ ಮತ್ತು ವೃತ್ತಿ ಶಿಕ್ಷಣ ಹಾಗೂ ಸಾಮಾಜಿಕ ಮತ್ತು ಮಾನವ ಅಭಿವೃದ್ಧಿಗಳಲ್ಲಿ ಶೈಕ್ಷಣಿಕ ಬದಲಾವಣೆಗಾಗಿ ಕೊಡುಗೆ ನೀಡುವುದು ಮತ್ತು ಅದರ ಅರ್ಥೈಸುವಿಕೆಯನ್ನು ಅಭಿವೃದ್ಧಿಗೊಳಿಸುವುದು;

(v) ಮೌಲ್ಯಮಾಪನದ ವಿವಿಧ ವಿಧಾನಗಳ ಮೂಲಕ ಮಾಡಿದ ಮೌಲ್ಯಮಾಪನಕ್ಕೆ ಅನುಸಾರವಾಗಿ ಶಿಕ್ಷಣವನ್ನು ಯಶಸ್ವಿಯಾಗಿ ಪೂರ್ಣಗೊಳಿಸಿದ ಆಧಾರದ ಮೇಲೆ ಪದವಿಗಳನ್ನು, ಡಿಪ್ಲೊಮಾಗಳನ್ನು, ಪ್ರಮಾಣಪತ್ರಗಳನ್ನು ಮತ್ತು ಇತರ ಶೈಕ್ಷಣಿಕ ಗೌರವಗಳನ್ನು ಸ್ಥಾಪಿಸುವುದು;

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(vi) ವಿದ್ಯಾರ್ಥಿ ಗಳಿಗೆ, ಬೋಧಕ ವೃಂದದ ಸದಸ್ಯರಿಗೆ ಮತ್ತು ಇತರರಿಗೆ ನಿರ್ದಿಷ್ಟ ಶೈಕ್ಷಣಿಕ ಮತ್ತು ಸಂಶೋಧನಾ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು, ತರಬೇತಿ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಮತ್ತು ವಿನಿಮಯ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಪರಿಕಲ್ಪಿಸಲು, ವಿನ್ಯಾಸಗೊಳಿಸಲು, ಅಭಿವೃದ್ಧಿಪಡಿಸಲು ಇತರ ಯಾವುದೇ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು, ಸಂಶೋಧನಾ ಸಂಸ್ಥೆಗಳು, ಲಾಭರಹಿತ ಸಂಸ್ಥೆಗಳು, ಕೈಗಾರಿಕಾ ಸಂಸ್ಥೆಗಳು, ವೃತ್ತಿಪರ ಸಂಸ್ಥೆಗಳು, ಸಂಘಗಳು ಅಥವಾ ಇತರ ಸಂಸ್ಥೆಗಳೊಂದಿಗೆ ಸಹಯೋಗವನ್ನು ಹೊಂದುವುದು;

(vii) ಉಪನ್ಯಾಸ ಮಾಲಿಕೆಗಳು, ವಿಚಾರ ಸಂಕೀರ್ಣಗಳು, ಸಮ್ಮೇಳನಗಳು, ಕಾರ್ಯಾಂಗ ಶಿಕ್ಷಣ ಕಾರ್ಯಕ್ರಮಗಳು, ಸಮುದಾಯ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಕ್ರಮಗಳು, ಪ್ರಕಟಣೆಗಳು ಮತ್ತು ತರಬೇತಿ ಕಾರ್ಯಕ್ರಮಗಳು ಮತ್ತು ವಿಶೇಷ ಕಾರ್ಯಕ್ರಮಗಳ ಮೂಲಕ ಜ್ಞಾನ ಪ್ರಸಾರ ಮಾಡುವುದು ಮತ್ತು ಶಿಕ್ಷಣ ಮತ್ತು ತತ್ಸಂಬಂಧಿತ ಅಭಿವೃದ್ಧಿ ಕ್ಷೇತ್ರಗಳ ವಿಷಯಗಳ ಬಗ್ಗೆ ಸಾರ್ವಜನಿಕ ಚರ್ಚೆಯನ್ನು ಏರ್ಪಡಿಸುವುದು;

(viii) ರಾಜ್ಯ ಸರ್ಕಾರದ ಪೂರ್ವ ಅನುಮೋದನೆಯೊಂದಿಗೆ, ಉತ್ತಮ ಗುಣಮಟ್ಟದ ಇತರ ಯಾವುವೇ ಸಂಸ್ಥೆಗಳ ಸಹಭಾಗಿತ್ವದೊಂದಿಗೆ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಬೋಧಕ ವೃಂದದ ಮತ್ತು ಸಂಶೋಧಕರ ಅಭಿವೃದ್ಧಿ ಮತ್ತು ತರಬೇತಿಗಾಗಿ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕೈಗೊಳ್ಳುವುದು;

(ix) ರಾಜ್ಯ ಸರ್ಕಾರದ ಪೂರ್ವ ಅನುಮೋದನೆಯೊಡನೆ, ಯಾವುವೇ ಸಂಸ್ಥೆಗಳೊಂದಿಗೆ ಸಹಯೋಗಾತ್ಮಕ ಸಂಶೋಧನೆ ಮತ್ತು ಸಂವಾದವನ್ನು ಕೈಗೊಳ್ಳುವುದು;

(x) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಧ್ಯೇಯೋದ್ದೇಶಗಳನ್ನು ಮುಂದುವರಿಸುವುದಕ್ಕಾಗಿ ಮತ್ತು ಉತ್ತೇಜಿಸುವುದಕ್ಕಾಗಿ ಅವಶ್ಯಕವಾದ ಮತ್ತು ಯುಕ್ತವಾದ ಕ್ರಮಗಳನ್ನು ಕೈಗೊಳ್ಳುವುದು;

(xi) ಶಿಕ್ಷಣ ಮತ್ತು ಇತರ ಅಭಿವೃದ್ಧಿ ವಲಯಗಳನ್ನು ವಿಸ್ತರಿಸುವುದಕ್ಕಾಗಿ ಸರ್ಕಾರವು ಅನುಮೋದಿಸಬಹುದಾದಂತೆ ಯಾವುವೇ ಧ್ಯೇಯೋದ್ದೇಶಗಳನ್ನು ಮುಂದುವರಿಸುವುದು.

**8. ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರಗಳು.-** ವಿಶ್ವವಿದ್ಯಾಲಯವು ಈ ಕೆಳಕಂಡ ಅಧಿಕಾರಗಳನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ಮತ್ತು ಆನಂತರ ರಾಜ್ಯ ಸರ್ಕಾರದ ಪೂರ್ವ ಅನುಮತಿಗೊಳಪಟ್ಟು, ಪರಿನಿಯಮಗಳಲ್ಲಿ ಹೇಳಲಾದ ರೀತಿಯಲ್ಲಿ ಕಾಲಕಾಲಕ್ಕೆ ವಿಶ್ವವಿದ್ಯಾಲಯವು ನಿರ್ಧರಿಸಬಹುದಾದಂತೆ, ಕರ್ನಾಟಕದಲ್ಲಿ ಕ್ಯಾಂಪಸ್ಸುಗಳು, ಪ್ರಾದೇಶಿಕ ಕೇಂದ್ರಗಳು ಮತ್ತು ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳನ್ನು ಸ್ಥಾಪಿಸುವುದು ಮತ್ತು ನಿರ್ವಹಿಸುವುದು;

(ii) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಉದ್ದೇಶವನ್ನು ಕಾರ್ಯರೂಪಕ್ಕೆ ತರುವಲ್ಲಿ ಅಗತ್ಯವಾಗಬಹುದಾದ ಅಥವಾ ಕಾರ್ಯಸಾಧ್ಯವಾಗಬಹುದಾದಂಥ ಎಲ್ಲಾ ಇತರ ಕಾರ್ಯ ಚಟುವಟಿಕೆಗಳನ್ನು ಕೈಗೊಳ್ಳುವುದು;

(iii) ಪರಿನಿಯಮಗಳಲ್ಲಿ ಹೇಳಲಾದ ರೀತಿಯಲ್ಲಿ ಮತ್ತು ಷರತ್ತುಗಳ ಅಡಿಯಲ್ಲಿ ಪದವಿಗಳು ಅಥವಾ ಇತರ ಶೈಕ್ಷಣಿಕ ಗೌರವಗಳನ್ನು ಪ್ರದಾನ ಮಾಡುವುದು;

(iv) ಪರಿನಿಯಮಗಳನ್ವಯ ಸಂಶೋಧನಾ ವೇತನಗಳು (ಫೆಲೋಶಿಪ್‌ಗಳು), ವಿದ್ಯಾರ್ಥಿ ವೇತನಗಳು ಮತ್ತು ಬಹುಮಾನಗಳು, ಅವಾರ್ಡುಗಳು, ಪಾರಿತೋಷಕಗಳು ಇತ್ಯಾದಿಗಳನ್ನು ಸ್ಥಾಪಿಸುವುದು ಮತ್ತು ನೀಡುವುದು;

(v) ಅಧಿನಿಯಮ, ಪರಿನಿಯಮಗಳು ಅಥವಾ ನಿಯಮಗಳಲ್ಲಿ ನಿಗದಿಪಡಿಸಬಹುದಾದಂಥ ಶುಲ್ಕಗಳು, ಬಿಲ್ಲುಗಳು, ಖರೀದಿ ಪಟ್ಟಿಗಳನ್ನು ಕೇಳಿಪಡೆದುಕೊಳ್ಳುವುದು ಹಾಗೂ ಚಾರ್ಜುಗಳನ್ನು ಸಂಗ್ರಹಿಸುವುದು;

(vi) ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಮತ್ತು ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಪಠ್ಯೇತರ ಚಟುವಟಿಕೆಗಳಿಗೆ ಅವಕಾಶಗಳನ್ನು ಕಲ್ಪಿಸುವುದು;

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(vii) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಥವಾ ಘಟಕ ಕಾಲೇಜಿನ, ಕ್ಯಾಂಪಸ್ಸುಗಳ, ಪ್ರಾದೇಶಿಕ ಕೇಂದ್ರಗಳ, ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳ ಬೋಧಕ ವರ್ಗ, ಅಧಿಕಾರಿಗಳು ಮತ್ತು ಸಿಬ್ಬಂದಿಗಳನ್ನು ನೇಮಕ ಮಾಡಿಕೊಳ್ಳುವುದು;

(viii) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಥವಾ ಒಂದು ಘಟಕ ಕಾಲೇಜಿನ ಅಥವಾ ಕ್ಯಾಂಪಸ್ಸಿನ, ಪ್ರಾದೇಶಿಕ ಕೇಂದ್ರಗಳ ಮತ್ತು ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳ ಉದ್ದೇಶಕ್ಕಾಗಿ, ತತ್ಕಾಲದಲ್ಲಿ ಜಾರಿಯಲ್ಲಿರುವ ಯಾವುದೇ ಕಾನೂನಿನ ಮೂಲಕ ನಿಷೇಧಿಸದಿರುವ, ಯಾವುದೇ ಬಗೆಯ ಸ್ವಯಂ ದೇಣಿಗೆಗಳು ಮತ್ತು ಕೊಡುಗೆಗಳನ್ನು ಸ್ವೀಕರಿಸುವುದು ಮತ್ತು ಟ್ರಸ್ಟ್ ಮತ್ತು ದತ್ತಿ ಸ್ವತ್ತುಗಳೂ ಸೇರಿದಂತೆ, ಯಾವುದೇ ಚರ ಅಥವಾ ಸ್ಥಿರ ಸ್ವತ್ತನ್ನು ಆರ್ಜಿಸುವುದು, ಹೊಂದಿರುವುದು, ನಿರ್ವಹಿಸುವುದು, ನಡೆಸುವುದು ಮತ್ತು ವಿಲೇ ಮಾಡುವುದು;

(ix) ವಿದ್ಯಾರ್ಥಿ ನಿಲಯಗಳನ್ನು ಸ್ಥಾಪಿಸುವುದು ಮತ್ತು ನಿರ್ವಹಿಸಿಕೊಂಡು ಬರುವುದು ಹಾಗೂ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಥವಾ ಘಟಕ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ವಸತಿ ಸ್ಥಳಗಳಾಗಿ ಮಾನ್ಯತೆ ನೀಡುವುದು;

(x) ವಿದ್ಯಾರ್ಥಿಗಳು ಮತ್ತು ಎಲ್ಲಾ ಪ್ರವರ್ಗದ ಸಿಬ್ಬಂದಿಗಳ ವಸತಿಯ ಮೇಲ್ವಿಚಾರಣೆ ಮಾಡುವುದು ಮತ್ತು ನಿಯಂತ್ರಣ ಮಾಡುವುದು ಹಾಗೂ ಶಿಸ್ತು ನಿಯಂತ್ರಣ ಮಾಡುವುದು ಮತ್ತು ವಿದ್ಯಾರ್ಥಿಗಳು ಮತ್ತು ಸಿಬ್ಬಂದಿಗಳಿಗೆ ನಡತೆ ಸಂಹಿತೆಯನ್ನು ರೂಪಿಸುವುದೂ ಒಳಗೊಂಡಂತೆ, ಅಂಥ ಸಿಬ್ಬಂದಿಗಳ ಸೇವಾಷರತ್ತುಗಳನ್ನು ಗೊತ್ತುಪಡಿಸುವುದು;

(xi) ಶೈಕ್ಷಣಿಕ, ಆಡಳಿತಾತ್ಮಕ ಮತ್ತು ಪೂರಕ ಸಿಬ್ಬಂದಿಯ ಹುದ್ದೆಗಳನ್ನು ಮತ್ತು ಇತರ ಅವಶ್ಯಕ ಹುದ್ದೆಗಳನ್ನು ಸೃಜಿಸುವುದು;

(xii) ವಿಶ್ವವಿದ್ಯಾಲಯವು ಕಾಲಕಾಲಕ್ಕೆ ನಿರ್ಧರಿಸಬಹುದಾದಂಥ ರೀತಿಯಲ್ಲಿ ಮತ್ತು ಅಂಥ ಉದ್ದೇಶಗಳಿಗಾಗಿ ಇತರ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳೊಡನೆ ಸಹಕರಿಸುವುದು ಮತ್ತು ಸಹಯೋಗ ಹೊಂದುವುದು;

(xiii) ಶಿಕ್ಷಕರಿಗೆ, ಪಾಠಗಳನ್ನು ರಚಿಸುವವರಿಗೆ, ಮೌಲ್ಯಮಾಪಕರಿಗೆ ಮತ್ತಿತರ ಶೈಕ್ಷಣಿಕ ಸಿಬ್ಬಂದಿಗೆ ಪುನರ್ಮನನ ಕೋರ್ಸುಗಳು, ಅಭಿಮುಖ ವ್ಯಾಸಂಗ ಕ್ರಮಗಳು, ಕಾರ್ಯಾಗಾರಗಳು, ವಿಚಾರಗೋಷ್ಠಿಗಳು ಮತ್ತಿತರ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಏರ್ಪಡಿಸುವುದು ಮತ್ತು ನಡೆಸುವುದು;

(xiv) ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತಿನ ಅನುಮೋದನೆಯೊಂದಿಗೆ ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಅಥವಾ ಘಟಕ ಕಾಲೇಜಿಗೆ, ಪ್ರಾದೇಶಿಕ ಕೇಂದ್ರಗಳಿಗೆ, ಅಧ್ಯಯನ ಕೇಂದ್ರಗಳಿಗೆ ಪ್ರವೇಶವನ್ನು ನೀಡುವುದಕ್ಕೆ ಮತ್ತು ಈ ಅಧಿನಿಯಮದಲ್ಲಿ ಉಪಬಂಧಿಸಲಾದ ಪ್ರಮಾಣಕ್ಕಿಂತ ಕಡಿಮೆಯಿಲ್ಲದಂತೆ ಕರ್ನಾಟಕದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಪ್ರವೇಶವನ್ನು ನೀಡುವುದಕ್ಕೆ ಮಾನಕ ಗುಣಮಟ್ಟಗಳನ್ನು ನಿರ್ಧರಿಸುವುದು;

(xv) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಧ್ಯೇಯೋದ್ದೇಶಗಳನ್ನು ಕಾರ್ಯರೂಪಕ್ಕೆ ತರಲು ಅವಶ್ಯವಾಗಬಹುದಾದಂಥ ಇತರ ಎಲ್ಲಾ ಕ್ರಮಗಳು ಅಥವಾ ಕಾರ್ಯಗಳ ಮೇಲೆ ಹೇಳಿದ ಅಧಿಕಾರಗಳಿಗೆ ಪ್ರಾಸಂಗಿಕವಾಗಿರಲಿ ಅಥವಾ ಇಲ್ಲದಿರಲಿ, ಅವುಗಳನ್ನು ಕೈಗೊಳ್ಳುವುದು;

(xvi) ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗವು ಮತ್ತು ಆನಂತರ ರಾಜ್ಯ ಸರ್ಕಾರವು ಅನುಮೋದಿಸಿದ ನಿಯತ ಅಥವಾ ಆನ್‌ಲೈನ್ ಪರೀಕ್ಷೆಗಳ ಅಥವಾ ಆನ್‌ಲೈನ್ ಮೌಲ್ಯಮಾಪನದ ಅಥವಾ ಯಾವುದೇ ಇತರೆ ಮೌಲ್ಯಮಾಪನ ವಿಧಾನದ ಆಧಾರದ ಮೇಲೆ ಪದವಿಗಳು, ಡಿಪ್ಲೊಮಾಗಳು, ಪ್ರಮಾಣಪತ್ರಗಳು ಮತ್ತು ಇತರ ಶೈಕ್ಷಣಿಕ ಗೌರವಗಳನ್ನು ರಾಜ್ಯ ಸರ್ಕಾರದ ಮತ್ತು ಸಂಬಂಧಪಟ್ಟ ಇತರ ಶಾಸನಬದ್ಧ ಪ್ರಾಧಿಕಾರಗಳ ಪೂರ್ವಾನುಮೋದನೆಯೊಂದಿಗೆ ಸ್ಥಾಪಿಸುವುದು;

(xvii) ಫಿಲಂಗಳು, ಕ್ಯಾಸೆಟ್‌ಗಳು, ಧ್ವನಿಸುರುಳಿಗಳು, ದೃಶ್ಯಸುರುಳಿಗಳು, ಸಿ.ಡಿ., ವಿ.ಸಿ.ಡಿ., ಪೆನ್ ಡ್ರೈವ್ಸ್ ಮತ್ತು ಇತರ ತಂತ್ರಾಂಶಗಳೂ ಹಾಗೂ ಇತರ ಸಂಬಂಧಿತ ವಿದ್ಯುನ್ಮಾನ ಮತ್ತು

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ಮುದ್ರಣ ಮಾಧ್ಯಮ ಸೇರಿದಂತೆ ಬೋಧಕ ಸಾಮಗ್ರಿಗಳನ್ನು ತಯಾರಿಸುವುದಕ್ಕಾಗಿ ಅವಕಾಶ ಕಲ್ಪಿಸುವುದು;

(xviii) ಆಡಳಿತ ಮಂಡಳಿಯ ಅನುಮೋದನೆಯೊಂದಿಗೆ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಉದ್ದೇಶಗಳಿಗಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ವತ್ತುಗಳನ್ನು ಭದ್ರತೆಯಾಗಿ ನೀಡಿ ಅಥವಾ ನೀಡದೆ ಹಣವನ್ನು ಪಡೆಯುವುದು, ಸಂಗ್ರಹಿಸುವುದು, ಚಂದಾದಾರರಾಗುವುದು ಮತ್ತು ಸಾಲ ಪಡೆಯುವುದು;

(xix) ಸರ್ಕಾರದ ಪೂರ್ವಾನುಮೋದನೆಯೊಂದಿಗೆ ಯಾವುದೇ ಇತರ ಶೈಕ್ಷಣಿಕ ಸಂಸ್ಥೆಗಳ ಆಡಳಿತವನ್ನು ವಶಪಡಿಸಿಕೊಳ್ಳುವುದು, ವಹಿಸಿಕೊಳ್ಳುವುದು ಮತ್ತು ನಡೆಸುವುದು;

(xx) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಪೂರ್ವಾನುಮೋದನೆಯೊಂದಿಗೆ ಸ್ವತ್ತುಗಳನ್ನು ಆರ್ಜಿಸುವುದು;

(xxi) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೇಲ್ಕಂಡ ಉದ್ದೇಶಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಅಥವಾ ಪ್ರಾಸಂಗಿಕವಾದ ಯಾವುದೇ ಇತರ ಕಾರ್ಯ ಚಟುವಟಿಕೆಗಳನ್ನು ಕೈಗೊಳ್ಳುವುದು.

(xxii) ವಿಶ್ವವಿದ್ಯಾಲಯವು ಕಡ್ಡಾಯ ಕೌಶಲ್ಯ ಅಭಿವೃದ್ಧಿ ಕೋರ್ಸುಗಳನ್ನು ನಡೆಸುವುದು.

**9. ವಿಶ್ವವಿದ್ಯಾಲಯವು ಎಲ್ಲಾ ವರ್ಗ, ಜಾತಿ, ಮತ, ಲಿಂಗ ಅಥವಾ ರಾಷ್ಟ್ರ ಭೇದವಿಲ್ಲದೆ ಸರ್ವರಿಗೂ ಮುಕ್ತವಾಗಿರುವುದು.-** ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರವೇಶಾತಿಗಳು, ವರ್ಗ, ಜಾತಿ, ಮತ, ಲಿಂಗ ಅಥವಾ ರಾಷ್ಟ್ರ, ಭೇದವಿಲ್ಲದೆ ಎಲ್ಲಾ ವ್ಯಕ್ತಿಗಳಿಗೂ ಮುಕ್ತವಾಗಿರತಕ್ಕದ್ದು. ಕಾರ್ಯಕ್ರಮವಾರು ಪ್ರವೇಶಾತಿ ಮಾನದಂಡ ಮತ್ತು ಪ್ರವೇಶಾತಿಗಾಗಿ ವೇಳಾಪಟ್ಟಿಯ ವಿಸ್ತೃತ ಅಧಿಸೂಚನೆ ಹಾಗೂ ಕಾರ್ಯಕ್ರಮವಾರು ಲಭ್ಯವಿರುವ ಪ್ರವೇಶಾತಿ ಸಂಖ್ಯೆ ಶುಲ್ಕಗಳ ವಿವರವೂ ಸೇರಿದಂತೆ ಗೊತ್ತುಪಡಿಸಿದ ಶುಲ್ಕವನ್ನು ಕಡ್ಡಾಯ ಪ್ರಕಟಣೆಯ ಭಾಗವಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಅಧಿಸೂಚಿಸತಕ್ಕದ್ದು:

ಪರಂತು, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಎಲ್ಲಾ ಕೋರ್ಸುಗಳ ಪ್ರವೇಶಾತಿಯಲ್ಲಿ ಶೇಕಡಾ ನಲವತ್ತರಷ್ಟನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಮೀಸಲಿಡತಕ್ಕದ್ದು ಮತ್ತು ಪ್ರವೇಶಾತಿಗಳನ್ನು,-

(i) ತಾಂತ್ರಿಕ ಮತ್ತು ವೃತ್ತಿಪರ ಕೋರ್ಸುಗಳಿಗಾಗಿ ಸಂದರ್ಭಾನುಸಾರ, ಕೇಂದ್ರ ಸರ್ಕಾರ ಅಥವಾ ರಾಜ್ಯ ಸರ್ಕಾರವು ಅಥವಾ ಅದರ ಏಜೆನ್ಸಿಯು ನಡೆಸುವ ಸಾಮಾನ್ಯ ಪ್ರವೇಶ ಪರೀಕ್ಷೆಯ ಮೂಲಕ ಅಥವಾ ರಾಜ್ಯ ಸರ್ಕಾರವು ಕಾಲಕಾಲಕ್ಕೆ ನಿರ್ದಿಷ್ಟಪಡಿಸುವಂಥ ಯಾವುದೇ ವಿಧಾನದ ಮೂಲಕ ಮೆರಿಟ್ ಪಟ್ಟಿಯನ್ನಾಧರಿಸಿ ಪ್ರವೇಶಾತಿಗಳನ್ನು ಮಾಡತಕ್ಕದ್ದು.

(ii) ಎಲ್ಲಾ ತಾಂತ್ರಿಕೇತರ ಕೋರ್ಸುಗಳ ಸಂದರ್ಭದಲ್ಲಿ, ಸಂಬಂಧಪಟ್ಟ ಅರ್ಹತಾ ಪರೀಕ್ಷೆಗಳಲ್ಲಿ ಪಡೆದುಕೊಂಡ ಅಂಕಗಳನ್ನಾಧರಿಸಿ ಸಿದ್ಧಪಡಿಸಿದ ಮೆರಿಟ್ ಪಟ್ಟಿಯ ಆಧಾರದ ಮೇಲೆ ಅಥವಾ ರಾಜ್ಯ ಸರ್ಕಾರವು ಕಾಲಕಾಲಕ್ಕೆ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂಥ ಯಾವುದೇ ವಿಧಾನದ ಮೂಲಕ ಪ್ರವೇಶಾತಿಯನ್ನು ಮಾಡತಕ್ಕದ್ದು:

ಮತ್ತೂ ಪರಂತು, ಈ ಪ್ರಕರಣದ ಮೇಲಿನ ಸಂದರ್ಭಗಳಲ್ಲಿ ಮೆರಿಟ್ ಹಾಗೂ ರಾಜ್ಯ ಸರ್ಕಾರವು ಕಾಲಕಾಲಕ್ಕೆ ರೂಪಿಸುವಂಥ ಮೀಸಲಾತಿ ನೀತಿಗನುಸಾರವಾಗಿ ಸೀಟುಗಳನ್ನು ಹಂಚಿಕೆ ಮಾಡತಕ್ಕದ್ದು:

**10. ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯ ಅಧಿಕಾರಗಳು.-** ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಈ ಮುಂದಿನ ಅಧಿಕಾರಗಳನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು, ಇವುಗಳಲ್ಲಿ ಪ್ರತಿಯೊಂದನ್ನು ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ತನ್ನ ವಿವೇಚನಾನುಸಾರ ಚಲಾಯಿಸಬಹುದು, ಎಂದರೆ:-

(i) ಕುಲಾಧಿಪತಿಯವರನ್ನು ನೇಮಿಸುವುದು ಅಥವಾ ಪುನರ್ನೇಮಿಸುವುದು ಅಥವಾ ಅವರ ನೇಮಕಾತಿಯನ್ನು ಅಂತ್ಯಗೊಳಿಸುವುದು;

(ii) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಥಮ ಆಡಳಿತ ಮಂಡಳಿಯನ್ನು ರಚಿಸುವುದು;

(iii) ಆಡಳಿತ ಮಂಡಳಿಯ ಅಧ್ಯಕ್ಷರನ್ನು ನಾಮನಿರ್ದೇಶನ ಮಾಡುವುದು;

(iv) ಆಡಳಿತ ಮಂಡಳಿಯ ಸದಸ್ಯರಾಗಿ ಮೂರು ವ್ಯಕ್ತಿಗಳನ್ನು ನಾಮನಿರ್ದೇಶನ ಮಾಡುವುದು;

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(v) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಸದಸ್ಯರಾಗಿ ಇಬ್ಬರು ವ್ಯಕ್ತಿಗಳನ್ನು ನಾಮನಿರ್ದೇಶನ ಮಾಡುವುದು;

(vi) ವಿಶ್ವವಿದ್ಯಾಲಯದ ದತ್ತಿ ನಿಧಿಗೆ ದೇಣಿಗೆ ನೀಡಲು ನಿಧಿ ಮೂಲಗಳನ್ನು ನಿರ್ಧರಿಸುವುದು;

(vii) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಹಣದ ವಿನಿಯೋಗ ಮತ್ತು ವೆಚ್ಚ ಮಾಡುವುದನ್ನು ನಿರ್ಧರಿಸುವುದು;

(viii) ಈ ಅಧಿನಿಯಮದಲ್ಲಿ ಉಪಬಂಧಿಸಲಾದ ವಿಧಾನದಲ್ಲಿ ಆಡಳಿತ ಮಂಡಳಿಯ ಸಭೆಯಲ್ಲಿನ ಯಾವುದೇ ವಿವಾದಗಳನ್ನು ಬಗೆಹರಿಸುವುದು.

## ಅಧ್ಯಾಯ - III
## ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರಿಗಳು

**11. ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರಿಗಳು.-** ಈ ಮುಂದಿನವರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರಿಗಳಾಗಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ಕುಲಾಧ್ಯಕ್ಷರು;
(ii) ಸಹ-ಕುಲಾಧ್ಯಕ್ಷರು;
(iii) ಕುಲಾಧಿಪತಿಗಳು;
(iv) ಸಹ-ಕುಲಾಧಿಪತಿಗಳು
(v) ಕುಲಪತಿಗಳು;
(vi) ಸಹ-ಕುಲಪತಿಗಳು;
(vii) ಬೋಧನಾ ವಿಭಾಗದ ಡೀನ್ ಗಳು;
(viii) ಕುಲಸಚಿವರು;
(ix) ಹಣಕಾಸು ಅಧಿಕಾರಿ; ಮತ್ತು
(x) ಪರಿನಿಯಮಗಳ ಮೂಲಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರಿಗಳೆಂದು ಘೋಷಿಸಬಹುದಾದಂಥ ಇತರ ಅಧಿಕಾರಿಗಳು.

**12. ಕುಲಾಧ್ಯಕ್ಷರು.-** (1) ಕರ್ನಾಟಕದ ಘನತೆವೆತ್ತ ರಾಜ್ಯಪಾಲರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧ್ಯಕ್ಷರಾಗಿರತಕ್ಕದ್ದು ಮತ್ತು ಕುಲಾಧ್ಯಕ್ಷರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕಾರ್ಯನಿರ್ವಹಣೆಯ ಸುಧಾರಣೆಗಾಗಿ ಸಲಹೆಗಳನ್ನು ನೀಡಬಹುದು.

(2) ಕುಲಾಧ್ಯಕ್ಷರು, ಪದವಿಗಳನ್ನು ಮತ್ತು ಡಿಪ್ಲೊಮಾಗಳನ್ನು ಪ್ರದಾನ ಮಾಡಲು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸತಕ್ಕದ್ದು.

(3) ಕುಲಾಧ್ಯಕ್ಷರು ಈ ಮುಂದಿನ ಅಧಿಕಾರಗಳನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಹಾರಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಯಾವುದೇ ಪತ್ರ ಅಥವಾ ಮಾಹಿತಿಯನ್ನು ತರಿಸಿಕೊಳ್ಳುವುದು; ಮತ್ತು

(ii) ಕುಲಾಧ್ಯಕ್ಷರು, ಅವರು ಸ್ವೀಕರಿಸಿದ ಮಾಹಿತಿಯ ಆಧಾರದ ಮೇಲೆ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳ ಯಾವುದೇ ಪ್ರಾಧಿಕಾರವು ಮಾಡಿದ ಯಾವುದೇ ಆದೇಶ, ನಡೆಸಿದ ವ್ಯವಹರಣೆಗಳು ಅಥವಾ ಕೈಗೊಂಡ ತೀರ್ಮಾನಗಳು, ಈ ಅಧಿನಿಯಮ, ವಿನಿಯಮಗಳು ಅಥವಾ ನಿಯಮಗಳಿಗೆ ಪೂರಕವಾಗಿಲ್ಲವೆಂದು ಮನಗಂಡರೆ ಅವರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಹಿತಾಸಕ್ತಿಯಿಂದ ತಾವು ಸೂಕ್ತವೆಂದು ಭಾವಿಸಬಹುದಾದಂಥ ನಿರ್ದೇಶನಗಳನ್ನು ಹೊರಡಿಸಬಹುದು ಮತ್ತು ಹಾಗೆ ಹೊರಡಿಸಿದ ನಿರ್ದೇಶನಗಳನ್ನು ಸಂಬಂಧಪಟ್ಟವರೆಲ್ಲರೂ ಪಾಲಿಸತಕ್ಕದ್ದು.

**13. ಸಹ-ಕುಲಾಧ್ಯಕ್ಷರು.-** (1) ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾನ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಸಚಿವರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸಹ- ಕುಲಾಧ್ಯಕ್ಷರಾಗಿರತಕ್ಕದ್ದು.

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(2) ಕುಲಾಧ್ಯಕ್ಷರ ಅನುಪಸ್ಥಿತಿಯಲ್ಲಿ ಸಹ-ಕುಲಾಧ್ಯಕ್ಷರು ಪದವಿಗಳನ್ನು ಮತ್ತು ಡಿಪ್ಲೊಮಾಗಳನ್ನು ಪ್ರದಾನ ಮಾಡಲು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸತಕ್ಕದ್ದು.

**14. ಕುಲಾಧಿಪತಿಗಳು.-** (1) ಕುಲಾಧಿಪತಿಯವರನ್ನು ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ನೇಮಿಸತಕ್ಕದ್ದು.

(2) ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯ ನಾಮನಿರ್ದೇಶಿತರು ಪ್ರಥಮ ಕುಲಾಧಿಪತಿಗಳಾಗಿರತಕ್ಕದ್ದು, ಅವರು ತಮ್ಮ ಜೀವನಪರ್ಯಂತ ಅಥವಾ ಅವರು ತಮ್ಮ ಪದವನ್ನು ಬಿಟ್ಟುಕೊಡುವವರೆಗೆ ಆ ಪದವನ್ನು ಧಾರಣ ಮಾಡಿರತಕ್ಕದ್ದು.

(3) ತದನಂತರದ ಕುಲಾಧಿಪತಿಯು ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯ ವ್ಯವಸ್ಥಾಪನಾ ಸಮಿತಿಯ ಸದಸ್ಯರಾಗಿರತಕ್ಕದ್ದು.

(4) ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ಸಹ-ಕುಲಾಧಿಪತಿಯವರನ್ನು ನೇಮಿಸಬಹುದು.

(5) ಹಾಗೆ ನೇಮಕಗೊಂಡ ತದನಂತರದ ಕುಲಾಧಿಪತಿಗಳು ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ನಿರ್ಧರಿಸಬಹುದಾದಂತೆ ಪದಧಾರಣ ಮಾಡತಕ್ಕದ್ದು.

(6) ಈ ಅಧಿನಿಯಮದ ಅಥವಾ ಅದರಡಿಯಲ್ಲಿ ರಚಿಸಿದ ಪರಿನಿಯಮಗಳು ಕುಲಾಧಿಪತಿಗಳಿಗೆ ಪ್ರದಾನ ಮಾಡಬಹುದಾದಂಥ ಅಧಿಕಾರಗಳನ್ನು ಅವರು ಹೊಂದಿರತಕ್ಕದ್ದು, ಅವುಗಳಲ್ಲಿ ಈ ಮುಂದಿನ ಅಧಿಕಾರಗಳು ಒಳಗೊಂಡಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುಖ್ಯಸ್ಥರಾಗಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುವುದು;

(ii) ಕುಲಾಧ್ಯಕ್ಷರ ಮತ್ತು ಸಹ-ಕುಲಾಧ್ಯಕ್ಷರಿಬ್ಬರ ಗೈರುಹಾಜರಿಯಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಎಲ್ಲಾ ಘಟಿಕೋತ್ಸವಗಳಲ್ಲಿ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸುವುದು;

(iii) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತ ಮಂಡಳಿಯ ಅಧ್ಯಕ್ಷರಾಗಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುವುದು;

(iv) ಈ ಅಧಿನಿಯಮ ಮತ್ತು ಪರಿನಿಯಮಗಳ ಉಪಬಂಧಗಳಿಗೆ ಅನುಸಾರವಾಗಿ ಕುಲಪತಿಗಳನ್ನು ನೇಮಿಸುವುದು ಅಥವಾ ಪುನರ್ ನೇಮಿಸುವುದು ಅಥವಾ ಅವರ ನೇಮಕಾತಿಯನ್ನು ಅಂತ್ಯಗೊಳಿಸುವುದು;

(v) ಸಹ-ಕುಲಪತಿಗಳು, ಡೀನ್, ಕುಲಸಚಿವರು ಹಾಗೂ ಹಣಕಾಸು ಅಧಿಕಾರಿಯ ನೇಮಕಾತಿಗಾಗಿ ಪ್ರಸ್ತಾವನೆಯನ್ನು ಸಲ್ಲಿಸುವುದು;

(vi) ಪ್ರಥಮ ಸಹಕುಲಪತಿಗಳು ಮತ್ತು ಹಣಕಾಸು ಅಧಿಕಾರಿಗಳನ್ನು ನೇಮಿಸುವುದು;

(vii) ಪ್ರಥಮ ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿ, ಹಣಕಾಸು ಸಮಿತಿ, ಸಂಶೋಧನಾ ಪರಿಷತ್ತು ಹಾಗೂ ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತುಗಳನ್ನು ರಚಿಸುವುದು;

(viii) ಈ ಅಧಿನಿಯಮದಲ್ಲಿ ಉಪಬಂಧಿಸಿದ ವಿಧಾನದಲ್ಲಿ ಕಾರ್ಯಸೂಚಿ ವಿಷಯಗಳನ್ನು ಅನುಮೋದಿಸುವುದು; ಮತ್ತು

(ix) ಈ ಅಧಿನಿಯಮದಲ್ಲಿ ಉಪಬಂಧಿಸಿದ ವಿಧಾನದಲ್ಲಿ (ಆಡಳಿತ ಮಂಡಳಿಯ ಸಭೆಯಲ್ಲಿ ಉಂಟಾದ ವಿವಾದಗಳನ್ನು ಹೊರತುಪಡಿಸಿ) ವಿವಾದಗಳನ್ನು ಪರಿಹರಿಸುವುದು.

(7) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕಾರ್ಯನಿರ್ವಾಹಕರು ಅಥವಾ ಸಂಸ್ಥೆ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಇತರ ಕಾರ್ಯನಿರ್ವಾಹಕರು ಅಥವಾ ಸಂಸ್ಥೆಯ ನಡುವೆ ವಿವಾದಗಳು ಉಂಟಾದಲ್ಲಿ, ಆ ವಿವಾದವನ್ನು ಕುಲಾಧಿಪತಿಯವರ ಪರ್ಯಾಲೋಚನೆಗೆ ಕಳುಹಿಸತಕ್ಕದ್ದು ಮತ್ತು ಅಂಥ ವಿವಾದದ ಸಂದರ್ಭದಲ್ಲಿ ಕುಲಾಧಿಪತಿಯವರ ತೀರ್ಮಾನವು ಅಂತಿಮವಾಗಿರತಕ್ಕದ್ದು ಮತ್ತು ಅದಕ್ಕೆ ವಿಶ್ವವಿದ್ಯಾಲಯವು ಬದ್ಧವಾಗಿರತಕ್ಕದ್ದು.

**15. ಸಹ-ಕುಲಾಧಿಪತಿಗಳು.-** (1) ಪರಿನಿಯಮಗಳಲ್ಲಿ ನಿರೂಪಿಸಬಹುದಾದಂಥ ಇತರ ನಿಬಂಧನೆಗಳು ಮತ್ತು ಷರತ್ತುಗಳಿಗೆ ಒಳಪಟ್ಟು, ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯ ಮೂಲಕ ನಿಯಮಿಸಬಹುದಾದ ನಾಲ್ಕು ವರ್ಷಗಳ ಅವಧಿಯನ್ನು ಮೀರದ ಅವಧಿಗಾಗಿ ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ಸಹ-ಕುಲಾಧಿಪತಿಯವರನ್ನು ನೇಮಕ ಮಾಡತಕ್ಕದ್ದು.

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(2) ಕುಲಾಧಿಪತಿಯವರ ಗೈರುಹಾಜರಿಯಲ್ಲಿ ಸಹ-ಕುಲಾಧಿಪತಿಯವರು ಕುಲಾಧಿಪತಿಯವರ ಎಲ್ಲಾ ಅಧಿಕಾರಗಳನ್ನು ಚಲಾಯಿಸತಕ್ಕದ್ದು ಮತ್ತು ಕುಲಾಧಿಪತಿಯವರ ಲಿಖಿತ ಪೂರ್ವಾನುಮೋದನೆಯೊಂದಿಗೆ ಅವರಿಗೆ ಯಾವುದೇ ಹೆಚ್ಚಿನ ಕರ್ತವ್ಯಗಳನ್ನು ವಹಿಸತಕ್ಕದ್ದು.

(3) ಕುಲಾಧಿಪತಿಯವರ ಗೈರುಹಾಜರಿಯಲ್ಲಿ ಸಹ-ಕುಲಾಧಿಪತಿಯವರು ಎಲ್ಲಾ ಸಮಿತಿಗಳ, ಸಭೆಗಳ ಮತ್ತು ಘಟಿಕೋತ್ಸವಗಳ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸತಕ್ಕದ್ದು.

**16. ಕುಲಪತಿಗಳು.**- (1) (2)ನೇ ಉಪಪ್ರಕರಣದ ಉಪಬಂಧಗಳಿಗೆ ಅನುಸಾರವಾಗಿ ರಚಿಸಿದ ನಾಮನಿರ್ದೇಶಕ ಸಮಿತಿಯು ಶಿಫಾರಸ್ಸು ಮಾಡಿದ ಮೂರು ವ್ಯಕ್ತಿಗಳ ಪೈಕಿ ಒಬ್ಬರನ್ನು, ಪರಿನಿಯಮಗಳಲ್ಲಿ ನಿಯಮಿಸಬಹುದಾದಂಥ ಇತರೆ ನಿಬಂಧನೆಗಳು ಮತ್ತು ಷರತ್ತುಗಳಿಗೆ ಒಳಪಟ್ಟು ಕುಲಾಧಿಪತಿಯವರು ನಾಲ್ಕು ವರ್ಷಗಳ ಅವಧಿಗಾಗಿ ಕುಲಪತಿಯನ್ನು ನೇಮಕ ಮಾಡತಕ್ಕದ್ದು. ಕುಲಪತಿಯು ಅರವತ್ತೇಳು ವರ್ಷಗಳ ವಯಸ್ಸನ್ನು ಪೂರೈಸಿದ ತರುವಾಯ ಪದದಲ್ಲಿ ಮುಂದುವರೆಯತಕ್ಕದ್ದಲ್ಲ:

ಪರಂತು, ಕುಲಪತಿಯು ತನ್ನ ಪದಾವಧಿಯು ಮುಕ್ತಾಯಗೊಂಡ ನಂತರವೂ ಕೂಡ ಹೊಸ ಕುಲಪತಿಯು ಸೇರ್ಪಡೆಯಾಗುವವರೆಗೆ ಪದಧಾರಣೆ ಹೊಂದಿರುವುದನ್ನು ಮುಂದುವರೆಸತಕ್ಕದ್ದು. ಆದರೆ, ಯಾವುದೇ ಸಂದರ್ಭದಲ್ಲೂ ಈ ಅವಧಿಯು ಒಂದು ವರ್ಷವನ್ನು ಮೀರತಕ್ಕದ್ದಲ್ಲ.

(2) (1)ನೇ ಉಪಪ್ರಕರಣದಲ್ಲಿ ಉಲ್ಲೇಖಿಸಿದ ನಾಮನಿರ್ದೇಶಕ ಸಮಿತಿಯಲ್ಲಿ ಈ ಮುಂದಿನ ವ್ಯಕ್ತಿಗಳು ಇರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ನಾಮನಿರ್ದೇಶಿಸಿದ ಒಬ್ಬ ವ್ಯಕ್ತಿ; ಆತನು ನಾಮನಿರ್ದೇಶಕ ಸಮಿತಿಯ ಸಂಚಾಲಕನಾಗಿರತಕ್ಕದ್ದು.

(ii) ಆಡಳಿತ ಮಂಡಳಿಯು ನಾಮ ನಿರ್ದೇಶಿಸಿದ ಒಬ್ಬ ವ್ಯಕ್ತಿ; ಮತ್ತು

(iii) ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತು ನಾಮನಿರ್ದೇಶಿಸಿದ ಒಬ್ಬ ವ್ಯಕ್ತಿ.

(3) ನಾಮನಿರ್ದೇಶನ ಸಮಿತಿಯು, ಅರ್ಹತೆಯ ಆಧಾರದ ಮೇಲೆ ಕುಲಪತಿಯ ಹುದ್ದೆಗೆ ಸೂಕ್ತವಾದ ಮೂರು ವ್ಯಕ್ತಿಗಳ ಹೆಸರನ್ನು ಶಿಫಾರಸ್ಸು ಮಾಡತಕ್ಕದ್ದು ಮತ್ತು ಅದನ್ನು ಪ್ರತಿಯೊಬ್ಬ ವ್ಯಕ್ತಿಯ ವಿದ್ಯಾರ್ಹತೆ ಮತ್ತಿತರ ವಿಶಿಷ್ಟ ಪ್ರಶಸ್ತಿಗಳನ್ನು ತಿಳಿಸುವ ಒಂದು ಸಂಕ್ಷಿಪ್ತ ವರದಿಯೊಂದಿಗೆ ಕುಲಾಧಿಪತಿಯವರಿಗೆ ಕಳುಹಿಸತಕ್ಕದ್ದು.

(4) ಕುಲಪತಿಯು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಧಾನ ಕಾರ್ಯನಿರ್ವಾಹಕ ಮತ್ತು ಶೈಕ್ಷಣಿಕ ಅಧಿಕಾರಿಯಾಗಿರತಕ್ಕದ್ದು ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಹಾರಗಳ ಬಗ್ಗೆ ಸಾಮಾನ್ಯ ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ನಿಯಂತ್ರಣವನ್ನು ಚಲಾಯಿಸತಕ್ಕದ್ದು ಹಾಗೂ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಾಧಿಕಾರಗಳ ತೀರ್ಮಾನಗಳನ್ನು ಜಾರಿಗೊಳಿಸತಕ್ಕದ್ದು:

ಪರಂತು, ಅಧ್ಯಾಪಕರ ನೇಮಕಾತಿಯನ್ನು ಹೊರತುಪಡಿಸಿ ಕೂಡಲೇ ಕ್ರಮವನ್ನು ಕೈಗೊಳ್ಳಬೇಕಾದ ತುರ್ತು ಸ್ವರೂಪದ ಯಾವುದೇ ಇತರ ವಿಷಯಗಳಲ್ಲಿ ಮತ್ತು ಅದನ್ನು ಈ ಅಧಿನಿಯಮದ ಮೂಲಕ ಅಥವಾ ಅದರ ಅಡಿಯಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯವು ಇದಕ್ಕಾಗಿ ಅಧಿಕೃತಗೊಳಿಸಿದ್ದ ಯಾವೊಬ್ಬ ಅಧಿಕಾರಿ ಅಥವಾ ಪ್ರಾಧಿಕಾರ ಅಥವಾ ಇತರ ಸಂಸ್ಥೆಯು ಕೂಡಲೇ ಕ್ರಮಕೈಗೊಳ್ಳುವುದು ಸಾಧ್ಯವಿಲ್ಲದಿರುವಾಗ ಕುಲಪತಿಯು ಕುಲಾಧಿಪತಿಯವರ ಲಿಖಿತ ಪೂರ್ವಾನುಮೋದನೆಯನ್ನು ಪಡೆದು ತಾನು ಸೂಕ್ತವೆಂದು ಭಾವಿಸಬಹುದಾದಂತಹ ಕ್ರಮವನ್ನು ಕೈಗೊಳ್ಳತಕ್ಕದ್ದು.

(5) ಕುಲಪತಿಯು ಪರಿನಿಯಮಗಳು ಅಥವಾ ನಿಯಮಗಳಲ್ಲಿ ಹೇಳಬಹುದಾದಂಥ ಇತರ ಅಧಿಕಾರಗಳನ್ನು ಚಲಾಯಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಅಂಥ ಇತರ ಕರ್ತವ್ಯಗಳನ್ನು ನೆರವೇರಿಸತಕ್ಕದ್ದು:

ಪರಂತು, ಕುಲಪತಿಯ ಅಭಿಪ್ರಾಯದಲ್ಲಿ, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಪ್ರಾಧಿಕಾರದ ಯಾವುದೇ ನಿರ್ಣಯವು, ಈ ಅಧಿನಿಯಮ ಅಥವಾ ಅದರಡಿಯಲ್ಲಿ ರಚಿಸಿದ ಪರಿನಿಯಮಗಳು, ವಿನಿಯಮಗಳು ಅಥವಾ ನಿಯಮಗಳ ಮೂಲಕ ಪುದತ್ತವಾದ ಅಧಿಕಾರಗಳನ್ನು ಮೀರಿದ್ದರೆ ಅಥವಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಹಿತಾಸಕ್ತಿಗೆ ಪ್ರತಿಕೂಲವಾಗಬಹುದಾಗಿದ್ದರೆ, ಅದರ ನಿರ್ಣಯದ ದಿನಾಂಕದಿಂದ ಹದಿನೈದು ದಿನಗಳ ಒಳಗೆ ತನ್ನ ನಿರ್ಣಯವನ್ನು ಪುನರ್ ಪರಿಶೀಲಿಸಲು ಸಂಬಂಧಪಟ್ಟ ಪ್ರಾಧಿಕಾರವನ್ನು ಆತನು ಕೋರತಕ್ಕದ್ದು ಮತ್ತು ಪ್ರಾಧಿಕಾರವು ಅಂಥ ನಿರ್ಣಯವನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ಅಥವಾ ಭಾಗಶಃವಾಗಿ ಪುನರ್ ಪರಿಶೀಲಿಸಲು ನಿರಾಕರಿಸಿದ

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ಸಂದರ್ಭದಲ್ಲಿ ಅಥವಾ ಹದಿನೈದು ದಿನಗಳೊಳಗೆ ಯಾವುದೇ ನಿರ್ಣಯವನ್ನು ತೆಗೆದುಕೊಳ್ಳಲು ವಿಫಲವಾದಲ್ಲಿ, ನಂತರ ಅಂಥ ವಿಷಯವನ್ನು ಕುಲಾಧಿಪತಿಗಳಿಗೆ ಕಳುಹಿಸತಕ್ಕದ್ದು ಮತ್ತು ಈ ಬಗ್ಗೆ ಇವರ ತೀರ್ಮಾನವೇ ಅಂತಿಮವಾಗಿರತಕ್ಕದ್ದು.

(6) ಕುಲಪತಿಯ ಸೇವೆಗಳನ್ನು, ಆಡಳಿತ ಮಂಡಳಿಯ ಅನುಮೋದನೆಯೊಂದಿಗೆ ಮತ್ತು ಸಹಜ ನ್ಯಾಯದ ತತ್ವಗಳನ್ನು ಅನುಸರಿಸಿದ ನಂತರ ಹಾಗೂ ಶಿಸ್ತಿನ ಆಧಾರದ ಮೇಲೆ ಅಂತ್ಯಗೊಳಿಸುವ ಸಂದರ್ಭವೂ ಸೇರಿದಂತೆ, ಪ್ರಕರಣದ ಬಗ್ಗೆ ಕುಲಪತಿಯು ತಮ್ಮ ಅಹವಾಲನ್ನು ಹೇಳಿಕೊಳ್ಳಲು ಸೂಕ್ತ ಅವಕಾಶವನ್ನು ನೀಡಿದ ತರುವಾಯ, ಕುಲಾಧಿಪತಿಯವರು ಅಂತ್ಯಗೊಳಿಸಬಹುದು.

(7) ಕುಲಾಧ್ಯಕ್ಷರು, ಸಹ-ಕುಲಾಧ್ಯಕ್ಷರು, ಕುಲಾಧಿಪತಿಯವರು ಮತ್ತು ಸಹ-ಕುಲಾಧಿಪತಿಯವರು ಇವರುಗಳ ಗೈರು ಹಾಜರಿಯ ಸಂದರ್ಭದಲ್ಲಿ ಕುಲಪತಿಯು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಘಟಿಕೋತ್ಸವದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸತಕ್ಕದ್ದು.

**17.ಸಹ-ಕುಲಪತಿಗಳು.-** ಕುಲಪತಿಯವರು, ಕುಲಾಧಿಪತಿಯವರ ಲಿಖಿತ ಅನುಮೋದನೆಯನ್ನು ಪಡೆದುಕೊಂಡು ಮೂರು ಜನರನ್ನು ಮೀರದಂತೆ ಸಹ-ಕುಲಪತಿಗಳನ್ನು ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿಯಮಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ನೇಮಕ ಮಾಡತಕ್ಕದ್ದು ಮತ್ತು ಅವರು ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿಯಮಿಸಬಹುದಾದಂಥ ಅಧಿಕಾರಗಳನ್ನು ಚಲಾಯಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಅಂಥ ಕರ್ತವ್ಯಗಳನ್ನು ನೆರವೇರಿಸತಕ್ಕದ್ದು.

**18. ವ್ಯಾಸಂಗ ವಿಭಾಗಗಳ ಡೀನ್‌ಗಳು.-** ಕುಲಪತಿಯವರು, ಕುಲಾಧಿಪತಿಯವರ ಲಿಖಿತ ಅನುಮೋದನೆಯನ್ನು ಪಡೆದುಕೊಂಡು ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿಯಮಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ವ್ಯಾಸಂಗ ವಿಭಾಗಗಳ ಡೀನ್‌ಗಳನ್ನು ನೇಮಕ ಮಾಡತಕ್ಕದ್ದು ಮತ್ತು ಅವರು ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿಯಮಿಸಬಹುದಾದಂಥ ಅಧಿಕಾರಗಳನ್ನು ಚಲಾಯಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಅಂಥ ಕರ್ತವ್ಯಗಳನ್ನು ನೆರವೇರಿಸತಕ್ಕದ್ದು.

**19. ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿನ ನೇಮಕಾತಿಗಳು.-** ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿನ, 15, 16, 17 ಮತ್ತು 18ನೇ ಪ್ರಕರಣಗಳಲ್ಲಿನ ಎಲ್ಲಾ ನೇಮಕಾತಿಗಳು ಪ್ರಸ್ತುತವಿರುವ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗ ಮತ್ತು ಇತರೆ ನಿಯಂತ್ರಣ ಪ್ರಾಧಿಕಾರಗಳ ವಿನಿಯಮಗಳಿಗನುಸಾರವಾಗಿ ಇರತಕ್ಕದ್ದು.

**20. ಕುಲಸಚಿವರು.-** (1) ಕುಲಾಧಿಪತಿಯವರು, ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿಯಮಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ಮತ್ತು ಅಂಥ ನಿಬಂಧನೆ ಮತ್ತು ಷರತ್ತುಗಳ ಮೇಲೆ ಕುಲಸಚಿವರನ್ನು ನೇಮಕ ಮಾಡತಕ್ಕದ್ದು.

(2) ಪರಿನಿಯಮಗಳಲ್ಲಿ ಪರಿಭಾಷಿಸಿರುವಂತೆ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪರವಾಗಿ ಕುಲಸಚಿವರು ಎಲ್ಲಾ ಕರಾರುಗಳನ್ನು ಮಾಡಿಕೊಳ್ಳತಕ್ಕದ್ದು ಮತ್ತು ಅದಕ್ಕೆ ಸಹಿ ಹಾಕತಕ್ಕದ್ದು.

(3) ಕುಲಸಚಿವರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪರವಾಗಿ ದಾಖಲೆಗಳನ್ನು ದೃಢೀಕರಿಸುವ ಅಧಿಕಾರವನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು ಹಾಗೂ ಪರಿನಿಯಮಗಳಿಂದ ಪ್ರದತ್ತಗೊಳಿಸಬಹುದಾದಂಥ ಅಥವಾ ಕುಲಾಧಿಪತಿಯವರು ಮತ್ತು ಕುಲಪತಿಯವರು ಕಾಲಕಾಲಕ್ಕೆ ಅಗತ್ಯಪಡಿಸಬಹುದಾದಂಥ ಇತರ ಅಧಿಕಾರಗಳನ್ನು ಚಲಾಯಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಅಂಥ ಇತರ ಕರ್ತವ್ಯಗಳನ್ನು ನೆರವೇರಿಸತಕ್ಕದ್ದು.

(4) ಕುಲಸಚಿವರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ದಾಖಲೆಗಳು ಮತ್ತು ಸಾಮಾನ್ಯ ಮೊಹರನ್ನು ಸರಿಯಾದ ರೀತಿಯಲ್ಲಿ ರಕ್ಷಿಸಿಕೊಂಡು ಬರುವ ಹೊಣೆಗಾರಿಕೆಯನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು ಮತ್ತು ಕುಲಾಧಿಪತಿಯವರು, ಕುಲಪತಿಯವರು ಅಥವಾ ಇತರ ಯಾವುದೇ ಪ್ರಾಧಿಕಾರವು ಕೋರಿದಂಥ ಎಲ್ಲಾ ಅಂಥ ಮಾಹಿತಿಯನ್ನು ಮತ್ತು ದಾಖಲೆಗಳನ್ನು ಅವರ ಮುಂದೆ ಮಂಡಿಸಲು ಬದ್ಧರಾಗಿತಕ್ಕದ್ದು.

**21. ಹಣಕಾಸು ಅಧಿಕಾರಿ.-** ಕುಲಪತಿಯು, ಕುಲಾಧಿಪತಿಯವರ ಲಿಖಿತ ಅನುಮೋದನೆಯನ್ನು ಪಡೆದುಕೊಂಡು, ಪರಿನಿಯಮಗಳ ಮೂಲಕ ಪ್ರದತ್ತಗೊಳಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ಹಣಕಾಸು ಅಧಿಕಾರಿಯನ್ನು ನೇಮಕ ಮಾಡತಕ್ಕದ್ದು ಮತ್ತು ಅವರು ಪರಿನಿಯಮಗಳಲ್ಲಿ ನಿಯಮಿಸಬಹುದಾದಂಥ ಅಧಿಕಾರಗಳನ್ನು ಚಲಾಯಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಅಂಥ ಕರ್ತವ್ಯಗಳನ್ನು ನೆರವೇರಿಸತಕ್ಕದ್ದು.

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**22. ಇತರ ಅಧಿಕಾರಿಗಳು.-** ವಿಶ್ವವಿದ್ಯಾಲಯದ ಇತರ ಅಧಿಕಾರಿಗಳ ನೇಮಕಾತಿಯ ವಿಧಾನ, ಸೇವಾ ನಿಬಂಧನೆಗಳು ಮತ್ತು ಷರತ್ತುಗಳು ಹಾಗೂ ಅವರ ಅಧಿಕಾರಗಳು ಮತ್ತು ಕರ್ತವ್ಯಗಳು ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂತೆ ಇರತಕ್ಕದ್ದು.

## ಅಧ್ಯಾಯ - IV
## ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಾಧಿಕಾರಗಳು

**23. ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಾಧಿಕಾರಗಳು.-** ಈ ಮುಂದಿನವುಗಳು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಾಧಿಕಾರಗಳಾಗಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ಆಡಳಿತ ಮಂಡಳಿ;
(ii) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿ;
(iii) ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತು;
(iv) ಸಂಶೋಧನಾ ಮತ್ತು ಅನ್ವೇಷಣಾ ಪರಿಷತ್ತು;
(v) ಹಣಕಾಸು ಸಮಿತಿ; ಮತ್ತು
(vi) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಾಧಿಕಾರಗಳೆಂದು ಪರಿನಿಯಮಗಳ ಮೂಲಕ ಘೋಷಿಸಬಹುದಾದಂಥ ಇತರ ಪ್ರಾಧಿಕಾರಗಳು.

**24. ಆಡಳಿತ ಮಂಡಳಿ ಮತ್ತು ಅದರ ಅಧಿಕಾರಗಳು.-** (1) ಆಡಳಿತ ಮಂಡಳಿಯು ಈ ಮುಂದಿನವರನ್ನು ಒಳಗೊಂಡಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ಕುಲಾಧಿಪತಿಯವರು - ಅಧ್ಯಕ್ಷರು;
(ii) ಸಹ- ಕುಲಾಧಿಪತಿಯವರು - ಸದಸ್ಯರು;
(iii) ಕುಲಪತಿಯವರು - ಸದಸ್ಯರು;
(iv) ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆಯ ಸರ್ಕಾರದ ಕಾರ್ಯದರ್ಶಿ ಅಥವಾ ಉಪ ಕಾರ್ಯದರ್ಶಿ ದರ್ಜೆಗಿಂತ ಕಡಿಮೆಯಲ್ಲದ ದರ್ಜೆಯ ಆತನ ನಾಮನಿರ್ದೇಶಿತ-ಪದನಿಮಿತ್ತ ಸದಸ್ಯರು;
(v) ಸರ್ಕಾರವು ನಾಮನಿರ್ದೇಶನ ಮಾಡಿದ ಆಡಳಿತವೂ ಒಳಗೊಂಡಂತೆ ವ್ಯವಸ್ಥಾಪನೆ, ಹಣಕಾಸು ಅಥವಾ ಇತರೆ ಯಾವುದೇ ವಿಶೇಷ ಕ್ಷೇತ್ರದಲ್ಲಿನ ಒಬ್ಬ ತಜ್ಞರು - ಸದಸ್ಯರು;
(vi) ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ನಾಮನಿರ್ದೇಶಿಸಿದ ಮೂವರು ವ್ಯಕ್ತಿಗಳು ಅವರ ಪೈಕಿ ಒಬ್ಬರು ಮಹಿಳೆಯಾಗಿರತಕ್ಕದ್ದು- ಸದಸ್ಯರು; ಮತ್ತು
(vii) ಸಹ ಕುಲಪತಿಯವರು ಮತದಾನದ ಹಕ್ಕಿಲ್ಲದ ಸದಸ್ಯರಾಗಿರತಕ್ಕದ್ದು;
(viii) ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ಒಬ್ಬ ಪ್ರಸಿದ್ಧ ಶಿಕ್ಷಣ ತಜ್ಞನ ನಾಮನಿರ್ದೇಶಿತ- ಸದಸ್ಯ.

(2) ಕುಲಸಚಿವರು ಆಡಳಿತ ಮಂಡಳಿಯ ಮತದಾನದ ಹಕ್ಕಿರದ ಸದಸ್ಯ ಕಾರ್ಯದರ್ಶಿಯಾಗಿರತಕ್ಕದ್ದು.

(3) ಆಡಳಿತ ಮಂಡಳಿಯ ಸದಸ್ಯರ ಪದಾವಧಿ, ಸರ್ಕಾರದಿಂದ ನಾಮನಿರ್ದೇಶಿತರಾದ ಸದಸ್ಯರನ್ನು ಹೊರತುಪಡಿಸಿ, ಸದಸ್ಯರ ನೇಮಕಾತಿ, ನವೀಕರಣ ಮತ್ತು ತೆಗೆದುಹಾಕುವುದು ಮುಂತಾದವುಗಳು ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿಯಮಿಸಬಹುದಾದಂತೆ ಇರತಕ್ಕದ್ದು.

(4) ಆಡಳಿತ ಮಂಡಳಿಯ ಎಲ್ಲಾ ಸಭೆಗಳಲ್ಲಿ ಕುಲಾಧಿಪತಿಯವರು ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸತಕ್ಕದ್ದು ಮತ್ತು ಅವರ ಗೈರುಹಾಜರಿಯಲ್ಲಿ ಕುಲಾಧಿಪತಿಯವರಿಂದ ನಾಮನಿರ್ದೇಶಿತರಾದ ಯಾರಾದರೂ ಒಬ್ಬರು ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸತಕ್ಕದ್ದು. ಅಂಥ ಸಭೆಯ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸುವುದಕ್ಕೆ ಕುಲಾಧಿಪತಿಯವರು ಯಾವೊಬ್ಬ ವ್ಯಕ್ತಿಯನ್ನೂ ನಾಮನಿರ್ದೇಶನ ಮಾಡಿರದಿದ್ದಲ್ಲಿ, ಸಭೆಯಲ್ಲಿ ಹಾಜರಿರುವ ಸದಸ್ಯರು ಸರಳ ಬಹುಮತದ ಮೂಲಕ ಅವರುಗಳ ಪೈಕಿಯಿಂದಲೇ ಆ ಸಭೆಗೆ ಅಧ್ಯಕ್ಷನನ್ನು ಚುನಾಯಿಸತಕ್ಕದ್ದು.

(5) ಆಡಳಿತ ಮಂಡಳಿಯ ಎಲ್ಲಾ ಸಭೆಗಳಿಗೆ, ಅಂಥ ಸಭೆಯಲ್ಲಿ ಹಾಜರಾಗುವ ಮತ್ತು ಮತದಾನ ನೀಡುವ ಮೂರು ಜನ ಸದಸ್ಯರು ಕೋರಂ ಆಗಿರತಕ್ಕದ್ದು:

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ಪರಂತು, ಆಡಳಿತ ಮಂಡಳಿಯ ಯಾವುದೇ ಸಭೆಯ ಕೋರಂ ಪೂರ್ಣವಾಗಬೇಕಾದರೆ ಕುಲಾಧಿಪತಿಯವರು ಅಥವಾ ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯ ಒಬ್ಬ ನಾಮನಿರ್ದೇಶಿತರು ಹಾಜರಿರುವುದು ಮತ್ತು ಕುಲಾಧಿಪತಿಯವರು ಅಥವಾ ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯ ನಾಮನಿರ್ದೇಶಿತರು ಹಾಜರಾಗದೇ ಇದ್ದಾಗ ಕುಲಪತಿಯವರು ಹಾಜರಿರುವುದು ಕೋರಂ ಆಗುವುದಕ್ಕೆ ಯಾವಾಗಲೂ ಅವಶ್ಯವಾಗಿರತಕ್ಕದ್ದು.

(6) ಆಡಳಿತ ಮಂಡಳಿಯು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಧಾನ ಆಡಳಿತ ಮಂಡಳಿಯಾಗಿರತಕ್ಕದ್ದು ಮತ್ತು ಅದು ಈ ಮುಂದಿನ ಅಧಿಕಾರಗಳನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶಾಸನಬದ್ಧ ಲೆಕ್ಕಪರಿಶೋಧಕರನ್ನು ನೇಮಿಸುವುದು;

(ii) ವಿಶ್ವವಿದ್ಯಾಲಯವು ಅನುಸರಿಸಬೇಕಾದ ಕಾರ್ಯನೀತಿಗಳನ್ನು ರಚಿಸುವುದು;

(iii) ಈ ಅಧಿನಿಯಮದ ಅಥವಾ ಪರಿನಿಯಮಗಳ ಅಥವಾ ನಿಯಮಗಳ ಉಪಬಂಧಗಳಿಗೆ ಅನುಗುಣವಾಗಿಲ್ಲದೇ ಇರುವ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಇತರ ಪ್ರಾಧಿಕಾರಗಳ ತೀರ್ಮಾನಗಳನ್ನು ಪುನರ್ ಪರಿಶೀಲಿಸುವುದು;

(iv) ರಾಜ್ಯ ಸರ್ಕಾರದ ಅನುಮೋದನೆಯೊಂದಿಗೆ ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಸ್ವಯಂ ಸಮಾಪನಗೊಳಿಸುವ ನಿರ್ಧಾರವನ್ನು ತೆಗೆದುಕೊಳ್ಳುವುದು;

(v) ಸರ್ಕಾರಕ್ಕೆ ಸಲ್ಲಿಸುವ ಪ್ರಸ್ತಾವಗಳನ್ನು ಅನುಮೋದಿಸುವುದು;

(vi) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಉದ್ದೇಶಗಳನ್ನು ಪರಿಣಾಮಕಾರಿಯಾಗಿ ಜಾರಿಗೊಳಿಸುವುದಕ್ಕೆ ಅಪೇಕ್ಷಣೀಯವೆಂದು ಕಂಡುಬರುವಂಥ ತೀರ್ಮಾನಗಳನ್ನು ಮತ್ತು ಕ್ರಮಗಳನ್ನು ಕೈಗೊಳ್ಳುವುದು.

(7) ಆಡಳಿತ ಮಂಡಳಿಯು ಒಂದು ವರ್ಷದಲ್ಲಿ ಕನಿಷ್ಠ ನಾಲ್ಕು ಸಲ ಸಭೆ ಸೇರತಕ್ಕದ್ದು.

(8) ಆಡಳಿತ ಮಂಡಳಿಯು ಪರಿನಿಯಮಗಳಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂಥ ಸಮಯ ಮತ್ತು ಸ್ಥಳದಲ್ಲಿ ಸಭೆ ಸೇರತಕ್ಕದ್ದು.

(9) ಸಭೆಯ ನಡಾವಳಿಗಳನ್ನು ನೇರಪ್ರಸಾರ ಮಾಡುವುದರ ಜೊತೆಗೆ ಆಡಳಿತ ಮಂಡಳಿಯ ಕಾರ್ಯಸೂಚಿ ಮತ್ತು ನಡಾವಳಿಗಳನ್ನು ಕಡ್ಡಾಯ ಪ್ರಕಟಣೆಗಳ ಭಾಗವಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಜಾಲತಾಣದಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು.

**25. ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿ.**- (1) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯು ಈ ಮುಂದಿನವರನ್ನು ಒಳಗೊಂಡಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ಕುಲಪತಿಗಳು;

(ii) ಸಹಕುಲಪತಿಗಳು;

(iii) ಕುಲಸಚಿವರು;

(iv) ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯ ಇಬ್ಬರು ನಾಮನಿರ್ದೇಶಿತರು; ಮತ್ತು

(v) ಕುಲಪತಿಗಳು ನಾಮನಿರ್ದೇಶಿಸಿದಂಥ ಬೋಧನಾಂಗಗಳ ಇಬ್ಬರು ಡೀನ್‌ಗಳು;

(2) ಕುಲಪತಿಯವರು ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಅಧ್ಯಕ್ಷರಾಗಿರತಕ್ಕದ್ದು ಮತ್ತು ಕುಲಸಚಿವರು ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಕಾರ್ಯದರ್ಶಿಯಾಗಿರತಕ್ಕದ್ದು.

(3) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕಾರ್ಯಕಾರಿ ಸಂಸ್ಥೆಯಾಗಿರತಕ್ಕದ್ದು. ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಅಧಿಕಾರಗಳು ಮತ್ತು ಪ್ರಕಾರ್ಯಗಳು ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂತೆ ಇರತಕ್ಕದ್ದು.

(4) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಎಲ್ಲಾ ಸಭೆಗಳಲ್ಲಿ ಯಾವಾಗಲೂ ಕುಲಪತಿಯವರು ಅಧ್ಯಕ್ಷತೆ ವಹಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಕುಲಪತಿಯವರ ಗೈರುಹಾಜರಿಯಲ್ಲಿ ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ನಾಮನಿರ್ದೇಶನ ಮಾಡಿದವರು ಅಧ್ಯಕ್ಷತೆ ವಹಿಸತಕ್ಕದ್ದು ಮತ್ತು ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ಯಾರನ್ನೂ ನಾಮನಿರ್ದೇಶನ ಮಾಡದೇ ಇದ್ದ ಸಂದರ್ಭದಲ್ಲಿ ಸಭೆಯಲ್ಲಿ ಹಾಜರಿರುವ ಸದಸ್ಯರು ಚುನಾಯಿಸಿದ ಯಾವುದೇ ಇತರ ಸದಸ್ಯರು ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸತಕ್ಕದ್ದು.

(5) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಸಭೆಯಲ್ಲಿ ಯಾವುದೇ ವಿಷಯವನ್ನು ಕುರಿತು ಭಿನ್ನಾಭಿಪ್ರಾಯ ಉಂಟಾದಲ್ಲಿ ಸದರಿ ವಿಷಯವನ್ನು ಕುಲಾಧಿಪತಿಯವರಿಗೆ ಕಳುಹಿಸತಕ್ಕದ್ದು

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ಮತ್ತು ಅಂಥ ವಿಷಯದ ಬಗ್ಗೆ ಕುಲಾಧಿಪತಿಯವರ ತೀರ್ಮಾನವು ಅಂತಿಮವಾಗಿರತಕ್ಕದ್ದು ಮತ್ತು ಅದಕ್ಕೆ ವಿಶ್ವವಿದ್ಯಾಲಯವು ಬದ್ಧವಾಗಿರತಕ್ಕದ್ದು.

(6) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಕಾರ್ಯಸೂಚಿ ಮತ್ತು ನಡವಳಿಗಳನ್ನು ಕಡ್ಡಾಯ ಪ್ರಕಟಣೆಗಳ ಭಾಗವಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಜಾಲತಾಣದಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು.

**26. ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತು.-** (1) ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತು ಈ ಮುಂದಿನವರನ್ನು ಒಳಗೊಂಡಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ಕುಲಪತಿಯವರು - ಅಧ್ಯಕ್ಷರು
(ii) ಸಹಕುಲಪತಿಯವರು - ಸದಸ್ಯರು
(iii) ಕುಲಸಚಿವರು - ಕಾರ್ಯದರ್ಶಿಗಳು
(iv) ಪರಿನಿಯಮಗಳಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂಥ ಇತರ ಸದಸ್ಯರು.

(2) ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಧಾನ ಶೈಕ್ಷಣಿಕ ಸಂಸ್ಥೆಯಾಗಿರತಕ್ಕದ್ದು ಮತ್ತು ಈ ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳ, ಪರಿನಿಯಮಗಳ, ವಿನಿಯಮಗಳ ಹಾಗೂ ನಿಯಮಗಳಿಗೊಳಪಟ್ಟು ಮತ್ತು ಹಾಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ವಿನಿಯಮಗಳು, ಭಾರತ ಸರ್ಕಾರ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸುಸಂಗತ ನಿಯಮಗಳು ಮತ್ತು ವಿನಿಯಮಗಳ ಪ್ರಕಾರ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಶೈಕ್ಷಣಿಕ ಕಾರ್ಯನೀತಿಗಳನ್ನು ಸಮನ್ವಯಗೊಳಿಸತಕ್ಕದ್ದು ಮತ್ತು ಅದರ ಬಗ್ಗೆ ಸಾಮಾನ್ಯ ಮೇಲ್ವಿಚಾರಣೆಯನ್ನು ನಡೆಸತಕ್ಕದ್ದು. ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತಿನ ಕಾರ್ಯಸೂಚಿ ಮತ್ತು ನಡವಳಿಗಳನ್ನು ಕಡ್ಡಾಯ ಪ್ರಕಟಣೆಗಳ ಭಾಗವಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಜಾಲತಾಣದಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು.

**27. ಸಂಶೋಧನಾ ಮತ್ತು ನಾವಿನ್ಯತಾ ಪರಿಷತ್ತು.-** (1) ಸಂಶೋಧನಾ ಮತ್ತು ನಾವಿನ್ಯತಾ ಪರಿಷತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಧಾನ ಸಂಶೋಧನಾ ಮತ್ತು ನಾವಿನ್ಯತಾ ಪರಿಷತ್ತು ಆಗಿರತಕ್ಕದ್ದು ಹಾಗೂ ಸಂಶೋಧನಾ ಕ್ಷೇತ್ರಗಳಿಗೆ ಆದ್ಯತೆ ನೀಡುವುದೂ ಒಳಗೊಂಡಂತೆ, ವಿಶ್ವವಿದ್ಯಾಲಯವು ಕೈಗೊಳ್ಳಬೇಕಾದ ಸಂಶೋಧನೆಯ ವಿಧಾನದ ಬಗ್ಗೆ ಒಂದು ವ್ಯಾಪಕವಾದ ಸಮಗ್ರ ದೃಷ್ಟಿಕೋನವನ್ನು ಒದಗಿಸತಕ್ಕದ್ದು. ಸಂಶೋಧನೆ ಮತ್ತು ನಾವಿನ್ಯತಾ ಪರಿಷತ್ತು, ಈ ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳು, ಪರಿನಿಯಮಗಳು, ವಿನಿಯಮಗಳು ಹಾಗೂ ನಿಯಮಗಳಿಗೊಳಪಟ್ಟು ವಿಶ್ವವಿದ್ಯಾಲಯದ ನಾವಿನ್ಯತೆ ಮತ್ತು ಸಂಶೋಧನಾ ನೀತಿಗಳನ್ನು ಸಮನ್ವಯಗೊಳಿಸತಕ್ಕದ್ದು ಮತ್ತು ಅದರ ಬಗ್ಗೆ ಸಾಮಾನ್ಯ ಮೇಲ್ವಿಚಾರಣೆಯನ್ನು ನಡೆಸತಕ್ಕದ್ದು.

(2) ಸಂಶೋಧನಾ ಮತ್ತು ನಾವಿನ್ಯತಾ ಪರಿಷತ್ತು ಈ ಮುಂದಿನವರನ್ನು ಒಳಗೊಂಡಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ಕುಲಪತಿ - ಅಧ್ಯಕ್ಷರು
(ii) ಸಹಕುಲಪತಿ - ಸದಸ್ಯರು
(iii) ಸಂಶೋಧನೆಯ ಡೀನ್ - ಕಾರ್ಯದರ್ಶಿ
(iv) ನಾವಿನ್ಯತಾ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು - ಸದಸ್ಯರು
(v) ಎಲ್ಲಾ ಭೋದನಾಂಗಗಳ ಡೀನ್‌ಗಳು - ಸದಸ್ಯರು
(vi) ಪರಿನಿಯಮಗಳಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂಥ ಇತರ ಸದಸ್ಯರು.

**28. ಹಣಕಾಸು ಸಮಿತಿ.-** (1) ಹಣಕಾಸು ಸಮಿತಿ ಈ ಮುಂದಿನವರನ್ನು ಒಳಗೊಂಡಿರತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ಕುಲಾಧಿಪತಿ ಅಥವಾ ಅವರ ನಾಮನಿರ್ದೇಶಿತರು - ಅಧ್ಯಕ್ಷರು
(ii) ಸಹ ಕುಲಾಧಿಪತಿ - ಸದಸ್ಯರು
(iii) ಕುಲಪತಿ - ಸದಸ್ಯರು
(iv) ಕುಲಸಚಿವರು - ಸದಸ್ಯರು
(v) ಹಣಕಾಸು ಅಧಿಕಾರಿ - ಕಾರ್ಯದರ್ಶಿ
(vi) ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯ ಒಬ್ಬ ನಾಮನಿರ್ದೇಶಿತರು - ಸದಸ್ಯರು
(vii) ಪರಿನಿಯಮಗಳಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂಥ ಮೂವತ್ತು ಸದಸ್ಯರಿಗಿಂತ ಹೆಚ್ಚಿರದ ಇತರ ಸದಸ್ಯರು.

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(2) ಹಣಕಾಸು ಸಮಿತಿಯು ಹಣಕಾಸಿನ ವಿಷಯಗಳನ್ನು ನಿರ್ವಹಿಸುವ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಧಾನ ಹಣಕಾಸು ಸಂಸ್ಥೆಯಾಗಿರತಕ್ಕದ್ದು ಮತ್ತು ಹಾಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ವಿನಿಯಮಗಳು, ಭಾರತ ಸರ್ಕಾರ ಮತ್ತು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸುಸಂಗತ ನಿಯಮಗಳು ಮತ್ತು ವಿನಿಯಮಗಳ ಪ್ರಕಾರ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಹಣಕಾಸು ವಿಷಯಗಳನ್ನು ಸಮನ್ವಯಗೊಳಿಸತಕ್ಕದ್ದು ಮತ್ತು ಅದರ ಬಗ್ಗೆ ಸಾಮಾನ್ಯ ಮೇಲ್ವಿಚಾರಣೆಯನ್ನು ನಡೆಸತಕ್ಕದ್ದು. ಹಣಕಾಸು ಸಮಿತಿಯ ಕಾರ್ಯಸೂಚಿ ಮತ್ತು ನಡವಳಿಗಳನ್ನು ಕಡ್ಡಾಯ ಪ್ರಕಟಣೆಗಳ ಭಾಗವಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಜಾಲತಾಣದಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು.

**29. ಇತರ ಪ್ರಾಧಿಕಾರಗಳು.-** ವಿಶ್ವವಿದ್ಯಾಲಯದ ಇತರ ಪ್ರಾಧಿಕಾರಗಳ ರಚನೆ, ಅಧಿಕಾರಗಳು ಹಾಗೂ ಪ್ರಕಾರ್ಯಗಳು ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂತೆ ಇರತಕ್ಕದ್ದು.

**30. ಒಂದು ಪ್ರಾಧಿಕಾರದ ಅಥವಾ ಸಂಸ್ಥೆಯ ಸದಸ್ಯತ್ವಕ್ಕೆ ಅನರ್ಹತೆ.-** ಯಾರೇ ವ್ಯಕ್ತಿಯು,-

(ಎ) ಅಸ್ವಸ್ಥ ಚಿತ್ತನಾಗಿದ್ದು ಹಾಗೆಂದು ಸಕ್ಷಮ ನ್ಯಾಯಾಲಯದಿಂದ ಘೋಷಿಸಲ್ಪಟ್ಟಿದ್ದರೆ;

(ಬಿ) ಅವಿಮುಕ್ತ ದಿವಾಳಿಯಾಗಿದ್ದರೆ;

(ಸಿ) ನೈತಿಕ ಅಧ:ಪತನವನ್ನೊಳಗೊಳ್ಳುವ ಒಂದು ಅಪರಾಧಕ್ಕಾಗಿ ಅಪರಾಧಿ ಎಂದು ನಿರ್ಣೀತನಾಗಿದ್ದರೆ;

(ಡಿ) ಖಾಸಗಿ ಬೋಧನಾ ತರಗತಿಗಳನ್ನು ನಡೆಸುತ್ತಿದ್ದರೆ ಅಥವಾ ಸ್ವತ: ನಿರತನಾಗಿದ್ದರೆ;

(ಇ) ಯಾವುದೇ ವಿಧದಲ್ಲಿ, ಎಲ್ಲಿಯೇ, ಯಾವುದೇ ಪರೀಕ್ಷೆಯನ್ನು ನಡೆಸುವಲ್ಲಿ ನ್ಯಾಯೋಚಿತವಲ್ಲದ ಅಭ್ಯಾಸದಲ್ಲಿ ತೊಡಗಿದ್ದಕ್ಕಾಗಿ ಅಥವಾ ಉತ್ತೇಜಿಸಿದ್ದಕ್ಕಾಗಿ ದಂಡಿತನಾಗಿದ್ದರೆ; ಮತ್ತು

(ಎಫ್) ಆಡಳಿತ ಮಂಡಳಿಯು ಯಾವುದೇ ಪ್ರಾಧಿಕಾರಗಳ ಅಥವಾ ಸಂಸ್ಥೆಗಳ ಯಾರೇ ಸದಸ್ಯನು ಆ ಪದವನ್ನು ಹೊಂದಿರುವುದಕ್ಕೆ ಅನರ್ಹನೆಂದು ಲಿಖಿತದಲ್ಲಿ ಅಭಿಪ್ರಾಯಪಟ್ಟಾಗಲೆಲ್ಲಾ

- ಆತನನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಪ್ರಾಧಿಕಾರಗಳ ಅಥವಾ ಸಂಸ್ಥೆಗಳ ಸದಸ್ಯನಾಗಿರುವುದರಿಂದ ಅನರ್ಹನಗೊಳಿಸತಕ್ಕದ್ದು.

**31. ಖಾಲಿಸ್ಥಾನ ಇರುವ ಕಾರಣದಿಂದಾಗಿ ವ್ಯವಹರಣೆಗಳು ಅಸಿಂಧುವಾಗತಕ್ಕದ್ದಲ್ಲ.-** ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಪ್ರಾಧಿಕಾರದ ಕಾರ್ಯ ಅಥವಾ ವ್ಯವಹರಣೆಗಳು ಕೇವಲ ಅದರಲ್ಲಿ ಯಾವುದೇ ಖಾಲಿಸ್ಥಾನ ಇದೆ ಎಂಬ ಕಾರಣದಿಂದ ಅಥವಾ ಪ್ರಾಧಿಕಾರದ ರಚನೆಯಲ್ಲಿ ದೋಷವಿದೆ ಎಂಬ ಕಾರಣದಿಂದ ಮಾತ್ರವೇ ಅಸಿಂಧುವಾಗತಕ್ಕದ್ದಲ್ಲ.

**32. ಕಾರ್ಯಸೂಚಿ ವಿಷಯಗಳಿಗೆ ಸಂಬಂಧಿಸಿರುವ ಉಪಬಂಧಗಳು.-** (1) ಯಾವುದೇ ಕಾರ್ಯಸೂಚಿ ವಿಷಯವನ್ನು ಕುಲಾಧಿಪತಿಯವರ ಪೂರ್ವ ಲಿಖಿತ ಅನುಮೋದನೆಯನ್ನು ಪಡೆಯದೇ ಆಡಳಿತ ಮಂಡಳಿಯ ಅಥವಾ ಕಾರ್ಯಕಾರಿ ಪರಿಷತ್ತು ಅಥವಾ ಯಾವುದೇ ಸಮಿತಿಯ ಸಭೆಗಳ ಕಾರ್ಯಸೂಚಿ ವಿಷಯಗಳಲ್ಲಿ ಸೇರಿಸತಕ್ಕದ್ದಲ್ಲ ಅಥವಾ ಚರ್ಚೆಗೆ ತೆಗೆದುಕೊಳ್ಳತಕ್ಕದ್ದಲ್ಲ ಮತ್ತು ತೀರ್ಮಾನಿಸತಕ್ಕದ್ದಲ್ಲ.

(2) ಈ ಅಧಿನಿಯಮದ ಯಾವುದೇ ಉಪಬಂಧಗಳ ಉಲ್ಲಂಘನೆಯ ಸಂದರ್ಭದಲ್ಲಿ, ಕುಲಾಧಿಪತಿಯವರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಪದಾಧಿಕಾರಿ ಅಥವಾ ಸಂಸ್ಥೆಯು ತೆಗೆದುಕೊಂಡ ಎಲ್ಲಾ ತೀರ್ಮಾನಗಳನ್ನು ವಿಪರ್ಯಯಗೊಳಿಸುವ ಮೂಲಕ ಪರಿಹಾರ ಕ್ರಮಗಳನ್ನು ಕೂಡಲೇ ಕೈಗೊಳ್ಳಲು ಹಕ್ಕನ್ನು ಎಲ್ಲಾ ಸಮಯದಲ್ಲಿ ಹೊಂದಿರತಕ್ಕದ್ದು ಮತ್ತು ಅಂಥ ಪರಿಹಾರ ಕ್ರಮದ ಅನುಸರಣೆಯ ಪರಿಣಾಮವಾಗಿ ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳನ್ನು ಉಲ್ಲಂಘಿಸಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪದಾಧಿಕಾರಿ ಅಥವಾ ಸಂಸ್ಥೆಯು ಕೈಗೊಂಡಿದ್ದ ಎಲ್ಲಾ ಅಂಥ ಕ್ರಮಗಳು, ಮೊದಲಿನಿಂದಲೂ ಶೂನ್ಯ ಮತ್ತು ಅಕೃತ ಎಂದು ಭಾವಿಸತಕ್ಕದ್ದು ಹಾಗೂ ತತ್ಪರಿಣಾಮವಾಗಿ, ಉಲ್ಲಂಘಿಸಿರುವ ವಿಷಯ ಅಥವಾ ನಿರ್ಣಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಯಥಾ ಪೂರ್ವ ಸ್ಥಿತಿಯೇ ಚಾಲ್ತಿಯಲ್ಲಿರತಕ್ಕದ್ದು.

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## ಅಧ್ಯಾಯ – V
## ಪರಿನಿಯಮಗಳು ಮತ್ತು ವಿನಿಯಮಗಳು

**33. ಪರಿನಿಯಮಗಳು.-** ಈ ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳಿಗೆ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ನಿಯಮಗಳು ಮತ್ತು ವಿನಿಯಮಗಳಿಗೆ ಹಾಗೂ ಇತರ ನಿಯಂತ್ರಕ ಪ್ರಾಧಿಕಾರಗಳಿಗೊಳಪಟ್ಟು, ಪರಿನಿಯಮಗಳು ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಮತ್ತು ಸಿಬ್ಬಂದಿಗೆ ಸಂಬಂಧಿಸಿದ ಯಾವುದೇ ವಿಷಯಕ್ಕೆ ಈ ಕೆಳಗಿನಂತೆ ಉಪಬಂಧ ಕಲ್ಪಿಸಬಹುದು, ಎಂದರೆ:-

(i) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಾಧಿಕಾರಗಳ ವ್ಯವಹಾರ ನಿರ್ವಹಣೆ, ಕಾರ್ಯವಿಧಾನ ಮತ್ತು ಈ ಅಧಿನಿಯಮದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸದಿರುವ ಸಂಸ್ಥೆಗಳ ಸಂರಚನೆ;

(ii) 52ನೇ ಪ್ರಕರಣಕ್ಕೆ ಒಳಪಟ್ಟು ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿ, ವಿಶ್ವವಿದ್ಯಾಲಯ ದತ್ತಿ ನಿಧಿ, ಸಾಮಾನ್ಯ ನಿಧಿ ಹಾಗೂ ಅಭಿವೃದ್ಧಿ ನಿಧಿಗಳ ನಿರ್ವಹಣೆ;

(iii) ಕುಲಪತಿಗಳು, ಕುಲಸಚಿವರು ಹಾಗೂ ಹಣಕಾಸು ಅಧಿಕಾರಿ ಇವರ ನೇಮಕಾತಿಯ ನಿಬಂಧನೆಗಳು ಹಾಗೂ ಷರತ್ತುಗಳು ಹಾಗೂ ಅವರ ಅಧಿಕಾರಗಳು ಮತ್ತು ಪ್ರಕಾರ್ಯಗಳು;

(iv) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಇತರ ಅಧಿಕಾರಿಗಳ, ಅಧ್ಯಾಪಕರ ಮತ್ತು ನೌಕರರ ನೇಮಕಾತಿ ವಿಧಾನ ಹಾಗೂ ಅವರ ಸೇವಾ ನಿಬಂಧನೆಗಳು ಮತ್ತು ಷರತ್ತುಗಳು;

(v) ವಿಶ್ವವಿದ್ಯಾಲಯ ಹಾಗೂ ಅದರ ಅಧಿಕಾರಿಗಳು, ಬೋಧನಾಂಗದ ಸದಸ್ಯರು, ನೌಕರರು ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿಗಳ ನಡುವೆ ಉಂಟಾದ ವಿವಾದಗಳನ್ನು ಪರಿಹರಿಸುವ ಕಾರ್ಯವಿಧಾನ;

(vi) ವಿಭಾಗಗಳು ಮತ್ತು ಬೋಧನಾಂಗದ ಸೃಜನೆ, ರದ್ದತಿ ಅಥವಾ ಪುನಾರಚನೆ;

(vii) ಇತರ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು ಅಥವಾ ಉನ್ನತ ಕಲಿಕಾ ಸಂಸ್ಥೆಗಳ ಜೊತೆಯಲ್ಲಿ ಸಹಕರಿಸಬೇಕಾದ ರೀತಿ;

(viii) ಗೌರವ ಪದವಿಗಳ ನೀಡಿಕೆಯ ಕಾರ್ಯವಿಧಾನ;

(ix) ಉಚಿತ ಶಿಕ್ಷಣ (ಫ್ರೀಶಿಪ್) ಮತ್ತು ವಿದ್ಯಾರ್ಥಿವೇತನ ಮಂಜೂರಾತಿಗೆ ಸಂಬಂಧಿಸಿದ ಉಪಬಂಧಗಳು;

(x) ವಿವಿಧ ಅಧ್ಯಯನ ಕೋರ್ಸುಗಳ ಸೀಟುಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಕಾರ್ಯನೀತಿಗಳು ಮತ್ತು ಅಂಥ ಅಧ್ಯಯನ ಕೋರ್ಸುಗಳಿಗೆ ವಿದ್ಯಾರ್ಥಿಗಳ ಪ್ರವೇಶಕ್ಕೆ ಕಾರ್ಯವಿಧಾನ;

(xi) ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳ ಅನುಸಾರ ವಿವಿಧ ಅಧ್ಯಯನ ಕೋರ್ಸುಗಳಿಗಾಗಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ವಿಧಿಸಬಹುದಾದ ಶುಲ್ಕಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ಕಾರ್ಯನೀತಿ;

(xii) ಫೆಲೋಶಿಪ್‌ಗಳು, ವಿದ್ಯಾರ್ಥಿವೇತನಗಳು, ಶಿಷ್ಯವೇತನಗಳು, ಉಚಿತ ಶಿಕ್ಷಣ, ಪದಕಗಳು ಹಾಗೂ ಬಹುಮಾನಗಳನ್ನು ಪ್ರಾರಂಭಿಸುವುದು;

(xiii) ಹುದ್ದೆಗಳ ಸೃಜನೆ ಮತ್ತು ರದ್ದತಿಗೆ ಸಂಬಂಧಿಸಿದ ಕಾರ್ಯವಿಧಾನ; ಮತ್ತು

(xiv) ಆಡಳಿತ ಮಂಡಳಿಯು ನಿರ್ಧರಿಸಬಹುದಾದಂಥ ಅಥವಾ ಈ ಅಧಿನಿಯಮದ ಅಡಿಯಲ್ಲಿ ಪರಿನಿಯಮಗಳ ಮೂಲಕ ಉಪಬಂಧ ಕಲ್ಪಿಸಬೇಕಾದಂಥ ಯಾವುದೇ ಇತರ ವಿಷಯಗಳು.

**34. ಪರಿನಿಯಮಗಳ ರಚನಾ ವಿಧಾನ.-** (1) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯು ರಚಿಸಿದ ಮೊದಲ ಪರಿನಿಯಮಗಳನ್ನು ಅನುಮೋದನೆಗಾಗಿ ಆಡಳಿತ ಮಂಡಳಿಗೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(2) ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯು ಸಲ್ಲಿಸಿದ ಮೊದಲ ಪರಿನಿಯಮಗಳನ್ನು ಆಡಳಿತ ಮಂಡಳಿಯು ಪರಿಗಣಿಸತಕ್ಕದ್ದು ಹಾಗೂ ತಾನು ಅವಶ್ಯವೆಂದು ಭಾವಿಸಬಹುದಾದಂಥ ಯಾವುದಾದರು ಮಾರ್ಪಾಡುಗಳು ಇದ್ದಲ್ಲಿ, ಅವುಗಳೊಡನೆ ತನ್ನ ಅನುಮೋದನೆಯನ್ನು ನೀಡತಕ್ಕದ್ದು.

(3) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ಆಡಳಿತ ಮಂಡಳಿಯು ಅನುಮೋದಿಸಿದಂತೆ ಮೊದಲ ಪರಿನಿಯಮಗಳನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಸೂಚನೆಯಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು ಮತ್ತು ತದನಂತರ ಮೊದಲ ಪರಿನಿಯಮಗಳು ಅವು ಪ್ರಕಟಗೊಂಡ ದಿನಾಂಕದಿಂದ ಜಾರಿಗೆ ಬರತಕ್ಕದ್ದು.

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**35. ಪರಿನಿಯಮಗಳ ತಿದ್ದುಪಡಿ ಮಾಡುವ ಅಧಿಕಾರ.-** ಆಡಳಿತ ಮಂಡಳಿಯು ಹೊಸ ಅಥವಾ ಹೆಚ್ಚುವರಿ ಪರಿನಿಯಮಗಳನ್ನು ರಚಿಸಬಹುದು ಅಥವಾ ಪರಿನಿಯಮಗಳ ತಿದ್ದುಪಡಿ ಮಾಡಬಹುದು ಅಥವಾ ಅವನ್ನು ನಿರಸನಗೊಳಿಸಬಹುದು.

**36. ವಿನಿಯಮಗಳು.-** ಈ ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳಿಗೆ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ನಿಯಮಗಳು ಮತ್ತು ವಿನಿಯಮಗಳಿಗೆ ಹಾಗೂ ಇತರ ನಿಯಂತ್ರಕ ಪ್ರಾಧಿಕಾರಗಳಿಗೆ ಒಳಪಟ್ಟು, ಪರಿನಿಯಮಗಳು ಈ ಮುಂದಿನ ಎಲ್ಲಾ ಅಥವಾ ಯಾವುದೇ ವಿಷಯಗಳಿಗೆ ಉಪಬಂಧ ಕಲ್ಪಿಸಬಹುದು, ಎಂದರೆ:-

(i) ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ವಿದ್ಯಾರ್ಥಿಗಳ ಪ್ರವೇಶಾತಿ ಮತ್ತು ಅಂತೆಯೇ ಅವರ ದಾಖಲಾತಿ ಹಾಗೂ ಮುಂದುವರಿಕೆ;

(ii) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಎಲ್ಲಾ ಪದವಿಗಳು ಮತ್ತು ಇತರ ಶೈಕ್ಷಣಿಕ ಗೌರವಗಳಿಗೆ ನಿಗದಿಪಡಿಸತಕ್ಕ ಅಧ್ಯಯನ ಕೋರ್ಸುಗಳು;

(iii) ಪದವಿಗಳ ಮತ್ತು ಇತರ ಶೈಕ್ಷಣಿಕ ಗೌರವಗಳ ಪ್ರದಾನ;

(iv) ಫೆಲೋಶಿಪ್ಗಳು, ವಿದ್ಯಾರ್ಥಿವೇತನಗಳು, ಶಿಷ್ಯವೇತನಗಳು, ಪದಕಗಳು ಮತ್ತು ಬಹುಮಾನಗಳನ್ನು ನೀಡಲು ಷರತ್ತುಗಳು;

(v) ಪರೀಕ್ಷೆಗಳನ್ನು ನಡೆಸುವುದು ಹಾಗೂ ಪರೀಕ್ಷಾ ಸಂಸ್ಥೆಗಳು, ಪರೀಕ್ಷಕರು, ಪರೀಕ್ಷಾ ಮೇಲ್ವಿಚಾರಕರು, ಟ್ಯಾಬುಲೇಟರ್ಗಳು ಮತ್ತು ಮಾಡರೇಟರ್ಗಳ ನೇಮಕಾತಿ ಷರತ್ತುಗಳು ಮತ್ತು ವಿಧಾನ ಹಾಗೂ ಅವರ ಕರ್ತವ್ಯಗಳು;

(vi) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪರೀಕ್ಷೆಗಳಿಗೆ, ಪದವಿಗಳಿಗೆ ಹಾಗೂ ಇತರ ಶೈಕ್ಷಣಿಕ ಗೌರವಗಳಿಗೆ ಪ್ರವೇಶಾತಿಗಾಗಿ ವಿಧಿಸತಕ್ಕ ಶುಲ್ಕ;

(vii) ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಥವಾ ಯಾವುದೇ ಘಟಕ ಕಾಲೇಜಿನಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳ ನಿವಾಸಕ್ಕಾಗಿ ಷರತ್ತುಗಳು;

(viii) ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಥವಾ ಯಾವುದೇ ಘಟಕ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಶಿಸ್ತು ಪಾಲನೆ; ಮತ್ತು

(ix) ಈ ಅಧಿನಿಯಮದ ಅಡಿಯಲ್ಲಿನ ಪರಿನಿಯಮಗಳಲ್ಲಿ ಉಪಬಂಧ ಕಲ್ಪಿಸಬಹುದಾಂಥ ಇತರ ಎಲ್ಲಾ ವಿಷಯಗಳು.

**37. ಶೈಕ್ಷಣಿಕ ವಿನಿಯಮಗಳ ರಚನಾ ವಿಧಾನ.-** ಶೈಕ್ಷಣಿಕ ವಿನಿಯಮಗಳನ್ನು ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತು ರಚಿಸತಕ್ಕದ್ದು ಹಾಗೂ ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯು ಅನುಮೋದಿಸತಕ್ಕದ್ದು.

**38. ವಿನಿಯಮಗಳ ತಿದ್ದುಪಡಿ ಅಧಿಕಾರ.-** ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ಅನುಮೋದನೆಯೊಡನೆ ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತು ಹೊಸ ವಿನಿಯಮಗಳನ್ನು ಅಥವಾ ಹೆಚ್ಚುವರಿ ವಿನಿಯಮಗಳನ್ನು ರಚಿಸಬಹುದು ಅಥವಾ ವಿನಿಯಮಗಳ ತಿದ್ದುಪಡಿ ಮಾಡಬಹುದು ಅಥವಾ ನಿರಸನಗೊಳಿಸಬಹುದು.

**39. ಶುಲ್ಕ ನಿಗದಿ.-** (1) 9ನೇ ಪ್ರಕರಣದ ಪರಂತುಕದ ಅಡಿಯಲ್ಲಿ ರಾಜ್ಯ ಸರ್ಕಾರದ ಅಥವಾ ಕೇಂದ್ರ ಸರ್ಕಾರದ ಅಥವಾ ಅದರ ಏಜೆನ್ಸಿಯು ನಡೆಸುವ ಸಾಮಾನ್ಯ ಪ್ರವೇಶ ಪರೀಕ್ಷೆಯ ಮೂಲಕ ಪ್ರವೇಶಾತಿಗಳನ್ನು ಮಾಡಲಾಗಿರುವ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಎಲ್ಲಾ ಕೋರ್ಸುಗಳಲ್ಲಿ ಶೇಕಡಾ ನಲವತ್ತರಷ್ಟು ಪ್ರವೇಶಾತಿಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಶುಲ್ಕವು ಸರ್ಕಾರ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯವು ಸಮ್ಮತಾಭಿಪ್ರಾಯದ ಒಪ್ಪಂದದ ಅನುಸಾರ ಕರ್ನಾಟಕ ವೃತ್ತಿ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಗಳ (ಪ್ರವೇಶ ನಿಯಂತ್ರಣ ಮತ್ತು ಶುಲ್ಕ ನಿಗದಿ) ಅಧಿನಿಯಮ, 2006ರ (2006ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ 8) ಅನ್ವಯ ಸರ್ಕಾರಿ ಸೀಟುಗಳಿಗಾಗಿ ರಾಜ್ಯ ಸರ್ಕಾರವು ಕಾಲಕಾಲಕ್ಕೆ ನಿಗದಿಪಡಿಸಿದಂತೆ ಇರತಕ್ಕದ್ದು. ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ನೀಡಲಾಗುವ ಇತರ ಎಲ್ಲಾ ತಾಂತ್ರಿಕೇತರ ಕೋರ್ಸುಗಳಲ್ಲಿನ ಶೇಕಡಾ ನಲವತ್ತರಷ್ಟು ಪ್ರವೇಶಾತಿಯ ಸಂಬಂಧದಲ್ಲಿ ಶುಲ್ಕವು ಸರ್ಕಾರಿ ಕಾಲೇಜುಗಳಲ್ಲಿ ಈ ಕೋರ್ಸುಗಳಿಗಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯ ಮತ್ತು ರಾಜ್ಯ ಸರ್ಕಾರದ ನಡುವೆ ಮಾಡಲಾದ ಸಮ್ಮತಾಭಿಪ್ರಾಯ ಒಪ್ಪಂದದ ಮೂಲಕ ನಿಗಧಿಪಡಿಸಿದಂಥ ಶುಲ್ಕಗಳಾಗಿರತಕ್ಕದ್ದು.

(2) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಇತರ ಸೀಟುಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಕರ್ನಾಟಕ ವೃತ್ತಿ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಗಳು (ಪ್ರವೇಶ, ನಿಯಂತ್ರಣ ಮತ್ತು ಶುಲ್ಕ ನಿಗದಿ) ಅಧಿನಿಯಮ, 2006ರ (2006ರ ಕರ್ನಾಟಕ

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ಅಧಿನಿಯಮ 8) 6ನೇ ಪ್ರಕರಣದ ಉಪಬಂಧಗಳ ಅನುಸಾರವಾಗಿ ಉಚ್ಚ ನ್ಯಾಯಾಲಯದ ನಿವೃತ್ತ ನ್ಯಾಯಾಧೀಶರ ಅಧ್ಯಕ್ಷತೆಯ ಅಡಿಯಲ್ಲಿ ರಚಿಸಲಾದ ಶುಲ್ಕ ನಿಯಂತ್ರಣ ಸಮಿತಿಯ ಮೂಲಕ ಶುಲ್ಕವನ್ನು ನಿಗದಿಪಡಿಸತಕ್ಕದ್ದು. ಈ ಪ್ರಕರಣದ ಉದ್ದೇಶಕ್ಕಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಖಾಸಗಿ ಅನುದಾನರಹಿತ ವೃತ್ತಿಪರ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆ ಎಂದು ಭಾವಿಸತಕ್ಕದ್ದು.

(3) ಶುಲ್ಕನಿಯಂತ್ರಣ ಸಮಿತಿಯು ಪ್ರವೇಶಾತಿಗಳಲ್ಲಿ ಮತ್ತು ಶುಲ್ಕ ಸಂಗ್ರಹಣೆಗಳಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಹಾಗೂ ಶಾಸನಬದ್ಧ ಮತ್ತು ನಿಯಂತ್ರಣ ಪ್ರಾಧಿಕಾರಗಳ ಅನುಪಾಲನೆಯನ್ನು ಪರಿಶೀಲಿಸತಕ್ಕದ್ದು.

## ಅಧ್ಯಾಯ - VI
## ಸಂಕೀರ್ಣ

**40. ವಿಶ್ವವಿದ್ಯಾಲಯದ ಜಾಲತಾಣದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಬಹಿರಂಗಪಡಿಸಬೇಕಾದ ಮಾಹಿತಿಗಳ ಪ್ರಕಟಣೆ.-** ಸಂಬಂಧಪಟ್ಟ ರಾಷ್ಟ್ರೀಯ ಅಧಿಮಾನ್ಯತಾ ಸಂಸ್ಥೆಯ ಅಧಿನಿಯಮ, ವಿನಿಯಮಗಳು, ಸಾರ್ವಜನಿಕ ನೋಟೀಸುಗಳು ಮತ್ತು ಇತರ ಸೂಚನೆಗಳನ್ನು ಹಾಗೂ ರಾಜ್ಯ ಸರ್ಕಾರದ ಅಧಿನಿಯಮಗಳು, ನಿಯಮಗಳು, ವಿನಿಯಮಗಳು, ಆದೇಶಗಳು, ಸುತ್ತೋಲೆಗಳು ಮತ್ತು ಸೂಚನೆಗಳನ್ನು ಹಾಗೂ ಆಡಳಿತ ಮಂಡಳಿ, ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿ, ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತು, ಹಣಕಾಸು ಸಮಿತಿಯ ಪ್ರತಿಯೊಂದು ಸಭೆಯ ನಡಾವಳಿಗಳಿಗೆ ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರವು ಸಹಿ ಮಾಡಿದ 48 ಗಂಟೆಗಳೊಳಗೆ ಸದರಿ ನಡಾವಳಿಗಳನ್ನೂ ಸಹ ವಿಶ್ವವಿದ್ಯಾಲಯವು ತನ್ನ ಅಧಿಕೃತ ಜಾಲತಾಣದಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು. ವಿಶ್ವವಿದ್ಯಾಲಯವು ನೀಡುವ ಕಾರ್ಯಕ್ರಮಗಳು/ಕೋರ್ಸುಗಳ ವಿವರಗಳು, ಮಂಜೂರು ಮಾಡಿದ ಪ್ರವೇಶಾತಿ ಪ್ರಮಾಣ, ಪ್ರವೇಶಕ್ಕಾಗಿ ಅರ್ಹತೆ, ಶುಲ್ಕ ರಚನೆ, ಕಾರ್ಯಕ್ರಮವಾರು, ವಿಭಾಗವಾರು, ಖಾಯಂ, ಪೂರಕ ಮತ್ತು ತಾತ್ಕಾಲಿಕ ಬೋಧಕ ವರ್ಗದ ವಿವರಗಳನ್ನೂ ಸಹ ಕಡ್ಡಾಯವಾಗಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಜಾಲತಾಣವನ್ನು ಅಪ್‌ಡೇಟ್ ಮಾಡುತ್ತಿರತಕ್ಕದ್ದು. ವಿಶ್ವವಿದ್ಯಾಲಯದ ವಾರ್ಷಿಕ ವರದಿ ಮತ್ತು ವಾರ್ಷಿಕ ಲೆಕ್ಕಪತ್ರಗಳನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಜಾಲತಾಣದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು. ವಿಶ್ವವಿದ್ಯಾಲಯವು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗಕ್ಕೆ ಪರಿಶೀಲನೆ ಮಾಡುವ ಉದ್ದೇಶಕ್ಕಾಗಿ ಕಳುಹಿಸಲಾದ ಮಾಹಿತಿಯನ್ನು, ವಿಶ್ವವಿದ್ಯಾಲಯವು ಅವುಗಳ ಮಾನದಂಡಗಳು ಮತ್ತು ಪ್ರಮಾಣಕಗಳನ್ನು ದೃಢೀಕರಿಸುವುದಕ್ಕಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗಕ್ಕೆ ಕಳುಹಿಸಿದ ಮಾಹಿತಿಯನ್ನು ಹಾಗೂ ವಿಶ್ವವಿದ್ಯಾಲಯವು ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗಕ್ಕೆ ಸಲ್ಲಿಸಿದ ಅನುಪಾಲನಾ ವರದಿಯನ್ನೂ ಸಹ ತನ್ನ ಜಾಲತಾಣದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು.

**41. ನೌಕರರ ಸೇವಾ ಷರತ್ತುಗಳು.-** (1) ಪರಿನಿಯಮಗಳ ಮತ್ತು ವಿನಿಯಮಗಳ ಮೂಲಕ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದ ಅಥವಾ ನಿಯಮಗಳ ಮೂಲಕ ನಿಯಮಿಸಬಹುದಾದಂಥ ನಿಬಂಧನೆಗಳು ಮತ್ತು ಷರತ್ತುಗಳು, ಯಾವುದಾದರೂ ಇದ್ದಲ್ಲಿ, ಅವುಗಳಿಗೆ ಒಳಪಟ್ಟು ಪ್ರತಿಯೊಬ್ಬ ನೌಕರನು ಲಿಖಿತ ಕರಾರಿನ ಅಡಿಯಲ್ಲಿ ನೇಮಕಗೊಳ್ಳತಕ್ಕದ್ದು ಮತ್ತು ಅದನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ಇಟ್ಟುಕೊಳ್ಳತಕ್ಕದ್ದು ಹಾಗೂ ಅದರ ಪ್ರತಿಯನ್ನು ಸಂಬಂಧಪಟ್ಟ ನೌಕರನಿಗೆ ನೀಡತಕ್ಕದ್ದು.

(2) ನೌಕರರ ವಿರುದ್ಧ ಶಿಸ್ತು ಕ್ರಮವನ್ನು ಪರಿನಿಯಮಗಳಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದ ಕಾರ್ಯವಿಧಾನಗಳ ಮೂಲಕ ನಿಯಂತ್ರಿಸತಕ್ಕದ್ದು.

(3) ಕರಾರಿನಿಂದಾಗಿ ವಿಶ್ವವಿದ್ಯಾಲಯ ಮತ್ತು ನೌಕರನ ಮಧ್ಯದಲ್ಲಿ ಉದ್ಭವಿಸಬಹುದಾದ ಯಾವುದೇ ವಿವಾದವನ್ನು, ಲಿಖಿತ ಕರಾರಿನಲ್ಲಿ ಉಪಬಂಧಿಸಿದ ವಿಧಾನದಲ್ಲಿ ಹಾಗೂ ಪರಿನಿಯಮಗಳ ಅನುಸಾರವಾಗಿ ಮತ್ತು ಅಸ್ತಿತ್ವದಲ್ಲಿರುವ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ವಿನಿಯಮಗಳ ಅನುಸಾರ ಪರಿಹರಿಸತಕ್ಕದ್ದು.

**42. ಮೇಲ್ಮನವಿ ಹಕ್ಕು.-** ವಿಶ್ವವಿದ್ಯಾಲಯವು ತನ್ನ ನೌಕರರ ಅಥವಾ ವಿದ್ಯಾರ್ಥಿಗಳ ವಿರುದ್ಧ ಶಿಸ್ತು ಕ್ರಮ ಕೈಗೊಂಡ ಸಂದರ್ಭದಲ್ಲಿ, ಬಾಧಿತ ನೌಕರ ಅಥವಾ ವಿದ್ಯಾರ್ಥಿಗಳು, ಅಸ್ತಿತ್ವದಲ್ಲಿರುವ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅನುದಾನ ಆಯೋಗದ ವಿನಿಯಮಗಳ ಅನುಸಾರ ಮತ್ತು ಭಾರತ ಸರ್ಕಾರ ಹಾಗೂ ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಂಬಂಧಪಟ್ಟ ನಿಯಮಗಳು ಮತ್ತು

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ವಿನಿಯಮಗಳ ಅನುಸಾರ ಪರಿನಿಯಮಗಳು ನಿರ್ದಿಷ್ಟಪಡಿಸಿದಂಥ ಪ್ರಾಧಿಕಾರಕ್ಕೆ ಮೇಲ್ಮನವಿಯನ್ನು ಸಲ್ಲಿಸುವ ಹಕ್ಕನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು.

**43. ಭವಿಷ್ಯ ಅಥವಾ ನಿವೃತ್ತಿ ವೇತನ ನಿಧಿ.-** ವಿಶ್ವವಿದ್ಯಾಲಯವು, ತನ್ನ ನೌಕರರ ಪ್ರಯೋಜನಕ್ಕಾಗಿ, ಜಾರಿಯಲ್ಲಿರುವ ಪರಿನಿಯಮಗಳು ಮತ್ತು ಕಾನೂನುಗಳ ಮೂಲಕ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ಮತ್ತು ಅಂಥ ಷರತ್ತುಗಳಿಗೊಳಪಟ್ಟು ತಾನು ಸೂಕ್ತವೆಂದು ಭಾವಿಸಬಹುದಾದಂಥ ಭವಿಷ್ಯ ನಿಧಿ ಅಥವಾ ನಿವೃತ್ತಿ ವೇತನ ನಿಧಿಯನ್ನು ರಚಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಅಂಥ ವಿಮಾ ಯೋಜನೆಗಳನ್ನು ಒದಗಿಸತಕ್ಕದ್ದು.

**44. ವಿಶ್ವವಿದ್ಯಾಲಯದ ಪ್ರಾಧಿಕಾರಗಳು ಮತ್ತು ಸಂಸ್ಥೆಗಳ ರಚನೆಗೆ ಸಂಬಂಧಿಸಿದ ವಿವಾದಗಳು.-** ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಪ್ರಾಧಿಕಾರ ಅಥವಾ ಇತರ ಸಂಸ್ಥೆಯ ಸದಸ್ಯನಾಗಿ ಯಾವೊಬ್ಬ ವ್ಯಕ್ತಿಯು ಯುಕ್ತವಾಗಿ ಆಯ್ಕೆಯಾಗಿದ್ದಾನೆಯೇ ಅಥವಾ ನೇಮಕಗೊಂಡಿದ್ದಾನೆಯೇ ಅಥವಾ ಅದಕ್ಕೆ ಅರ್ಹನಾಗಿದ್ದಾನೆಯೇ ಎಂಬ ಯಾವುದೇ ಪ್ರಶ್ನೆ ಉದ್ಭವಿಸಿದರೆ, ಆ ವಿಷಯವನ್ನು ತೀರ್ಮಾನಕ್ಕಾಗಿ ಕುಲಾಧಿಪತಿಯವರಿಗೆ ಕಳುಹಿಸತಕ್ಕದ್ದು.

**45. ಸಮಿತಿಗಳ ರಚನೆ.-** 29ನೇ ಪ್ರಕರಣದಲ್ಲಿ ನಮೂದಿಸಿದ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಇತರ ಪ್ರಾಧಿಕಾರವು ತಾನು ಸೂಕ್ತವೆಂದು ಭಾವಿಸಬಹುದಾದಂಥ ಅಧಿಕಾರವನ್ನು ಹೊಂದಿರುವ ಅಂಥ ಸದಸ್ಯರನ್ನು ಒಳಗೊಂಡ ಅಂಥ ಪ್ರಾಧಿಕಾರದ ಒಂದು ಸಮಿತಿಯನ್ನು ರಚಿಸಲು ಅಧಿಕಾರವನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು.

**46. ಆಕಸ್ಮಿಕವಾಗಿ ಖಾಲಿಯಾದ ಸ್ಥಾನಗಳನ್ನು ತುಂಬುವುದು.-** ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಪ್ರಾಧಿಕಾರ ಅಥವಾ ಸಂಸ್ಥೆಯ ಪದನಿಮಿತ್ತ ಸದಸ್ಯರನ್ನು ಹೊರತುಪಡಿಸಿ, ಸದಸ್ಯರ ಪೈಕಿ ಯಾವುದೇ ಸ್ಥಾನವು ಆಕಸ್ಮಿಕವಾಗಿ ಖಾಲಿಯಾದರೆ, ಯಾರ ಸ್ಥಾನವು ಖಾಲಿಯಾಗಿ ತುಂಬಬೇಕಾಗಿ ಬಂದಿದೆಯೋ ಆ ಸದಸ್ಯನನ್ನು ಯಾವ ರೀತಿಯಲ್ಲಿ ಆರಿಸಲಾಗಿತ್ತೋ ಅದೇ ರೀತಿಯಲ್ಲಿ ಹೊಸ ಸದಸ್ಯನನ್ನು ಆರಿಸಿ ಭರ್ತಿ ಮಾಡತಕ್ಕದ್ದು ಮತ್ತು ಹಾಗೆ ಖಾಲಿ ಸ್ಥಾನವನ್ನು ಭರ್ತಿ ಮಾಡಿದ ವ್ಯಕ್ತಿಯು ಆತನು ಯಾವ ಸದಸ್ಯನ ಸ್ಥಾನದಲ್ಲಿ ಭರ್ತಿಯಾಗಿರುವನೋ ಆ ಸದಸ್ಯನು ಅಂಥ ಪ್ರಾಧಿಕಾರ ಅಥವಾ ಸಂಸ್ಥೆಯ ಸದಸ್ಯನಾಗಿ ಉಳಿಯುತ್ತಿದ್ದ ಬಾಕಿ ಅವಧಿಯವರೆಗೆ ಮಾತ್ರ ಸದಸ್ಯನಾಗಿರತಕ್ಕದ್ದು.

**47. ತಾತ್ಕಾಲಿಕ ಉಪಬಂಧಗಳು.-** ಈ ಅಧಿನಿಯಮ ಮತ್ತು ಪರಿನಿಯಮಗಳ ಯಾವುದೇ ಇತರ ಉಪಬಂಧಗಳಲ್ಲಿ ಏನೇ ಇದ್ದರೂ,-

(i) ಮೊದಲ ಕುಲಪತಿ ಮತ್ತು ಸಹ-ಕುಲಪತಿ ಹುದ್ದೆ ಯಾವುದಾದರೂ ಇದ್ದರೆ, ಅವರನ್ನು ಕುಲಾಧಿಪತಿಯವರು ನೇಮಕಮಾಡತಕ್ಕದ್ದು;

(ii) ಮೊದಲ ಕುಲಸಚಿವರನ್ನು ಮತ್ತು ಮೊದಲ ಹಣಕಾಸು ಅಧಿಕಾರಿಯವರನ್ನು ಕುಲಾಧಿಪತಿಯವರು ನೇಮಕಮಾಡತಕ್ಕದ್ದು; ಮತ್ತು

(iii) ಮೊದಲ ವ್ಯವಸ್ಥಾಪನ ಮಂಡಳಿ, ಮೊದಲ ಹಣಕಾಸು ಸಮಿತಿ, ಮೊದಲ ನಾವಿನ್ಯತೆ ಮತ್ತು ಸಂಶೋಧನಾ ಪರಿಷತ್ತು ಹಾಗೂ ಮೊದಲ ಶೈಕ್ಷಣಿಕ ಪರಿಷತ್ತನ್ನು ಕುಲಾಧಿಪತಿಯವರು ರಚಿಸತಕ್ಕದ್ದು.

**48. ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿ.-** (1) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ ಹಾಗೂ ಸರ್ಕಾರದ ಕಾರ್ಯದರ್ಶಿ ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ ಇವರ ಹೆಸರಿನಲ್ಲಿ ಜಂಟಿಯಾಗಿ ಕನಿಷ್ಠ ಇಪ್ಪತ್ತೈದು ಕೋಟಿ ರೂಪಾಯಿಗಳ ಒಂದು ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿಯನ್ನು ಸ್ಥಾಪಿಸತಕ್ಕದ್ದು ಇದರ ಪೈಕಿ ಕನಿಷ್ಠ ಹದಿನೈದು ಕೋಟಿ ರೂಪಾಯಿಗಳು ನಗದು ರೂಪದಲ್ಲಿ ಮತ್ತು ಇನ್ನುಳಿದದ್ದು ಬ್ಯಾಂಕ್ ಗ್ಯಾರಂಟಿ ರೂಪದಲ್ಲಿ ಇರತಕ್ಕದ್ದು ಮತ್ತು ಇದನ್ನು ತಾನಾಗಿಯೆ ಹೆಚ್ಚಿಸಬಹುದಾಗಿದ್ದು ಆದರೆ ಕಡಿಮೆ ಮಾಡತಕ್ಕದ್ದಲ್ಲ.

(2) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ನಿಯಮಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿಯ ಹಣವನ್ನು ಹೂಡಲು ಅಧಿಕಾರವನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು.

(3) ವಿಶ್ವವಿದ್ಯಾಲಯವು ಸಾಮಾನ್ಯ ನಿಧಿ ಅಥವಾ ಅಭಿವೃದ್ಧಿ ನಿಧಿಯಿಂದ ಯಾವುದೇ ಮೊಬಲಗನ್ನು ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿಗೆ ವರ್ಗಾವಣೆ ಮಾಡಬಹುದು. ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಸಮಾಪನಗೊಳಿಸುವ ಸಂದರ್ಭವನ್ನು ಹೊರತುಪಡಿಸಿ, ಇತರ ಯಾವ

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ಸಂದರ್ಭಗಳಲ್ಲೂ ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿಯಿಂದ ಯಾವುದೇ ಮೊಬಲಗನ್ನೂ ಇತರ ಉದ್ದೇಶಗಳಿಗಾಗಿ ವರ್ಗಾಯಿಸತಕ್ಕದ್ದಲ್ಲ.

(4) ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿಯಿಂದ ಸ್ವೀಕರಿಸಿದ ವರಮಾನದ ಶೇಕಡಾ ಎಪ್ಪತ್ತೈದರಷ್ಟನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಭಿವೃದ್ಧಿ ಅಥವಾ ಸಾಮಾನ್ಯ ಕೆಲಸಗಳ ಉದ್ದೇಶಗಳಿಗಾಗಿ ಬಳಸಿಕೊಳ್ಳತಕ್ಕದ್ದು. ಉಳಿದ ಶೇಕಡಾ ಇಪ್ಪತ್ತೈದರಷ್ಟನ್ನು ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿಯಲ್ಲಿ ಪುನ: ತೊಡಗಿಸತಕ್ಕದ್ದು.

**49. ವಿಶ್ವವಿದ್ಯಾಲಯದ ದತ್ತಿ ನಿಧಿ.-** (1) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯು ನಿರ್ಧರಿಸಬಹುದಾದಂಥ ನಿಧಿಗಳನ್ನು ಒಳಗೊಂಡ ವಿಶ್ವವಿದ್ಯಾಲಯದ ದತ್ತಿ ನಿಧಿಯನ್ನು ಸ್ಥಾಪಿಸತಕ್ಕದ್ದು. ಇದು ಕಾಲಕಾಲಕ್ಕೆ ಸ್ವೀಕರಿಸಬಹುದಾದ ದೇಣಿಗೆಗಳು ಮತ್ತು ಇತರ ನಿಧಿಗಳನ್ನು ಒಳಗೊಂಡಿರಬಹುದು.

(2) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ಪರಿನಿಯಮಗಳ ಮೂಲಕ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದ ವಿಧಾನದಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ದತ್ತಿ ನಿಧಿಯನ್ನು ಹೂಡಿಕೆ ಮಾಡುವ ಅಧಿಕಾರವನ್ನು ಹೊಂದಿರತಕ್ಕದ್ದು.

(3) ವಿಶ್ವವಿದ್ಯಾಲಯ ದತ್ತಿ ನಿಧಿಯು, ವಿಶ್ವವಿದ್ಯಾಲಯವು ತನ್ನ ಸಾಮಾಜಿಕ ಧ್ಯೇಯೋದ್ದೇಶಗಳನ್ನು ನೆರವೇರಿಸುವ ಸಂದರ್ಭದಲ್ಲಿ ಮತ್ತು/ಅಥವಾ ಅನಿರೀಕ್ಷಿತ ಸನ್ನಿವೇಶದಲ್ಲಿ ಉದ್ಭವಿಸಬಹುದಾದ ಹಣಕಾಸು ಸವಾಲುಗಳಿಂದ ತನ್ನನ್ನು ರಕ್ಷಿಸಿಕೊಳ್ಳುವುದಕ್ಕಾಗಿ, ಸ್ವಇಚ್ಛೆಯಿಂದ ನಿರ್ವಹಿಸಿಕೊಂಡು ಬರಲು ಮತ್ತು ಜವಾಬ್ದಾರಿಯಿಂದ ಹಣ ಹೂಡಿಕೆ ಮಾಡಲು ಇಚ್ಛೆಯುಳ್ಳ ಸ್ವಯಂ ವಿಧಿಸಿಕೊಂಡ ನಿಧಿಯಾಗಿರತಕ್ಕದ್ದು.

(4) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ಸಾಮಾನ್ಯ ನಿಧಿ ಅಥವಾ ಅಭಿವೃದ್ಧಿ ನಿಧಿಯಿಂದ ಯಾವುದೇ ಮೊಬಲಗನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ದತ್ತಿ ನಿಧಿಗೆ ವರ್ಗಾಯಿಸಬಹುದು. ವಿಶ್ವವಿದ್ಯಾಲಯದ ವಿಸರ್ಜನೆಗೊಳಿಸುವ ಸಂದರ್ಭವನ್ನು ಹೊರತುಪಡಿಸಿ, ಇತರ ಯಾವ ಸಂದರ್ಭಗಳಲ್ಲೂ ವಿಶ್ವವಿದ್ಯಾಲಯದ ದತ್ತಿ ನಿಧಿಯಿಂದ ಯಾವುದೇ ಮೊಬಲಗನ್ನು ಇತರ ಉದ್ದೇಶಗಳಿಗಾಗಿ ವರ್ಗಾಯಿಸತಕ್ಕದ್ದಲ್ಲ.

(5) ವಿಶ್ವವಿದ್ಯಾಲಯದ ದತ್ತಿ ನಿಧಿಯಿಂದ ಬರುವ ವರಮಾನದ ಶೇಕಡಾ ಎಂಭತ್ತರಷ್ಟನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಭಿವೃದ್ಧಿ ಅಥವಾ ಸಾಮಾನ್ಯ ಕೆಲಸದ ಉದ್ದೇಶಗಳಿಗಾಗಿ ಬಳಸಿಕೊಳ್ಳತಕ್ಕದ್ದು. ಉಳಿದ ಶೇಕಡಾ ಇಪ್ಪತ್ತರಷ್ಟನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ದತ್ತಿ ನಿಧಿಯಲ್ಲಿ ಪುನಃ ತೊಡಗಿಸತಕ್ಕದ್ದು.

**50. ಸಾಮಾನ್ಯ ನಿಧಿ.-** (1) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ಒಂದು ಸಾಮಾನ್ಯ ನಿಧಿಯನ್ನು ಸ್ಥಾಪಿಸತಕ್ಕದ್ದು. ಇದರಲ್ಲಿ ಈ ಮುಂದಿನ ಮೊಬಲಗುಗಳನ್ನು ಜಮಾ ಮಾಡತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ವಿಶ್ವವಿದ್ಯಾಲಯವು ವಿಧಿಸಬಹುದಾದ ಎಲ್ಲಾ ಶುಲ್ಕಗಳು;

(ii) ತತ್ಕಾಲದಲ್ಲಿ ಜಾರಿಯಲ್ಲಿರುವ ಯಾವುದೇ ಕಾನೂನಿನ ಮೂಲಕ ನಿಷೇಧಿಸದೇ ಇರುವ ಯಾವುದೇ ಇತರ ಮೂಲದಿಂದ ಸ್ವೀಕರಿಸಲಾದ ಎಲ್ಲಾ ಮೊತ್ತ;

(iii) ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಮಾಡಿದ ಎಲ್ಲಾ ದೇಣಿಗೆಗಳು;

(iv) ತತ್ಕಾಲದಲ್ಲಿ ಜಾರಿಯಲ್ಲಿರುವ ಯಾವುದೇ ಕಾನೂನಿನ ಮೂಲಕ ನಿಷೇಧಿಸದೇ ಇರುವ ಯಾವೊಬ್ಬ ಇತರ ವ್ಯಕ್ತಿ ಅಥವಾ ಸಂಸ್ಥೆಯು ಈ ಸಂಬಂಧದಲ್ಲಿ ಕೊಟ್ಟ ಎಲ್ಲಾ ದೇಣಿಗೆಗಳು ಅಥವಾ ವಂತಿಗೆಗಳು;

(2) ಸಾಮಾನ್ಯ ನಿಧಿಗೆ ಜಮಾ ಮಾಡುವ ನಿಧಿಗಳನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಎಲ್ಲಾ ಆವರ್ತಕ ವೆಚ್ಚಗಳನ್ನು ಭರಿಸಲು ಉಪಯೋಗಿಸಕೊಳ್ಳತಕ್ಕದ್ದು.

**51. ಅಭಿವೃದ್ಧಿ ನಿಧಿ.-** (1) ವಿಶ್ವವಿದ್ಯಾಲಯವು, ಒಂದು ಅಭಿವೃದ್ಧಿ ನಿಧಿಯನ್ನು ಸ್ಥಾಪಿಸತಕ್ಕದ್ದು. ಇದರಲ್ಲಿ ಈ ಮುಂದಿನ ಮೊಬಲಗುಗಳನ್ನು ಜಮಾ ಮಾಡತಕ್ಕದ್ದು, ಎಂದರೆ:-

(i) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಭಿವೃದ್ಧಿಯ ಉದ್ದೇಶಗಳಿಗಾಗಿ ಯಾವುದೇ ಇತರ ಮೂಲಗಳಿಂದ ಸ್ವೀಕರಿಸಿದ ಎಲ್ಲಾ ಮೊತ್ತಗಳು;

(ii) ವಿಶ್ವವಿದ್ಯಾಲಯವು ನೀಡಿದ ಎಲ್ಲಾ ವಂತಿಗೆಗಳು;

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(iii) ತತ್ಕಾಲದಲ್ಲಿ ಜಾರಿಯಲ್ಲಿರುವ ಯಾವುದೇ ಕಾನೂನಿನ ಮೂಲಕ ನಿಷೇಧಿಸದೇ ಇರುವ ಯಾರೇ ಇತರ ವ್ಯಕ್ತಿ ಅಥವಾ ಸಂಸ್ಥೆಯು ಈ ಸಂಬಂಧದಲ್ಲಿ ಕೊಟ್ಟ ಎಲ್ಲಾ ದೇಣಿಗೆಗಳು ಅಥವಾ ವಂತಿಗೆಗಳು; ಮತ್ತು

(iv) ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿಯಿಂದ ಸ್ವೀಕರಿಸಲಾದ ಎಲ್ಲಾ ವರಮಾನಗಳು.

(2) ಕಾಲಕಾಲಕ್ಕೆ ಅಭಿವೃದ್ಧಿ ನಿಧಿಗೆ ಜಮೆ ಮಾಡಿದ ನಿಧಿಯನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಭಿವೃದ್ಧಿಗಾಗಿ ಉಪಯೋಗಿಸಕೊಳ್ಳತಕ್ಕದ್ದು.

**52. ನಿಧಿಗಳ ನಿರ್ವಹಣೆ.-** 48, 49, 50 ಮತ್ತು 51ನೇ ಪ್ರಕರಣಗಳಡಿಯಲ್ಲಿ ಸ್ಥಾಪಿಸಲಾದ ನಿಧಿಗಳನ್ನು ಆಡಳಿತ ಮಂಡಳಿಯ ಸಾಮಾನ್ಯ ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ನಿಯಂತ್ರಣಕ್ಕೆ ಒಳಪಟ್ಟು ನಿಯಮಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ನಿಯಂತ್ರಿಸತಕ್ಕದ್ದು ಹಾಗೂ ನಿರ್ವಹಿಸತಕ್ಕದ್ದು.

**53. ವಾರ್ಷಿಕ ವರದಿ.-** (1) ವಿಶ್ವವಿದ್ಯಾಲಯದ ವಾರ್ಷಿಕ ವರದಿಯನ್ನು ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ನಿರ್ದೇಶನದಲ್ಲಿ ತಯಾರಿಸತಕ್ಕದ್ದು ಮತ್ತು ಅನುಮೋದನೆಗಾಗಿ ಆಡಳಿತ ಮಂಡಳಿಗೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(2) ಆಡಳಿತ ಮಂಡಳಿಯು ವಾರ್ಷಿಕ ವರದಿಯನ್ನು ತನ್ನ ಸಭೆಯಲ್ಲಿ ಪರ್ಯಾಲೋಚಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಅದನ್ನು ಮಾರ್ಪಾಡುಗಳೊಡನೆ ಅಥವಾ ಮಾರ್ಪಾಡುಗಳಿಲ್ಲದೆ ಅನುಮೋದಿಸಬಹುದು.

(3) ಆಡಳಿತ ಮಂಡಳಿಯು ಯುಕ್ತವಾಗಿ ಅನುಮೋದಿಸಿದ ವಾರ್ಷಿಕ ವರದಿಯ ಒಂದು ಪ್ರತಿಯನ್ನು ಪ್ರತಿ ವರ್ಷದ ಮಾರ್ಚ್ 31ಕ್ಕೆ ಕೊನೆಗೊಳ್ಳುವ ಆರ್ಥಿಕ ವರ್ಷದ ತರುವಾಯ ಬರುವ ಡಿಸೆಂಬರ್ 31ಕ್ಕೆ ಮೊದಲು ಕುಲಾಧ್ಯಕ್ಷರಿಗೆ ಹಾಗೂ ರಾಜ್ಯ ಸರ್ಕಾರಕ್ಕೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು. ವಾರ್ಷಿಕ ವರದಿಯ ಒಂದು ಪ್ರತಿಯನ್ನು ಪ್ರತಿ ವರ್ಷದ ಡಿಸಂಬರ್ 31ನೇ ದಿನಾಂಕಕ್ಕೆ ಮೊದಲು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಜಾಲತಾಣದಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು.

**54. ಲೆಕ್ಕಪತ್ರಗಳು ಮತ್ತು ಲೆಕ್ಕಪರಿಶೋಧನೆ.-** (1) ವಿಶ್ವವಿದ್ಯಾಲಯದ ವಾರ್ಷಿಕ ಲೆಕ್ಕ ಪತ್ರ ಮತ್ತು ಜಮಾ ಖರ್ಚು ಪಟ್ಟಿಯನ್ನು ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯ ನಿರ್ದೇಶನದಲ್ಲಿ ತಯಾರಿಸತಕ್ಕದ್ದು ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಎಲ್ಲಾ ಮೂಲಗಳಿಂದ ಪ್ರಾಪ್ತವಾಗುವ ಅಥವಾ ಸ್ವೀಕರಿಸಲಾಗುವ ಎಲ್ಲಾ ನಿಧಿಗಳು ಹಾಗೂ ವಿತರಿಸಿದ ಅಥವಾ ಸಂದಾಯ ಮಾಡಿದ ಎಲ್ಲಾ ಮೊಬಲಗುಗಳನ್ನು ವಿಶ್ವವಿದ್ಯಾಲಯವು ನಿರ್ವಹಿಸುವ ಲೆಕ್ಕಪತ್ರದಲ್ಲಿ ನಮೂದಿಸತಕ್ಕದ್ದು.

(2) ವಿಶ್ವವಿದ್ಯಾಲಯದ ವಾರ್ಷಿಕ ಲೆಕ್ಕಪತ್ರಗಳನ್ನು ಪ್ರತಿ ವರ್ಷವೂ ಭಾರತದ ಚಾರ್ಟರ್ಡ್ ಅಕೌಂಟೆಂಟ್ಸ್ ಸಂಸ್ಥೆಯ ಸದಸ್ಯರಾಗಿರುವ ಒಬ್ಬ ಲೆಕ್ಕಪರಿಶೋಧಕರಿಂದ ಲೆಕ್ಕಪರಿಶೋಧನೆ ಮಾಡಿಸತಕ್ಕದ್ದು.

(3) ವಾರ್ಷಿಕ ಲೆಕ್ಕಪತ್ರಗಳು ಮತ್ತು ಜಮಾ ಖರ್ಚು ಪಟ್ಟಿಯನ್ನು ಲೆಕ್ಕಪರಿಶೋಧನಾ ವರದಿಯೊಡನೆ, ಪ್ರತಿ ವರ್ಷದ ಮಾರ್ಚ್ 31ಕ್ಕೆ ಕೊನೆಗೊಳ್ಳುವ ಆರ್ಥಿಕ ವರ್ಷದ ತರುವಾಯ ಬರುವ ನವೆಂಬರ್ 30ಕ್ಕೆ ಮೊದಲು ಆಡಳಿತ ಮಂಡಳಿಗೆ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.

(4) ವಾರ್ಷಿಕ ಲೆಕ್ಕಪತ್ರಗಳು, ಜಮಾಖರ್ಚು ಪಟ್ಟಿ ಮತ್ತು ಲೆಕ್ಕಪರಿಶೋಧನಾ ವರದಿಯನ್ನು ಆಡಳಿತ ಮಂಡಳಿಯು ತನ್ನ ಸಭೆಯಲ್ಲಿ ಪರ್ಯಾಲೋಚಿಸತಕ್ಕದ್ದು ಮತ್ತು ಆಡಳಿತ ಮಂಡಳಿಯು ಅದನ್ನು ತನ್ನ ಅಭಿಪ್ರಾಯಗಳೊಡನೆ ಕುಲಾಧ್ಯಕ್ಷರಿಗೆ ಹಾಗೂ ಸರ್ಕಾರಕ್ಕೆ ಪ್ರತಿ ವರ್ಷದ ಡಿಸೆಂಬರ್ 31ರಂದು ಅಥವಾ ಅದಕ್ಕೂ ಮೊದಲು ಕಳುಹಿಸತಕ್ಕದ್ದು.

(5) ಲೆಕ್ಕಪರಿಶೋಧಕರ ವರದಿಯಲ್ಲಿ ಯಾವುದೇ ಮುಖ್ಯ ಬದಲಾವಣೆ ಇದ್ದ ಸಂದರ್ಭದಲ್ಲಿ, ಅವುಗಳನ್ನು ಸರಿಪಡಿಸಲು, ರಾಜ್ಯ ಸರ್ಕಾರವು ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ನಿರ್ದೇಶನಗಳನ್ನು ನೀಡಬಹುದು ಮತ್ತು ಅಂಥ ನಿರ್ದೇಶನಗಳು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೇಲೆ ಬಾಧ್ಯತೆಯುಳ್ಳದ್ದಾಗಿರತಕ್ಕದ್ದು.

(6) ವಾರ್ಷಿಕ ಲೆಕ್ಕಪತ್ರಗಳು ಮತ್ತು ಲೆಕ್ಕಪರಿಶೋಧನಾ ವರದಿಯ ಒಂದು ಪ್ರತಿಯನ್ನು ಪ್ರತಿವರ್ಷ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಜಾಲತಾಣದಲ್ಲಿ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು.

**55. ವಿಶ್ವವಿದ್ಯಾಲಯ ದಾಖಲೆಗಳ ರುಜುವಾತಿನ ವಿಧಾನ.-** ವಿಶ್ವವಿದ್ಯಾಲಯದ ಯಾವುದೇ ಪ್ರಾಧಿಕಾರ ಅಥವಾ ಸಮಿತಿಯ ಯಾವುದೇ ರಶೀದಿ, ಅರ್ಜಿ, ನೋಟೀಸು, ಆದೇಶ, ನಡಾವಳಿ ಅಥವಾ ಗೊತ್ತುವಳಿಯು ಅಥವಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ವಾಧೀನದಲ್ಲಿರುವ ಇತರ ದಸ್ತಾವೇಜುಗಳು ಅಥವಾ ವಿಶ್ವವಿದ್ಯಾಲಯವು ಯುಕ್ತವಾಗಿ ನಿರ್ವಹಿಸುವ ಯಾವುದೇ ರಿಜಿಸ್ಟರ್ನಲ್ಲಿಯ ಯಾವುದೇ ನಮೂದುಗಳ ಪ್ರತಿಯನ್ನು, ಅದರ ಮೇಲೆ ಕುಲಸಚಿವರು ಪ್ರಮಾಣೀಕರಿಸಿದ್ದರೆ, ಅಂಥ ರಶೀದಿ, ಅರ್ಜಿ, ನೋಟೀಸು, ಆದೇಶ, ನಡಾವಳಿ, ಗೊತ್ತುವಳಿ ಅಥವಾ ದಸ್ತಾವೇಜು ಅಥವಾ ರಿಜಿಸ್ಟರ್ನಲ್ಲಿರುವ ನಮೂದನ್ನು ಮೇಲ್ನೋಟದ ಸಾಕ್ಷ್ಯವೆಂಬುದಾಗಿ ಸ್ವೀಕರಿಸತಕ್ಕದ್ದು ಮತ್ತು ವಿಷಯಗಳ ಸಾಕ್ಷಿಯಾಗಿ ಅಂಗೀಕರಿಸತಕ್ಕದ್ದು ಹಾಗೂ ಅದರಲ್ಲಿ ದಾಖಲಿಸಿರುವ ವಿಷಯಗಳು ಮತ್ತು ವಹಿವಾಟುಗಳನ್ನು ಮೂಲ ದಾಖಲೆಗಳನ್ನು ಸಲ್ಲಿಸಿದ್ದರೆ ಹೇಗೋ ಹಾಗೆ, ಅದೇ ರೀತಿಯಲ್ಲಿ ಸಾಕ್ಷ್ಯವಾಗಿ ಅಂಗೀಕರಿಸತಕ್ಕದ್ದು.

**56. ನಿರ್ದೇಶನಗಳನ್ನು ನೀಡಲು ರಾಜ್ಯ ಸರ್ಕಾರದ ಅಧಿಕಾರ.-** ರಾಜ್ಯ ಸರ್ಕಾರವು, ಈ ಅಧಿನಿಯಮದ ಉದ್ದೇಶಗಳನ್ನು ಈಡೇರಿಸುವುದಕ್ಕಾಗಿ ಅಥವಾ ಅದರಲ್ಲಿ ಇರುವ ಯಾವುವೇ ಉಪಬಂಧಗಳನ್ನು ಅಥವಾ ಅದರಡಿಯಲ್ಲಿ ರಚಿಸಿದ ಯಾವುವೇ ನಿಯಮಗಳು ಅಥವಾ ಆದೇಶಗಳನ್ನು ಕಾರ್ಯಗತಗೊಳಿಸುವುದಕ್ಕಾಗಿ ನಿರ್ದೇಶನ ನೀಡುವುದು ಅವಶ್ಯವೆಂದು ಅಥವಾ ಉಚಿತವೆಂದು

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ಅಭಿಪ್ರಾಯಪಟ್ಟಲ್ಲಿ, ಅದು ಅಂಥ ನಿರ್ದೇಶನಗಳನ್ನು ನೀಡಬಹುದು ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತ ಮಂಡಳಿ ಅಥವಾ ಸಂದರ್ಭಾನುಸಾರವಾಗಿ ವ್ಯವಸ್ಥಾಪನಾ ಮಂಡಳಿಯು ಅಂಥ ಪ್ರತಿಯೊಂದು ನಿರ್ದೇಶನವನ್ನು ಪಾಲಿಸತಕ್ಕದ್ದು.

**57. ದಂಡನೆಗಳು.**- (1) ಈ ಅಧಿನಿಯಮದ ಅಥವಾ ಅದರ ಅಡಿಯಲ್ಲಿ ರಚಿತವಾದ ನಿಯಮಗಳು ಉಪಬಂಧಗಳನ್ನು ಅಥವಾ ಯಾವುದೇ ಪರೀಕ್ಷಾ ವಿಷಯಗಳನ್ನು ಅಥವಾ ಪದವಿಗಳನ್ನು ನೀಡುವುದಕ್ಕೆ ಅಥವಾ ಅಂಕಪಟ್ಟಿಗಳನ್ನು ನೀಡುವುದಕ್ಕೆ ಸಂಬಂಧಪಟ್ಟ ವಿಷಯಗಳಲ್ಲಿ ಉಲ್ಲಂಘನೆಗಳನ್ನು ಮಾಡುವ ಯಾವೊಬ್ಬ ವ್ಯಕ್ತಿಯು, ಅಪರಾಧ ನಿರ್ಣಯವಾದ ಮೇಲೆ, ಐವತ್ತು ಸಾವಿರ ರೂಪಾಯಿಗಳಿಗೆ ಕಡಿಮೆಯಲ್ಲದ ಆದರೆ ಹತ್ತು ಲಕ್ಷ ರೂಪಾಯಿಗಳವರೆಗೆ ವಿಸ್ತರಿಸಬಹುದಾದ ಜುಲ್ಮಾನೆಯಿಂದ ಅಥವಾ ಆರು ತಿಂಗಳ ಅವಧಿಗಿಂತ ಕಡಿಮೆಯಲ್ಲದ ಆದರೆ ಎರಡು ವರ್ಷಗಳ ಅವಧಿಯವರೆಗೆ ವಿಸ್ತರಿಸಬಹುದಾದ ಕಾರಾವಾಸದಿಂದ ಅಥವಾ ಅವೆರಡರಿಂದಲೂ ದಂಡಿತನಾಗತಕ್ಕದ್ದು:

ಪರಂತು, ಅಪರಾಧವನ್ನು ಎಸಗುವಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯವೂ ಸಹ ಒಳಗೊಂಡಿರುವಲ್ಲಿ, ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಪ್ರಾರಂಭಿಸಲು ಈ ಅಧಿನಿಯಮದ ಅಡಿಯಲ್ಲಿ ಮಂಜೂರು ಮಾಡಲಾದ ಅನುಮತಿ ಪತ್ರವನ್ನು ಹಿಂತೆಗೆದುಕೊಳ್ಳತಕ್ಕದ್ದು.

(2) ಈ ಪ್ರಕರಣದ ಅಡಿಯಲ್ಲಿನ ದಂಡನೆಯನ್ನು ಇತರ ಯಾವುದೇ ಅಧಿನಿಯಮದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಲಾದ ದಂಡನೆಗೆ ಬಾಧಕವಾಗದಂತೆ ವಿಧಿಸಬಹುದು.

**58. ಪ್ರವೇಶಿಸುವ ಮತ್ತು ಪರಿಶೋಧಿಸುವ ಅಧಿಕಾರ.**- ರಾಜ್ಯ ಸರ್ಕಾರವು ಈ ಬಗ್ಗೆ ಅಧಿಕೃತಗೊಳಿಸಿದ 'ಎ' ಸಮೂಹದ ಅಧಿಕಾರಿ ದರ್ಜೆಗಿಂತ ಕಡಿಮೆಯಿಲ್ಲದ ದರ್ಜೆಯ ಯಾವೊಬ್ಬ ಅಧಿಕಾರಿಯು, ಕರ್ನಾಟಕ ಶೈಕ್ಷಣಿಕ ಸಂಸ್ಥೆಗಳ (ಕ್ಯಾಪಿಟೇಶನ್ ಶುಲ್ಕ ನಿಷೇಧ) ಅಧಿನಿಯಮ, 1984ರ (1984ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ 37) ಅಡಿಯಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಿರಬಹುದಾದಂಥ ಷರತ್ತುಗಳಿಗೆ ಒಳಪಟ್ಟು, ಈ ಅಧಿನಿಯಮದ ಉದ್ದೇಶಗಳಿಗಾಗಿ, ಆ ಅಧಿನಿಯಮದ 9ನೇ ಪ್ರಕರಣದ ಅಡಿಯಲ್ಲಿ ಉಪಬಂಧಿಸಲಾದಂತಹವೇ ಅಧಿಕಾರಗಳನ್ನು ಚಲಾಯಿಸಲು ಮತ್ತು ಪ್ರಕಾರ್ಯಗಳನ್ನು ನೆರವೇರಿಸಲು ಅಧಿಕೃತನಾದ ಅಧಿಕಾರಿ ಎಂಬುದಾಗಿ ಭಾವಿಸತಕ್ಕದ್ದು.

**59. ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಸಮಾಪನಗೊಳಿಸಲು ನಿರ್ದೇಶನವನ್ನು ನೀಡುವ ಅಧಿಕಾರ.** (1) ವಿಶ್ವವಿದ್ಯಾಲಯವು ತನ್ನ ರಚನೆ ಅಥವಾ ನಿಗಮನವನ್ನು ನಿಯಂತ್ರಿಸುವ ಕಾನೂನಿಗೆ ಅನುಸಾರವಾಗಿ ತನ್ನ ಸಮಾಪನವನ್ನು ಉದ್ದೇಶಿಸಿದ್ದಲ್ಲಿ, ಅದು ಲಿಖಿತವಾಗಿ ಕನಿಷ್ಠ ಆರು ತಿಂಗಳ ಪೂರ್ವ ಸೂಚನೆಯನ್ನು ಸರ್ಕಾರಕ್ಕೆ ನೀಡತಕ್ಕದ್ದು.

(2) ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್ತು, ಈ ಕೆಳಗಿನವುಗಳ ಬಗ್ಗೆ, ಎಂದರೆ:-

(i) ಪದವಿಯನ್ನು ನೀಡುವುದಕ್ಕಾಗಿ ಬೋಧನೆಯ ಗುಣಮಟ್ಟ;

(ii) ಶಿಕ್ಷಣದ ಗುಣಮಟ್ಟ;

(iii) ಉನ್ನತ ಶಿಕ್ಷಣದ ವ್ಯಾಪಾರೀಕರಣವನ್ನು ತಡೆಗಟ್ಟುವುದು; ಮತ್ತು

(iv) ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳ ಉಲ್ಲಂಘನೆ, ಯಾವುದಾದರೂ ಇದ್ದಲ್ಲಿ,

- ಇವುಗಳ ಬಗ್ಗೆ ನಿಯತಕಾಲಿಕ ಪರಿವೀಕ್ಷಣೆಯನ್ನು ನಡೆಸತಕ್ಕದ್ದು ಮತ್ತು ಈ ಪರಿಶೀಲನೆಯನ್ನು ನಡೆಸಿದ ನಂತರ ಹತ್ತು ದಿನಗೊಳಗಾಗಿ ಸರ್ಕಾರಕ್ಕೆ ವರದಿಯನ್ನು ಕಳುಹಿಸತಕ್ಕದ್ದು. ಪರಿಶೀಲನಾ ವರದಿಯನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನ ಜಾಲತಾಣದಲ್ಲಿಯೂ ಸಹ ಪ್ರಕಟಿಸತಕ್ಕದ್ದು.

(3) ದುರ್ವ್ಯವಹರಣೆ, ದುರಾಡಳಿತ ಮತ್ತು ಅಶಿಸ್ತು ಕಂಡುಬಂದರೆ, ಸರ್ಕಾರವು, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತ ವರ್ಗದವರಿಗೆ ಆಡಳಿತವನ್ನು ಸರಿಪಡಿಸಬೇಕೆಂದು ನಿರ್ದೇಶನಗಳನ್ನು ನೀಡತಕ್ಕದ್ದು. ನಿಯಮಿಸಬಹುದಾದಂಥ ಅವಧಿಯೊಳಗೆ ಆ ನಿರ್ದೇಶನವನ್ನು ಪಾಲಿಸದಿದ್ದರೆ, ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಅಥವಾ ಅದರ ಯಾವುದೇ ವ್ಯಾಸಂಗ ಕೋರ್ಸನ್ನು ಸಮಾಪನಗೊಳಿಸುವ ಬಗ್ಗೆ ತೀರ್ಮಾನವನ್ನು ಕೈಗೊಳ್ಳುವ ಹಕ್ಕು ಸರ್ಕಾರದಲ್ಲಿ ನಿಹಿತವಾಗಿರತಕ್ಕದ್ದು.

(4) ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಅಥವಾ ಅದರ ಯಾವುದೇ ವ್ಯಾಸಂಗ ಕೋರ್ಸನ್ನು ಸಮಾಪನಗೊಳಿಸುವ ವಿಧಾನವು, ಸರ್ಕಾರವು ಈ ಸಂಬಂಧದಲ್ಲಿ ನಿಯಮಿಸಬಹುದಾದಂತೆ ಇರತಕ್ಕದ್ದು:

ಪರಂತು, ವಿಶ್ವವಿದ್ಯಾಲಯವು ತನ್ನ ಕಾರಣಗಳನ್ನು ಹೇಳಿಕೊಳ್ಳಲು ಯುಕ್ತ ಅವಕಾಶವನ್ನು ನೀಡಿದ ಹೊರತು, ಅಂಥ ಯಾವುದೇ ಕ್ರಮವನ್ನು ಕೈಗೊಳ್ಳತಕ್ಕದ್ದಲ್ಲ.

(5) ಉಪಪ್ರಕರಣ (1)ರಲ್ಲಿ ಉಲ್ಲೇಖಿಸಲಾದ ನೋಟಿಸನ್ನು ಸ್ವೀಕರಿಸಿದ ಮೇಲೆ, ಸರ್ಕಾರವು ಸಂಬಂಧಿಸಿದ ನಿಯಂತ್ರಣಾ ಪ್ರಾಧಿಕಾರದೊಡನೆ ಸಮಾಲೋಚಿಸಿ, ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ವಿಸರ್ಜಿಸಲು ಅಥವಾ ವ್ಯಾಸಂಗ ಕ್ರಮವನ್ನು ಪರಿಸಮಾಪನಗೊಳಿಸಲು ಉದ್ದೇಶಿಸಿದ ದಿನಾಂಕದಿಂದ, ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ನಿಯತ ವ್ಯಾಸಂಗ ಕ್ರಮಗಳಲ್ಲಿ ಅಭ್ಯಾಸ ಮಾಡುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳ ಕೊನೆಯ ತಂಡವು ತನ್ನ ವ್ಯಾಸಂಗ ಕ್ರಮವನ್ನು ಮುಗಿಸುವವರೆಗೆ ಪರಿನಿಯಮಗಳಲ್ಲಿ ನಿಯಮಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತಕ್ಕೆ ಸೂಕ್ತ ವ್ಯವಸ್ಥೆಯನ್ನು ಮಾಡತಕ್ಕದ್ದು.

**60. ಸಮಾಪನೆಯ ಸಂದರ್ಭದಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವೆಚ್ಚಗಳು.**- (1) 61ನೇ ಪ್ರಕರಣದ (5)ನೇ ಉಪಪ್ರಕರಣದ ಅಡಿಯಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತವನ್ನು ಹಸ್ತಾಂತರಗೊಳಿಸುವ ಅವಧಿಯಲ್ಲಿ ಅದರ

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ಆಡಳಿತಾತ್ಮಕ ವೆಚ್ಚಗಳನ್ನು ನಿಯಮಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ಶಾಶ್ವತ ಶಾಸನಬದ್ಧ ದತ್ತಿ ನಿಧಿ, ಸಾಮಾನ್ಯ ನಿಧಿ ಅಥವಾ ಅಭಿವೃದ್ಧಿ ನಿಧಿಯಿಂದ ಭರಿಸತಕ್ಕದ್ದು.

(2) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತವನ್ನು ಹಸ್ತಾಂತರಗೊಳಿಸುವ ಅವಧಿಯಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವೆಚ್ಚವನ್ನು ಭರಿಸಲು 48, 49, 50 ಮತ್ತು 51ನೇ ಪ್ರಕರಣಗಳ ಅಡಿಯಲ್ಲಿ ಉಲ್ಲೇಖಿಸಲಾದ ನಿಧಿಯು ಸಾಕಷ್ಟಿಲ್ಲದ್ದಲ್ಲಿ, ಅಂಥ ವೆಚ್ಚವನ್ನು ಸರ್ಕಾರವು, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸ್ವತ್ತುಗಳು ಅಥವಾ ಆಸ್ತಿಗಳನ್ನು ವಿಲೇ ಮಾಡುವ ಮೂಲಕ ಭರಿಸಬಹುದು.

(3) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸಮಾಪನೆಯು ದುರ್ವ್ಯವಹರಣೆ ಅಥವಾ ದುರಾಡಳಿತದ ಕಾರಣಗಳಿಗಾಗಿ ಆಗಿದ್ದಲ್ಲಿ, ಸರ್ಕಾರವು ಅಂಥ ದುರ್ವ್ಯವಹಾರಕ್ಕೆ ಅಥವಾ ದುರಾಡಳಿತಕ್ಕೆ ಹೊಣೆಯಾಗಿರುವ ವ್ಯಕ್ತಿಗಳನ್ನು ಗುರುತಿಸುವ ಮತ್ತು ಅವರ ಮೇಲೆ ತಾನು ಸೂಕ್ತವೆಂದು ಭಾವಿಸಬಹುದಾದಂಥ ದಂಡನೆಯನ್ನು ವಿಧಿಸಲು ಸ್ವತಂತ್ರವಾಗಿರತಕ್ಕದ್ದು. ಆಡಳಿತಾಧಿಕಾರಿಯನ್ನು ನೇಮಿಸುವ ಅಥವಾ ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಸಮಾಪನಗೊಳಿಸುವ ಅಥವಾ ಆ ಬಗ್ಗೆ ಇತರ ಯಾವುದೇ ಕ್ರಮವನ್ನು ಕೈಗೊಳ್ಳುವ ಹಕ್ಕು ಸರ್ಕಾರದಲ್ಲಿ ನಿಹಿತವಾಗಿರತಕ್ಕದ್ದು.

**61. ಸಾರ್ವಜನಿಕ ಹಿತಾಸಕ್ತಿಯಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯನ್ನು ತಾತ್ಕಾಲಿಕವಾಗಿ ವಶಕ್ಕೆ ತೆಗೆದುಕೊಳ್ಳುವುದು.-** (1) ರಾಜ್ಯದಲ್ಲಿ ತತ್ಕಾಲದಲ್ಲಿ ಜಾರಿಯಲ್ಲಿರುವ ಯಾವುದೇ ಕಾನೂನಿನಲ್ಲಿ ಏನೇ ಒಳಗೊಂಡಿದ್ದರೂ, ಯಾವುದೇ ವಿಶ್ವವಿದ್ಯಾಲಯವು,-

(ಎ) ಪದವಿಯನ್ನು ನೀಡುವುದಕ್ಕಾಗಿ ಬೋಧನೆಯ ಗುಣಮಟ್ಟ;

(ಬಿ) ಶಿಕ್ಷಣದ ಗುಣಮಟ್ಟ;

(ಸಿ) ಉನ್ನತ ಶಿಕ್ಷಣದ ವ್ಯಾಪಾರೀಕರಣವನ್ನು ತಡೆಗಟ್ಟುವುದು; ಅಥವಾ

(ಡಿ) ಅದು ಯಾವುದರ ಅಡಿಯಲ್ಲಿ ಸ್ಥಾಪನೆಯಾಗಿದೆಯೋ ಆ ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳನ್ನು

- ಉಲ್ಲಂಘಿಸಿದೆಯೆಂದು ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್ತಿನ ಪರಿಶೀಲನಾ ವರದಿಯ ಆಧಾರದ ಮೇಲೆ ಕಂಡುಬಂದಲ್ಲಿ, ಸರ್ಕಾರವು ನಿರ್ದೇಶನಗಳನ್ನು ನೀಡಿದ್ದರೂ, ವಿಶ್ವವಿದ್ಯಾಲಯವು ಅದನ್ನು ಪಾಲಿಸಿಲ್ಲವೆಂದು ಮತ್ತು ದುರ್ವ್ಯವಹಾರ, ದುರಾಡಳಿತವನ್ನು ಮುಂದುವರೆಸಿದೆಯೆಂದು ಹಾಗೂ ಅಶಿಸ್ತನ್ನು ಪಾಲಿಸುತ್ತಿದೆಯೆಂದು ರಾಜ್ಯ ಸರ್ಕಾರವು ಅಭಿಪ್ರಾಯಪಟ್ಟರೆ, ಆಗ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯನ್ನು ಸಮಾಪನೆಗೊಳಿಸಲು ನಿರ್ದೇಶಿಸುವುದಕ್ಕೆ ಮುಂಚೆ ಸಾರ್ವಜನಿಕ ಹಿತಾಸಕ್ತಿಯಲ್ಲಿಯಾಗಲೀ ಅಥವಾ ಯಾವುದೇ ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ಕ್ರಮಬದ್ಧವಾದ ವ್ಯವಸ್ಥಾಪನೆಯನ್ನು ಖಾತರಿಪಡಿಸುವ ಸಲುವಾಗಿಯಾಗಲೀ ಯಾವುದೇ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯನ್ನು ವಶಕ್ಕೆ ತೆಗೆದುಕೊಳ್ಳಬೇಕೆಂದು ಸರ್ಕಾರವು ಅಭಿಪ್ರಾಯಪಟ್ಟಲ್ಲಿ, ಅದು, ಕುಲಾಧಿಪತಿಯವರಿಗೆ ಅಥವಾ ಅಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯ ಪ್ರಭಾರದಲ್ಲಿರುವ ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಗೆ ಯಾವುದೇ ಮನವಿಯನ್ನು ಮಾಡಲು ಒಂದು ತಿಂಗಳ ನೋಟೀಸನ್ನು ನೀಡಿದ ತರುವಾಯ, ಅಧಿಸೂಚನೆಯ ಮೂಲಕ, ಅದರಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ದಿನಾಂಕದಂದು ಮತ್ತು ದಿನಾಂಕದಿಂದ ಸದರಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯು ಒಂದು ವರ್ಷದ ಅವಧಿಗಾಗಿ ಸರ್ಕಾರದಲ್ಲಿ ನಿಹಿತಗೊಳ್ಳತಕ್ಕದ್ದೆಂದು ನಿರ್ದೇಶಿಸಬಹುದು:

ಪರಂತು, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕ್ರಮಬದ್ಧ ವ್ಯವಸ್ಥಾಪನೆಯನ್ನು ಖಾತರಿಪಡಿಸಿಕೊಳ್ಳುವ ಸಲುವಾಗಿ ಸದರಿ ಒಂದು ವರ್ಷದ ಅವಧಿಯು ಮುಕ್ತಾಯವಾದ ತರುವಾಯವೂ ಅಂಥ ವ್ಯವಸ್ಥಾಪನೆಯು ಸರ್ಕಾರದಲ್ಲಿ ನಿಹಿತವಾಗಿರುವುದು ಮುಂದುವರೆಯುವುದು ಯುಕ್ತವೆಂದು ಸರ್ಕಾರವು ಅಭಿಪ್ರಾಯಪಟ್ಟಲ್ಲಿ, ತಾನು ಸೂಕ್ತವೆಂದು ಭಾವಿಸಬಹುದಾದಂತೆ ಒಂದು ವರ್ಷಕ್ಕೆ ಮೀರದ ಮತ್ತಷ್ಟು ಅವಧಿಗಾಗಿ ಅಂಥ ವ್ಯವಸ್ಥಾಪನೆಯು ಮುಂದುವರಿಕೆಗಾಗಿ ಅದು ನಿರ್ದೇಶನವನ್ನು ನೀಡಬಹುದು. ಆದಾಗ್ಯೂ, ಅಂಥ ವ್ಯವಸ್ಥಾಪನೆಯು ಸರ್ಕಾರದಲ್ಲಿ ನಿಹಿತವಾಗಿರುವ ಒಟ್ಟು ಅವಧಿಯು ಯಾವುದೇ ಸಂದರ್ಭದಲ್ಲಿ ಎರಡು ವರ್ಷಗಳನ್ನು ಮೀರತಕ್ಕದ್ದಲ್ಲ.

(2) ಉಪಪ್ರಕರಣ (1)ರಲ್ಲಿ ಉಲ್ಲೇಖಿಸಲಾದ ವಿಶ್ವವಿದ್ಯಾಲಯವು, ಎಲ್ಲಾ ಸ್ವತ್ತುಗಳು, ಹಕ್ಕುಗಳು ಮತ್ತು ಗುತ್ತಿಗೆ ಹಿಡುವಳಿಗಳು, ಅಧಿಕಾರಗಳು, ಪ್ರಾಧಿಕಾರಗಳು ಮತ್ತು ವಿಶೇಷ ಅಧಿಕಾರಗಳನ್ನು ಹಾಗೂ ಭೂಮಿಗಳು, ಕಟ್ಟಡಗಳು, ಉಗ್ರಾಣಗಳು, ಸಲಕರಣೆಗಳು ಮತ್ತು ವಾಹನಗಳು, ನಗದು ಬಾಕಿಗಳು, ಕಂದಾಯ ನಿಧಿ, ಹೂಡಿಕೆಗಳು ಮತ್ತು ಪುಸ್ತಕ ಋಣಗಳನ್ನು ಮತ್ತು ಉಪಪ್ರಕರಣ (1)ರ ಅಡಿಯಲ್ಲಿನ ವ್ಯವಸ್ಥಾಪನೆಯನ್ನು ವಶಕ್ಕೆ ತೆಗೆದುಕೊಳ್ಳುವ ದಿನಾಂಕದ ನಿಕಟಪೂರ್ವದಲ್ಲಿ ಅಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯ ಒಡೆತನ, ಸ್ವಾಧೀನ, ಅಧಿಕಾರ ಅಥವಾ ನಿಯಂತ್ರಣದಲ್ಲಿ ಅಂಥ ಸ್ವತ್ತಿನಿಂದ ಉದ್ಭವವಾದ ಎಲ್ಲಾ ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಹಿತಾಸಕ್ತಿಗಳು ಒಳಗೊಂಡಂತೆ ಎಲ್ಲಾ ಚರ ಮತ್ತು ಸ್ಥಿರ ಸ್ವತ್ತುಗಳು ಮತ್ತು ಎಲ್ಲಾ ಲೆಕ್ಕಪುಸ್ತಕಗಳು, ರಿಜಿಸ್ಟರುಗಳು ಮತ್ತು ಅದಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ಯಾವುದೇ ಸ್ವರೂಪದಲ್ಲಿರುವ ಎಲ್ಲಾ ಇತರ ದಸ್ತಾವೇಜುಗಳನ್ನು ಒಳಗೊಳ್ಳುತ್ತದೆ ಎಂದು ಭಾವಿಸತಕ್ಕದ್ದು.

(3) ವಶಕ್ಕೆ ತೆಗೆದುಕೊಳ್ಳುವ ನಿಕಟ ಪೂರ್ವದಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳ ವ್ಯವಸ್ಥಾಪನೆಯು ಯಾರಲ್ಲಿ ನಿಹಿತಗೊಂಡಿತ್ತೋ ಆ ಎಲ್ಲಾ ವ್ಯಕ್ತಿಗಳಲ್ಲಿ, ಮೇಲೆ ಹೇಳಿದ ದಿನಾಂಕದಿಂದ ಹಾಗೆ ನಿಹಿತಗೊಂಡಿರುವುದು

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ನಿಂತುಹೋಗತಕ್ಕದ್ದು ಮತ್ತು ಮೇಲೆ ಹೇಳಿದ ಅಂಥ ದಿನಾಂಕದಂದು ಹಾಗೆ ಅವರು ಪದಗಳನ್ನು ತ್ಯಜಿಸಿದ್ದಾರೆಂದು ಭಾವಿಸತಕ್ಕದ್ದು.

(4) ತತ್ಕಾಲದಲ್ಲಿ ಜಾರಿಯಲ್ಲಿರುವ ಯಾವುದೇ ಇತರ ಕಾನೂನಿನಲ್ಲಿ ಏನೇ ಒಳಗೊಂಡಿದ್ದರೂ, ಉಪಪ್ರಕರಣ (3)ರಲ್ಲಿ ಒಳಗೊಂಡಿರುವ ಉಪಬಂಧಗಳ ಕಾರಣಕ್ಕಾಗಿ ಯಾವುದೇ ಪದವನ್ನು ಹೊಂದಿರುವುದು ನಿಂತುಹೋದ ಯಾವೊಬ್ಬ ವ್ಯಕ್ತಿಯು, ಸಂದರ್ಭಾನುಸಾರವಾಗಿ, ವ್ಯವಸ್ಥಾಪನೆಯ ಕರಾರಿನ ಅಥವಾ ಇತರ ಏರ್ಪಾಡಿನ ಅಥವಾ ಅಕಾಲಿಕ ಮುಕ್ತಾಯಕ್ಕಾಗಿನ ಅಥವಾ ವ್ಯವಸ್ಥಾಪನೆಯ ಅಂತ್ಯಕ್ಕಾಗಿನ ಅಥವಾ ಪದದ ನಷ್ಟಕ್ಕಾಗಿನ ಯಾವುದೇ ಪರಿಹಾರಕ್ಕೆ ಅರ್ಹನಾಗಿರತಕ್ಕದ್ದಲ್ಲ.

(5) ಯಾವುದೇ ನ್ಯಾಯಾಲಯ, ನ್ಯಾಯಾಧಿಕರಣ ಅಥವಾ ಇತರ ಪ್ರಾಧಿಕಾರದ ತೀರ್ಪು, ಡಿಕ್ರಿ ಅಥವಾ ಆದೇಶದಲ್ಲಿ ಅಥವಾ ತತ್ಕಾಲದಲ್ಲಿ ಜಾರಿಯಲ್ಲಿರುವ ಯಾವುದೇ ಇತರ ಕಾನೂನಿನಲ್ಲಿ ಏನೇ ಒಳಗೊಂಡಿದ್ದರೂ, ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಥವಾ ಅದರ ಯಾವುದೇ ಭಾಗದ ಅಥವಾ ಅದಕ್ಕೆ ಹೊಂದಿಕೊಂಡಿರುವ ಯಾವುದೇ ಸ್ಥತ್ತುಗಳು ಯಾರ ಸ್ವಾಧೀನ ಅಥವಾ ಅಭಿರಕ್ಷೆ, ಅಥವಾ ನಿಯಂತ್ರಣದಡಿಯಲ್ಲಿ ನಿಹಿತವಾಗಿದೆಯೋ ಆ ಪ್ರತಿಯೊಬ್ಬ ವ್ಯಕ್ತಿಯು, ಅವುಗಳ, ಸರ್ಕಾರದ ಮತ್ತು ಸರ್ಕಾರದ ಪರವಾಗಿ ಅಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯನ್ನು ಕೈಗೊಳ್ಳುವ ಉದ್ದೇಶಕ್ಕಾಗಿ ಸರ್ಕಾರವು ನೇಮಿಸಿದ ಆಡಳಿತಾಧಿಕಾರಿಗೆ ಅಥವಾ ಆಡಳಿತಾಧಿಕಾರಿಯನ್ನು ನೇಮಿಸದಿದ್ದಾಗ, ಸರ್ಕಾರವು ನಿರ್ದೇಶಿಸಬಹುದಾದಂಥ ಇತರ ವ್ಯಕ್ತಿಗೆ ವರ್ಗಾಯಿಸತಕ್ಕದ್ದು.

(6) ಯಾವುದೇ ಸಂದೇಹದ ನಿವಾರಣೆಗಾಗಿ, ವಶಕ್ಕೆ ತೆಗೆದುಕೊಳ್ಳುವ ಮೊದಲು ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ವ್ಯವಸ್ಥಾಪನೆಯ ಮೂಲಕ ಆದ ಯಾವುದೇ ಹೊಣೆಗಾರಿಕೆಯನ್ನು ಸದರಿ ಆಡಳಿತ ಪರಿಷತ್ತು ಅಥವಾ ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯ ವಿರುದ್ಧ ಜಾರಿಗೊಳಿಸಬೇಕೇ ಹೊರತು, ಸರ್ಕಾರದ ಅಥವಾ ಆಡಳಿತಾಧಿಕಾರಿಯ ವಿರುದ್ಧ ಜಾರಿಗೊಳಿಸತಕ್ಕದ್ದಲ್ಲ.

(7) ಉಪಪ್ರಕರಣ (1)ರ ಅಡಿಯಲ್ಲಿ ಸರ್ಕಾರದಲ್ಲಿ ಅಥವಾ ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ನಿಹಿತಗೊಳಿಸುವ ಸಂಬಂಧದಲ್ಲಿ ಪಾವತಿ ಮಾಡಬೇಕಾದ ಮೊತ್ತವು, ಅದರ ಅಸ್ತಿತ್ವದ ಅವಧಿ ಅಥವಾ ಅಂಥ ನಿಹಿತಗೊಳಿಸುವ ದಿನಾಂಕದ ನಿಕಟ ಪೂರ್ವದ ಐದು ನಿರಂತರ ಲೆಕ್ಕವರ್ಷಗಳ ಅವಧಿ ಇವುಗಳಲ್ಲಿ ಯಾವುದು ಕಡಿಮೆಯೋ ಆ ಅವಧಿಯಲ್ಲಿ ಅಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಸರಾಸರಿ ಒಟ್ಟು ವಾರ್ಷಿಕ ಹೆಚ್ಚಿನ ಆದಾಯಕ್ಕೆ ಸಮನಾದ ಒಂದು ಮೊತ್ತವಾಗಿರತಕ್ಕದ್ದು:

ಪರಂತು, ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ಸ್ಥಾಪಿಸಿದ ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಗಳು ಅಥವಾ ಆಡಳಿತ ಪರಿಷತ್ತು ಅಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯವನ್ನು ನಡೆಸುವುದಕ್ಕೆ ಅವಕಾಶವನ್ನು ಕಲ್ಪಿಸಿದಲ್ಲಿ ಅಂಥ ಮೊತ್ತವನ್ನು ಪಾವತಿಸತಕ್ಕದ್ದಲ್ಲ.

(8) ಉಪಪ್ರಕರಣ (7)ರ ಅಡಿಯಲ್ಲಿ ಪಾವತಿ ಮಾಡಬೇಕಾದ ಮೊತ್ತವನ್ನು, ಈ ಅಧಿನಿಯಮದ ಅಡಿಯಲ್ಲಿ ರಚಿಸಲಾದ ನಿಯಮಗಳಿಗೆ ಒಳಪಟ್ಟು, ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ಆಸಕ್ತಿಯುಳ್ಳ ವ್ಯಕ್ತಿಗೆ ನಿಯಮಿಸಬಹುದಾದಂಥ ವಿಧಾನದಲ್ಲಿ ಮತ್ತು ಅಂಥ ಸಮಯದಲ್ಲಿ, ಸರ್ಕಾರವು ಪಾವತಿ ಮಾಡತಕ್ಕದ್ದು.

**62. ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯನ್ನು ಬಿಟ್ಟುಕೊಡುವುದು.**- (1) 61ನೇ ಪ್ರಕರಣದ (1)ನೇ ಉಪಪ್ರಕರಣದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ಅವಧಿಯ ಮುಕ್ತಾಯದ ತರುವಾಯ, ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯು, ಯಾವುದೇ ನ್ಯಾಯಾಲಯದ ಆದೇಶವು ಏನಾದರೂ ಇದ್ದಲ್ಲಿ, ಅದಕ್ಕನುಸಾರವಾಗಿ ನಿಹಿತವಾಗತಕ್ಕದ್ದು ಮತ್ತು ಅಂಥ ಆದೇಶವು ಇಲ್ಲದಿದ್ದಲ್ಲಿ, ಸಂದರ್ಭಾನುಸಾರವಾಗಿ ಅಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತ ಪರಿಷತ್ತು ಅಥವಾ ವ್ಯವಸ್ಥಾಪನಾ ಸಮಿತಿ ಅಥವಾ ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯಲ್ಲಿ (ಯಾವುದೇ ಹೆಸರಿನಿಂದ ಕರೆದಿರಲಿ) ಅಥವಾ ಅದಕ್ಕೆ ಅರ್ಹರಾಗಿರುವ ಅಂಥ ಇತರ ನಿಕಾಯ ಅಥವಾ ವ್ಯಕ್ತಿಯಲ್ಲಿ ನಿಹಿತವಾಗತಕ್ಕದ್ದು.

(2) 61ನೇ ಪ್ರಕರಣದ (1)ನೇ ಉಪಪ್ರಕರಣದಲ್ಲಿ ಉಲ್ಲೇಖಿಸಲಾದ ಅವಧಿಯ ಮುಕ್ತಾಯಕ್ಕೆ ಪೂರ್ವದ ಯಾವುದೇ ಸಮಯದಲ್ಲಿ, ಸರ್ಕಾರದಲ್ಲಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯ ನಿಹಿತದ ಉದ್ದೇಶವು ಈಡೇರಿದೆ ಎಂದು ಅಥವಾ ಯಾವುದೇ ಇತರ ಕಾರಣಕ್ಕಾಗಿ ಅಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯು ಸರ್ಕಾರದಲ್ಲಿ ನಿಹಿತಗೊಂಡು ಉಳಿಯತಕ್ಕ ಅವಶ್ಯಕತೆ ಇಲ್ಲವೆಂದು ಸರ್ಕಾರಕ್ಕೆ ಕಂಡುಬಂದಲ್ಲಿ, ಅದು ಸರ್ಕಾರಿ ರಾಜ್ಯ ಪತ್ರದಲ್ಲಿ ಆದೇಶವನ್ನು ಪ್ರಕಟಿಸುವ ಮೂಲಕ, ಆದೇಶದಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಬಹುದಾದಂಥ ದಿನಾಂಕದಿಂದ ಜಾರಿಗೆ ಬರುವಂತೆ ಅಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯನ್ನು ಬಿಟ್ಟುಕೊಡಬಹುದು.

(3) ಉಪಪ್ರಕರಣ (1)ರ ಅಡಿಯಲ್ಲಿ ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ದಿನಾಂಕದಂದು ಮತ್ತು ಆ ದಿನಾಂಕದಿಂದ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯವಸ್ಥಾಪನೆಯು, ಯಾವುದೇ ನ್ಯಾಯಾಲಯದ ಆದೇಶವು, ಯಾವುದಾದರೂ ಇದ್ದಲ್ಲಿ, ಅದಕ್ಕನುಸಾರವಾಗಿ ವರ್ಗಾವಣೆಯಾಗತಕ್ಕದ್ದು ಮತ್ತು ಅಂಥ ಆದೇಶವು ಇಲ್ಲದಿದ್ದಲ್ಲಿ, ಸಂದರ್ಭಾನುಸಾರವಾಗಿ ಅಂಥ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆಡಳಿತ ಪರಿಷತ್ತು ಅಥವಾ ವ್ಯವಸ್ಥಾಪನಾ ಸಮಿತಿ ಅಥವಾ ಪ್ರಾಯೋಜಕ ಸಂಸ್ಥೆಯಲ್ಲಿ (ಯಾವುದೇ ಹೆಸರಿನಿಂದ ಕರೆದಿರಲಿ) ಅಥವಾ ಅದಕ್ಕೆ ಅರ್ಹರಾಗಿರುವ ಅಂಥ ಇತರ ನಿಕಾಯ ಅಥವಾ ವ್ಯಕ್ತಿಯಲ್ಲಿ ನಿಹಿತವಾಗತಕ್ಕದ್ದು.

**63. ಈ ಅಧಿನಿಯಮದ ಅಡಿಯಲ್ಲಿ ಅಧಿಕಾರಗಳನ್ನು ಚಲಾಯಿಸುವ ಅಧಿಕಾರಿ ಅಥವಾ ಇತರ ವ್ಯಕ್ತಿಗೆ ತೊಂದರೆಯುಂಟು ಮಾಡಿರುವುದಕ್ಕಾಗಿ ದಂಡನೆ.**- ಈ ಅಧಿನಿಯಮದ ಮೂಲಕ ಅಥವಾ ಅದರ ಅಡಿಯಲ್ಲಿ ಒಬ್ಬ ಅಧಿಕಾರಿಗೆ ಪ್ರದತ್ತವಾದ ಯಾವುದೇ ಅಧಿಕಾರವನ್ನು ಚಲಾಯಿಸುವಲ್ಲಿ ಅಥವಾ ಆತನಿಗೆ

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ವಹಿಸಿದ ಯಾವುದೇ ಪ್ರಕಾರ್ಯವನ್ನು ನಿರ್ವಹಿಸುವಲ್ಲಿ ಅಡ್ಡಿಪಡಿಸುವ ಯಾವನೇ ವ್ಯಕ್ತಿಯು ಅಥವಾ ಅಂಥ ಅಧಿಕಾರವನ್ನು ಚಲಾಯಿಸುವಲ್ಲಿ ಅಥವಾ ಅಂಥ ಪ್ರಕಾರ್ಯವನ್ನು ನಿರ್ವಹಿಸುವಲ್ಲಿ ಅಂಥ ಅಧಿಕಾರಿಗೆ ಕಾನೂನು ಬದ್ಧವಾಗಿ ನೆರವಾಗುವ ಯಾವುದೇ ಇತರ ವ್ಯಕ್ತಿಯು ಅಥವಾ ಅಂಥ ಅಧಿಕಾರಿ ಅಥವಾ ವ್ಯಕ್ತಿಯು ಮಾಡಿದ ಯಾವುದೇ ಕಾನೂನುಬದ್ಧ ನಿರ್ದೇಶನವನ್ನು ಪಾಲಿಸುವಲ್ಲಿ ವಿಫಲನಾದ ಯಾವೊಬ್ಬ ವ್ಯಕ್ತಿಯು ಒಂದು ಲಕ್ಷ ರೂಪಾಯಿಗಳವರೆಗೆ ವಿಸ್ತರಿಸಬಹುದಾದ ಜುಲ್ಮಾನೆಯೊಂದಿಗೆ ದಂಡಿತನಾಗತಕ್ಕದ್ದು.

**64. ಅಪರಾಧಗಳ ದುಷ್ಪ್ರೇರಣೆಗಾಗಿ ದಂಡನೆ.-** ಈ ಅಧಿನಿಯಮದ ಅಡಿಯಲ್ಲಿ ದಂಡನೀಯವಾದ ಯಾವುದೇ ಅಪರಾಧ ಕೃತ್ಯ ಮಾಡುವುದಕ್ಕೆ ಪ್ರಚೋದಿಸಿದ ಅಥವಾ ದುಷ್ಪ್ರೇರಿಸಿದ ಯಾರೇ ವ್ಯಕ್ತಿಯು ಅಪರಾಧ ನಿರ್ಣೀತನಾದಲ್ಲಿ, ಅಪರಾಧಕ್ಕಾಗಿ ಉಪಬಂಧಿಸಲಾದ ದಂಡನೆಯಿಂದ ದಂಡಿತನಾಗತಕ್ಕದ್ದು.

**65. ಕಂಪನಿಗಳಿಂದ ಅಪರಾಧಗಳು:-** (1) ಈ ಅಧಿನಿಯಮದ ಅಥವಾ ಅದರ ಅಡಿಯಲ್ಲಿ ಮಾಡಲಾದ ಯಾವುದೇ ನಿಯಮದ ಉಪಬಂಧಗಳ ಅಡಿಯಲ್ಲಿ ಅಪರಾಧವನ್ನು ಮಾಡುವ ವ್ಯಕ್ತಿಯು ಒಂದು ಕಂಪನಿಯಾಗಿದ್ದರೆ, ಅಪರಾಧವು ನಡೆದ ಕಾಲದಲ್ಲಿ ಆ ಕಂಪನಿಯ ವ್ಯವಹರಣೆಗಳ ನಿರ್ವಹಣೆಗಾಗಿ ಕಂಪನಿಯ ಪ್ರಭಾರದಲ್ಲಿದ್ದ ಮತ್ತು ಅದಕ್ಕೆ ಜವಾಬ್ದಾರನಾಗಿದ್ದ ಪ್ರತಿಯೊಬ್ಬ ವ್ಯಕ್ತಿಯನ್ನು ಮತ್ತು ಕಂಪನಿಯನ್ನು ಆ ಅಪರಾಧದ ದೋಷಿಯೆಂದು ಭಾವಿಸತಕ್ಕದ್ದು ಮತ್ತು ತದನುಸಾರವಾಗಿ ಅವನು ತನ್ನ ವಿರುದ್ಧದ ವ್ಯವಹರಣೆಗೆ ಮತ್ತು ದಂಡನೆಗೆ ಗುರಿಯಾಗತಕ್ಕದ್ದು:

ಪರಂತು, ಈ ಉಪಪ್ರಕರಣದಲ್ಲಿ ಒಳಗೊಂಡಿರುವುದು ಯಾವುದೂ, ಅಂಥ ಅಪರಾಧವು ತನ್ನ ತಿಳಿವಳಿಕೆಗೆ ಬಾರದೆ ನಡೆಯಿತೆಂದು ಅಥವಾ ಅಂಥ ಅಪರಾಧವನ್ನು ತಡೆಗಟ್ಟಲು ತಾನು ಯುಕ್ತ ಜಾಗರೂಕತೆಯನ್ನು ವಹಿಸಿದ್ದನೆಂದು ಅಂಥ ಯಾರೇ ವ್ಯಕ್ತಿಯು ರುಜುವಾತುಪಡಿಸಿದರೆ, ಯಾವುದೇ ದಂಡನೆಗೆ ಅಂಥ ವ್ಯಕ್ತಿಯನ್ನು ಗುರಿಯಾಗುವಂತೆ ಮಾಡತಕ್ಕದ್ದಲ್ಲ.

(2) ಉಪಪ್ರಕರಣ (1)ರಲ್ಲಿ ಏನೇ ಒಳಗೊಂಡಿದ್ದರೂ, ಈ ಅಧಿನಿಯಮದ ಅಡಿಯಲ್ಲಿ ದಂಡನೀಯವಾದ ಒಂದು ಅಪರಾಧವನ್ನು ಕಂಪನಿಯು ಮಾಡಿರುವಲ್ಲಿ ಮತ್ತು ಆ ಅಪರಾಧವು ಕಂಪನಿಯ ಯಾವೊಬ್ಬ ನಿರ್ದೇಶಕ, ವ್ಯವಸ್ಥಾಪಕ, ಕಾರ್ಯದರ್ಶಿ ಅಥವಾ ಇತರ ಅಧಿಕಾರಿಯ ಸಮ್ಮತಿಯಿಂದ ಅಥವಾ ಪರೋಕ್ಷ ಸಮ್ಮತಿಯಿಂದ ಅಥವಾ ಅವನ ಕಡೆಯಿಂದಾದ ಯಾವುದೇ ನಿರ್ಲಕ್ಷ್ಯದ ಕಾರಣದಿಂದ ಅಪರಾಧವು ಸಂಭವಿಸಿತೆಂದು ಹೇಳಬಹುದಾಗಿದ್ದರೆ, ಅಂಥ ನಿರ್ದೇಶಕ, ವ್ಯವಸ್ಥಾಪಕ, ಕಾರ್ಯದರ್ಶಿ ಅಥವಾ ಇತರ ಅಧಿಕಾರಿಯನ್ನು ಸಹ ಆ ಅಪರಾಧದ ದೋಷಿಯೆಂದು ಭಾವಿಸತಕ್ಕದ್ದು ಮತ್ತು ತದನುಸಾರವಾಗಿ ಅವನು ತನ್ನ ವಿರುದ್ಧದ ವ್ಯವಹರಣೆಗೆ ಮತ್ತು ದಂಡನೆಗೆ ಗುರಿಯಾಗತಕ್ಕದ್ದು.

**ವಿವರಣೆ:-** ಈ ಪ್ರಕರಣದ ಉದ್ದೇಶಗಳಿಗಾಗಿ,-

(ಎ) "ಕಂಪನಿ, ಟ್ರಸ್ಟ್, ಫರ್ಮ್, ಸೊಸೈಟಿ" ಎಂದರೆ, ಅನುಕ್ರಮವಾಗಿ ಕಂಪನಿಗಳ ಅಧಿನಿಯಮ, 1956 (1956ರ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ 1)ರಲ್ಲಿ ಪರಿಭಾಷಿಸಿದ ಕಂಪನಿ, ಭಾರತೀಯ ನ್ಯಾಸ ಅಧಿನಿಯಮ, 1882 (1882ರ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ 2)ರಲ್ಲಿ ಪರಿಭಾಷಿಸಿದ ಟ್ರಸ್ಟ್, ಭಾರತೀಯ ಪಾಲುದಾರಿಕೆ ಅಧಿನಿಯಮ, 1932 (1932ರ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ 9)ರಲ್ಲಿ ಪರಿಭಾಷಿಸಿದ ಫರ್ಮ್, ಕರ್ನಾಟಕ ಸೊಸೈಟಿಗಳ ನೋಂದಣಿ ಅಧಿನಿಯಮ, 1960 (1960ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ 17)ರಲ್ಲಿ ಪರಿಭಾಷಿಸಿದ ಸೊಸೈಟಿ ಅಥವಾ ಇತರ ವ್ಯಕ್ತಿಗಳ ಸಂಘವನ್ನು ಒಳಗೊಳ್ಳುತ್ತದೆ; ಮತ್ತು

(ಬಿ) ``ನಿರ್ದೇಶಕ'' ಎಂದರೆ :-

(i) ಕಂಪನಿಯ ಸಂಬಂಧದಲ್ಲಿ ಕಂಪನಿಗಳ ಅಧಿನಿಯಮ, 1956ರ 2ನೇ ಪ್ರಕರಣದ (13)ನೇ ಉಪಪ್ರಕರಣದಲ್ಲಿ ಪರಿಭಾಷಿಸಿದಂಥ ನಿರ್ದೇಶಕ ಮತ್ತು ಪಾಲುದಾರ ಎಂದರೆ ಫರ್ಮಿನ ಪಾಲುದಾರ;

(ii) ಸೊಸೈಟಿ, ಟ್ರಸ್ಟ್ ಅಥವಾ ಇತರ ವ್ಯಕ್ತಿಗಳ ಸಂಘದ ಸಂದರ್ಭದಲ್ಲಿ, ಸಂದರ್ಭಾನುಸಾರವಾಗಿ ಸೊಸೈಟಿ, ಟ್ರಸ್ಟ್ ಅಥವಾ ಇತರ ಸಂಘದ ಅಧಿನಿಯಮ ಅಥವಾ ನಿಯಮಗಳ ಸಂಬಂಧಪಟ್ಟ ಉಪಬಂಧಗಳ ಅಡಿಯಲ್ಲಿ ವ್ಯವಹಾರಗಳ ನಿರ್ವಹಣೆಯನ್ನು ಹೊಂದಿರುವ ಸೊಸೈಟಿ, ಟ್ರಸ್ಟ್ ಅಥವಾ ಇತರ ಸಂಘದ ಜವಾಬ್ದಾರಿಯನ್ನು ವಹಿಸಿಕೊಂಡಿರುವ ವ್ಯಕ್ತಿ.

**66. ತೊಂದರೆಗಳ ನಿವಾರಣೆಗೆ ಅಧಿಕಾರ.-** (1) ಈ ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳನ್ನು ಜಾರಿಗೊಳಿಸುವ ಸಂಬಂಧದಲ್ಲಿ ಯಾವುದೇ ತೊಂದರೆ ಉದ್ಭವಿಸಿದರೆ, ರಾಜ್ಯ ಸರ್ಕಾರವು, ಅಧಿಸೂಚನೆಯ ಅಥವಾ ಆದೇಶದ ಮೂಲಕ ತೊಂದರೆಯ ನಿವಾರಣೆಗಾಗಿ ಅಗತ್ಯ ಅಥವಾ ವಿಹಿತವೆಂದು ತನಗೆ ಕಂಡುಬರುವಂಥ ಮತ್ತು ಈ ಅಧಿನಿಯಮದ ಉಪಬಂಧಗಳಿಗೆ ಅಸಂಗತವಲ್ಲದ ಉಪಬಂಧಗಳನ್ನು ರಚಿಸಬಹುದು:

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ಪರಂತು, ಈ ಅಧಿನಿಯಮವು ಪ್ರಾರಂಭವಾದ ದಿನಾಂಕದಿಂದ ಐದು ವರ್ಷಗಳ ಅವಧಿಯು ಮುಕ್ತಾಯವಾದ ತರುವಾಯ ಈ ಪ್ರಕರಣದ ಅಡಿಯಲ್ಲಿ ಯಾವುದೇ ಅಧಿಸೂಚನೆ ಅಥವಾ ಆದೇಶವನ್ನು ಹೊರಡಿಸತಕ್ಕದ್ದಲ್ಲ.

(2) ಉಪಪ್ರಕರಣ (1)ರ ಅಡಿಯಲ್ಲಿ ಮಾಡಿದ ಪ್ರತಿಯೊಂದು ಆದೇಶವನ್ನು ಅದನ್ನು ಮಾಡಿದ ತರುವಾಯ, ಆದಷ್ಟು ಬೇಗನೆ ರಾಜ್ಯ ವಿಧಾನ ಮಂಡಲದ ಮುಂದೆ ಮಂಡಿಸತಕ್ಕದ್ದು.

**67. ರಾಜ್ಯ ಸರ್ಕಾರದ ನಿಯಮಗಳ ರಚನಾಧಿಕಾರ.-** (1) ರಾಜ್ಯ ಸರ್ಕಾರವು, ಈ ಅಧಿನಿಯಮದ ಉದ್ದೇಶಗಳನ್ನು ಈಡೇರಿಸುವುದಕ್ಕಾಗಿ ಅಧಿಸೂಚನೆಯ ಮೂಲಕ ನಿಯಮಗಳನ್ನು ರಚಿಸಬಹುದು.

(2) ಈ ಅಧಿನಿಯಮದ ಅಡಿಯಲ್ಲಿ ರಚಿಸಿದ ಪ್ರತಿಯೊಂದು ನಿಯಮವನ್ನು, ಅದನ್ನು ರಚಿಸಿದ ತರುವಾಯ, ಆದಷ್ಟು ಬೇಗನೆ, ರಾಜ್ಯ ವಿಧಾನಮಂಡಲದ ಪ್ರತಿಯೊಂದು ಸದನದ ಮುಂದೆ, ಒಂದು ಅಧಿವೇಶನ ಅಥವಾ ಎರಡು ಅಥವಾ ಹೆಚ್ಚು ನಿರಂತರ ಅಧಿವೇಶನಗಳಲ್ಲಿ ಅಡಕವಾಗಬಹುದಾದ ಒಟ್ಟು ಮೂವತ್ತು ದಿನಗಳ ಅವಧಿಯವರೆಗೆ ಅದು ಅಧಿವೇಶನದಲ್ಲಿರುವಾಗ ಮಂಡಿಸತಕ್ಕದ್ದು ಮತ್ತು ಮೇಲೆ ಹೇಳಿದ ಅಧಿವೇಶನ ಅಥವಾ ನಿರಂತರ ಅಧಿವೇಶನಗಳ ನಿಕಟ ತರುವಾಯದ ಅಧಿವೇಶನವು ಮುಕ್ತಾಯವಾಗುವುದಕ್ಕೆ ಮೊದಲು ಉಭಯ ಸದನಗಳು ಆ ನಿಯಮದಲ್ಲಿ ಯಾವುದೇ ಮಾರ್ಪಾಡು ಮಾಡಲು ಒಪ್ಪಿದರೆ ಅಥವಾ ಆ ನಿಯಮವನ್ನು ರಚಿಸತಕ್ಕದ್ದಲ್ಲವೆಂದು ಉಭಯ ಸದನಗಳು ಒಪ್ಪಿದರೆ ತದನಂತರ ಅಂಥ ನಿಯಮವು ಹಾಗೆ ಮಾರ್ಪಾಟಾದ ರೀತಿಯಲ್ಲಿ ಪರಿಣಾಮಕಾರಿಯಾಗತಕ್ಕದ್ದು ಅಥವಾ ಸಂದರ್ಭಾನುಸಾರವಾಗಿ ಪರಿಣಾಮಕಾರಿಯಾಗತಕ್ಕದ್ದಲ್ಲ. ಆದಾಗ್ಯೂ, ಯಾವುದೇ ಅಂಥ ಮಾರ್ಪಾಡು ಅಥವಾ ರದ್ದತಿಯು ಆ ನಿಯಮದ ಅಡಿಯಲ್ಲಿ ಈ ಮೊದಲು ಮಾಡಲಾದ ಯಾವುದೇ ಕಾರ್ಯದ ಮಾನ್ಯತೆಗೆ ಬಾಧಕವನ್ನುಂಟು ಮಾಡತಕ್ಕದ್ದಲ್ಲ.

ಕರ್ನಾಟಕ ರಾಜ್ಯಪಾಲರ ಆದೇಶಾನುಸಾರ
ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ,

**ಜಿ. ಶ್ರೀಧರ್**
ಸರ್ಕಾರದ ಕಾರ್ಯದರ್ಶಿ
ಸಂಸದೀಯ ವ್ಯವಹಾರಗಳು ಮತ್ತು
ಶಾಸನ ರಚನೆ ಇಲಾಖೆ.

**ಸಂಸದೀಯ ವ್ಯವಹಾರಗಳು ಮತ್ತು ಶಾಸನ ರಚನೆ ಸಚಿವಾಲಯ**
**ಅಧಿಸೂಚನೆ**
**ಸಂಖ್ಯೆ: ಸಂವ್ಯಶಾಇ 39 ಶಾಸನ 2022, ದಿನಾಂಕ: 16.03.2023**

ಜಿ. ಎಮ್ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ, 2022 ಇದಕ್ಕೆ 2023ರ ಮಾರ್ಚ್ ತಿಂಗಳ 13 ನೇ ದಿನಾಂಕದಂದು ರಾಜ್ಯಪಾಲರ ಒಪ್ಪಿಗೆ ದೊರತಿದ್ದು, ಸಾಮಾನ್ಯ ತಿಳುವಳಿಕೆಗಾಗಿ ಇದನ್ನು 2023 ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ:19 ಎಂಬುದಾಗಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಪತ್ರದ ವಿಶೇಷ ಸಂಚಿಕೆಯಲ್ಲಿ (ಭಾಗ IV) ಪ್ರಕಟಿಸಬೇಕೆಂದು ಆದೇಶಿಸಲಾಗಿದೆ.

**KARNATAKA ACT NO. 19 OF 2023**

(First Published in the Karnataka Gazette Extra-ordinary on the 16th day of March 2023)

**THE G.M UNIVERSITY ACT, 2022**

(Received the assent of the Governor on the 13th day of March 2023)

An Act to establish and incorporate in the State of Karnataka a University of unitary in nature in private sector by the Srishyla Educational Trust (R), Davanagere to promote and undertake the advancement of applied University education in Pure Sciences, all branches of Engineering, Arts, Management, Commerce, Social Sciences and Humanities Programmes and for the matters connected therewith or incidental thereto.

Whereas it is expedient to establish and incorporate in the State of Karnataka a University of unitary in nature in private sector by the Srishyla Educational Trust (R),

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Davanagere to promote and undertake the advancement of applied University Education in Pure Sciences, all branches of Engineering, Arts, Management, Commerce, Social Sciences and Humanities Programmes and for the matters connected therewith or incidental thereto for the purposes hereinafter appearing.

Be it enacted by the Karnataka State Legislature in the seventy third year of the Republic of India as follows:-

**CHAPTER-I**
**PRELIMINARY**

**1. Short title, extent and commencement.** – (1) This Act may be called the G.M University Act, 2022.

(2) It extends to the whole of the State of Karnataka.

(3) It shall come into force on such date as the Government may, by notification, in the official Gazette, appoint.

**2. Definitions.** – In this Act, unless the context otherwise requires,-

(a) "Academic Council" means the Academic Council of the University as specified in section 26;

(b) "Agenda Matters" means all the matters and business to be designated in the Statutes each of which can be either included in the Agenda or be taken up for discussion and decision at a meeting of the Board of Governors or the Board of Management or any Committees or other authorities as the case may be, only subject to the prior written approval of the Chancellor, consenting to the passing of such matters and business at such a meeting;

(c) "Board of Governors" means the Board of Governors of the University as specified in section 24;

(d) "Board of Management" means the Board of Management of the University as specified in section 25;

(e) "Chancellor", "Vice-Chancellor", "Pro Vice-Chancellor" means respectively the Chancellor, Vice Chancellor and Pro Vice Chancellor of the University;

(f) "Campus" means a campus established, maintained by the University, situated within the State;

(g) "Committees" means the committees formed under this Act or by the various functionaries of the University as the case may be and includes the Nomination Committee, the Finance Committee and such other committees;

(h) "Constituent College" means a college or institution established and maintained by the University;

(i) "Finance Committee" means the Finance Committee of the University as specified in section 28;

(j) "Government" means the Government of Karnataka;

(k) "National Regulatory Bodies" means a body established by the Central Government for laying down norms and conditions for ensuring academic standards of higher education, such as University Grants Commission, All India Council of Technical Education and includes the Government;

(l) "Prescribed" means prescribed by rules made by the Government under this Act;

(m) "Principal in relation to a Constituent College" means the head of the Constituent College and includes, where there is no Principal or in the absence of the Principal appointed, the Vice-Principal or any other person for the time being appointed to act as Principal;

(n) "Private University" means a University duly established through a state Act by a sponsoring body viz. a Society registered under the Societies Registration Act 1860, or any other corresponding law for the time being in force in a State of a Public Trust or company register under section 25 of the Companies Act, 1956;

(o) "Registrar" means the Registrar of the University;

(p) "Regional Centre" means a centre established or maintained by the University for the purpose of coordinating and supervising the work of Study Centres in

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any region within the State and for performing such other functions as may be conferred on such centre by the Board of Management;

(q) "Sponsoring Authority" or "Sponsoring Body" in relation to this Act means the trust;

(r) "State" means the State of Karnataka;

(s) "Statutes" and "Regulations" means respectively, the Statutes and Regulations of the University made under this Act;

(t) "Study Centre" means a centre within the State established and maintained by the University for the purpose of advising, counseling or for rendering any other assistance required by the students in the context of education;

(u) "Teacher" means and includes a Professor, Associate Professor, Assistant Professor, appointed as per University Grants Commission or All India Council of Technical Education regulations drawing salary as per pay scale of University Grants Commission or All India Council of Technical Education norms as applicable or such other person as maybe appointed for imparting instruction as per University Grants Commission or All India Council of Technical Education norms and drawing salary as per pay scale of University Grants Commission or All India Council of Technical Education norms as applicable or conducting or to guide research in the University or in a constituent college and includes the Principal of constituentcollege inconformity with the norms Specified by the University Grants Commission;

(v) "Trust" means the Srishyla Educational Trust (R), Davanagere;

(w) "University" means " the G.M University";

(x) "University Grants Commission" means the Commission established under section 4 of the University Grants Commission Act, 1956 (Central Act 3 of 1956);and

(y) "Visitor" means the visitor of the University as specified in section 12.

## CHAPTER-II
## THE UNIVERSITY AND SPONSORING BODY

**3. Proposal for the establishment of the University.-** (1) The trust shall have the right to establish the University of unitary in nature subject to and in accordance with the provisions of this Act.

(2) The proposal to establish a University shall be made to the Government by the Trust.

(3) The proposal shall contain the following particulars, namely:-

(i) the objects of the University along with the details of the trust;

(ii) the extent and status of the University and the availability of land and land shall be in the name of the trust;

(iii) the nature and type of programmes of study and research to be undertaken by the University during a period of five academic years immediately following the commencement date;

(iv) the nature of faculties, courses of study and research proposed to be started;

(v) the campus development such as buildings, equipment and structural amenities;

(vi) the phased outlays of capital expenditure for a period of five academic years immediately following the commencement date;

(vii) the item-wise recurring expenditure, sources of finance and estimated expenditure for each student;

(viii) the scheme for mobilizing resources and the cost of capital thereto and the manner of repayments to each source;

(ix) the scheme of generation of funds internally through the recovery of fee from students, revenues anticipated from consultancy and other

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activities relating to the objects of the University and other anticipated incomes;

(x) the details of expenditure on unit cost, the extent of concessions or rebates in fee, freeship and scholarship for students belonging to economically weaker sections and the fee structure indicating varying rate of fee, if any, that would be levied on students who are either non resident Indians or persons of Indian origin or sponsored by non resident Indians or person of Indian origin and students of nationalities other than India.

(xi) the years of experience and expertise in the concerned discipline at the command of the trust as well as the financial resources;

(xii) the system for selection of students to the courses of study at the University; and

(xiii) status of fulfillment of such other conditions as may be required by the Government under this Act to be fulfilled before the establishment of the University.

(4) A Screening Committee shall be constituted by the Government consisting of three members who are Ex-officio members of Karnataka State Higher Education Council to examine the proposals received from the trust, which shall make recommendations to the Government for the establishment of the University.

**4.Establishment of the University.-** (1) Where the Government, after considering the recommendations of the Screening Committee and holding such inquiry as it may deem necessary, is satisfied that,-

(i) the trust has ability to run an University with sufficient infrastructure,

(ii) is the sole owner of land to the extent of twenty acres;

(iii) land in the name of trust to the extent specified below in accordance with its location, namely:-

(a) The Land shall be in single block or two blocks only including whole area in the limits of Bruhat Bengaluru Mahanagara Palike as well as Bengaluru metropolitan Region Development Authority;

(b) It shall be in single block or two blocks within the limits of Mysuru, Mangaluru, Hubballi-Dharwad, Belagavi, Kalaburagi, Tumakuru, Ballari, Shivamogga, Davangere and Vijayapura Municipal Corporation and related planning areas.

(c) Single block or two blocks in the Places other than the places specified in clause (a) and (b):

Provided that, the university shall fulfill all other conditions specified in Government Order No. ED/449/URC/2016, dated: 24.01.2017 with amendments.

(iv) Adequate financial resources for creating the specified Statutory Funds and conducting the University affairs; and

(v) Experience or expertise in running higher Education Institutions.

Based on the furnished particulars required in sub-section (3) of section 3, the Government may direct the Trust to establish the permanent Statutory Endowment Fund as specified in section 48.

(2) After the establishment of the Permanent Statutory Endowment Fund, the Government may, by notification, in the official Gazette, accord sanction for establishment of the University of Unitary in nature in the State by the name of the G. M University.

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(3) The headquarters of the University shall be at Karur Village, Kasaba Hobli, Davanagere District. The University shall have Campuses or Regional Centres, Study Centres anywhere in Karnataka after five years of establishment of the University subject to the prior permission of the University Grants Commission and then the Government.

(4) The First Chancellor, the First Vice- Chancellor, the First Pro-Vice Chancellor, the First members of the Board of Governors, First members of the Board of Management and the Academic Council and all persons who may hereafter become such officers or members, so long as they continue to hold such office or membership, shall constitute a body corporate and can sue and be sued in the name of the University.

(5) On sanction for the establishment of the University under sub-section (2), the land and other movable and immovable properties acquired, created, arranged or built by the trust for the purpose of the University shall vest in the University.

(6) In all suits and other legal proceedings by or against the University, the pleading shall be signed and verified by, and all processes in such suits and proceedings shall be issued to and be served on the Registrar.

(7) The land, building and other properties of the University shall not be used for any purpose other than incidental to the objects of the University.

(8) The University shall fulfill the minimum criteria in terms of programmes, faculty, infrastructural facilities, financial viability, etc., as laid down from time to time by University Grants Commission and other concerned statutory bodies such as the All India Council for Technical Education (AICTE).

(9) The courses of studies prescribed for a first degree and/or the post-graduate degree or diploma programmes shall have been formally approved by the respective academic bodies of the university, such as Board of Studies, Academic council and Governing or Executive Council and Board of Governors.

(10) The programmes of study leading to a degree and/or a post-graduate degree or diploma offered by the University shall conform to the relevant regulations or as per University Grants Commission or the concerned statutory body as amended from time to time.

(11) The university shall provide all the relevant information relating to the first degree and post graduate degree or diploma programme(s) including the curriculum structure, contents, teaching and learning process, examination and evaluation system and the eligibility criteria for admission of students, to the University Grants Commission on a proforma prescribed by the University Grants Commission prior to starting of these programmes and the same shall also be published in the University website as mandatory disclosure and a copy of it shall also be submitted to the Government.

(12) The University Grants Commission on detailed examination of the information made available as well as the representations and grievances received by it from the students as well as concerned public relating to the deficiencies of the proposed programmes not conforming to various University Grants Commission Regulations, shall inform the concerned University about any shortcomings in respect of conformity to relevant regulations, for rectification. The University shall offer the programmes only after necessary rectification. The University shall inform immediately about such reports from University Grants Commission to the Government and also about the action taken report on such rectifications recommended by the University Grants Commission.

(13) The admission procedure and fixation of fees shall be in accordance with the norms/guidelines prescribed by the University Grants Commission and other concerned statutory bodies and the Government. As a part of mandatory disclosure the University shall disclose the number of seats sanctioned for each

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programme, intake and detailed fee structure on its website for information of all stakeholders.

(14) The University Grants Commission and the Government may cause periodic inspection of the University and its off-campus centres, study centres, off-shore campuses etc., offering its programmes. For this purpose, the University Grants Commission and the Government may call for all relevant information from the university, as provided in the University Grants Commission (Returns of Information by Universities) Rules, 1979 as amended from time to time.

(15) After inspection and assessment of the University providing first degree and/or post graduate degree or diploma courses, the University Grants Commission may indicate to the university any deficiency and non-conformity with the relevant University Grants Commission Regulations and give it reasonable opportunity to rectify the same. If the Commission is satisfied that the private university has, even after getting an opportunity to do so, failed to comply with the provisions of any of the Regulations, the Commission may pass an order prohibiting the private university from offering any course for the award of the first degree and / or the post – graduate degree or diploma, as the case may be, till the deficiency is rectified. The University shall communicate the directions given to them by University Grants Commissions within fifteen days to the Government.

(16) The University Grants Commission may take necessary action against the university awarding a first degree and / or a post-graduate degree or diploma which are not specified by the University Grants Commission and also for the institution of which prior approval of the Government, which are not specified by the University Grants Commission, and inform the public in general through a public notification. The university continuing such programmes and awarding unspecified degrees shall be liable for penalty under section 24 of the University Grants Commission Act, 1956 (Central Act 03 of 1956).

**5. Grants and Financial Assistance.-** The University shall be self- financing and shall neither make a demand nor shall be entitled to any maintenance grant-in-aid or any other financial assistance from the State or any other body or corporation owned or controlled by the State:

**6. Power to establish constituent College, additional campuses, Regional Centres or Study Centres.-** The University may have Constituent Colleges, Regional Centres, additional campuses and Study Centres at such places in the State as it deems fit after the completion of five years after its establishment with prior approval and subject to the prior permission of the University Grants Commission and then the Government.

**7. Objects of the University.-** The University shall employ a broad range of strategies to achieve its vision and objectives the University Grants Commission,-

(i) to provide instruction, teaching, training, research, consultancy and development in various disciplines in areas such Pure Sciences, all branches of Engineering, Arts, Management, Commerce, Social Sciences and Humanities Programmes including other allied fields of development and make provisions for research, advancement and dissemination of knowledge on these fields;

(ii) to design and deliver high quality training, capacity building and development systems for teachers in higher and professional education, administrators and professionals working in Government, Public and Private Sectors and development professionals in other systems;

(iii) to develop resource centres to contribute to quality education;

(iv) to establish Campuses and have study centres, Constituent Colleges and Regional Centres at various locations in Karnataka after a period of five years

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and to contribute and develop an understanding of educational changes in Technical and professional education and social and human development as per norms of the University Grants Commission with prior approval of the University Grants Commission subject to the prior permission of the University Grants Commission and then the Government.

(v) to institute degrees, diplomas, certificates and other academic distinctions like award of credits on the basis of successful completion of academic work evaluated through multiple methods of assessment;

(vi) to collaborate with any other universities, research institutions, non-profit organizations, industry association, professional, associations or other organizations, to conceptualize, design, develop and offer specific educational and research programmes, training programmes and exchange programmes for students, faculty members and others;

(vii) to disseminate knowledge and develop a public debate on issues of education and allied development fields through seminars, conferences, executive education programmes, community development programmes, publications and training programmes and events;

(viii) to undertake programmes for development and training of faculty and researchers of the University in partnership with any other institutions of quality with prior approval of the Government;

(ix) to undertake collaborative research and advocacy with any organizations with prior approval of the Government;

(x) to undertake necessary or expedient action to pursue and promote the objectives of the University; and

(xi) to pursue any objectives as may be approved by the Government for the enhancement of the education and other development sectors.

**8. Powers of the University.-** The University shall have the following powers, namely:-

(i) to establish and maintain Campuses, Regional centers and Study Centers in Karnataka as may be determined by the University from time to time in the manner laid down by the Statutes subject to the prior permission the University Grants Commission and then the Government;

(ii) to carry out all such other activities as may be necessary or feasible in furtherance of the object of the University,

(iii) to confer degrees or other academic distinctions in the manner and under conditions laid down in the Statutes;

(iv) to institute and award fellowships, scholarships and prizes, awards, medals etc., in accordance with the Statutes;

(v) to demand and receive such fees bills, invoices and collect charges as may be fixed by this Act, Statutes or Rules;

(vi) to make provisions for extracurricular activities for students and employees;

(vii) to make appointments of the Faculty, officers and employees of the University or a Constituent College, Campuses, Regional Centres and Study Centres;

(viii) to receive voluntary donations and gifts of any kind not prohibited by any Law for the time being in force and to acquire, hold, manage, maintain and dispose of any movable or immovable property, including trust and endowment properties for the purpose of the University or a Constituent College or a Campus, Regional Centres and Study Centres;

(ix) to institute and maintain hostels and to recognize places of residence for students of the University or a Constituent College;

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(x) to supervise and control the residence and to regulate the discipline among the students and all categories of employees and to lay down the conditions of service of such employees, including the Code of Conduct for the students and employees;

(xi) to create academic, administrative and support staff and other necessary posts;

(xii) to co-operate and collaborate with other Universities in such a manner and for such purposes as the University may determine from time to time.

(xiii) to organize and conduct refresher courses, orientation courses, workshops, seminars and other programmes for teachers, lesson writers, evaluators and other academic staff;

(xiv) to determine standards of admission to the University or a Constituent College, Regional Centres, Study Centres with the approval of Academic Council and to make admission of students of Karnataka not less than the extent provided in this Act;

(xv) to do all such other acts or things whether incidental to the powers aforesaid or not, as may be necessary to further the objects of the University;

(xvi) to institute Degrees, Diplomas, Certificates and other academic distinctions with the prior approval of the Government and the concerned statutory authorities on the basis of regular or online examination or online evaluation or any other method of evaluation approved by the University Grants Commission and then the Government;

(xvii) to provide for the preparation of instructional materials, including films, cassettes, tapes, video cassettes, CD, VCD, Pen Drives and other software and other relevant electronic and print media;

(xviii) to raise, collect, subscribe and borrow money with the approval of the Board of Governors whether on the security of the property of the University, for the purposes of the University;

(xix) to acquire and takeover and run the management of any other educational institutions with the prior approval of the Government:

(xx) to acquire properties with the prior approval of the Board of Management; and

(xxi) to undertake any other activities connected with or incidental to above objectives of the University.

(xxii) Mandatory skill Development courses shall be conducted by the University.

**9. University open to all classes, Castes, creed, gender or nation.**-The University admissions shall be open to all persons irrespective of caste, class, creed, gender or nation. The criteria for admission programme wise and the detailed notification of the time line for admission and the available intake programme wise along with the prescribed fees including a break up of fees shall be notified as a part of mandatory disclosure on the University's website:

Provided that, forty percent of the admissions in all courses of the university shall be reserved for the students of Karnataka State and admissions shall be done as below,-

(i) for Technical and professional Courses admission shall be done on the basis of the merit list through a Common Entrance Test conducted by the Central Government or Government or its agency, as the case may be or through any method as specified by the Government from time to time;

(ii) in case of all non-technical courses the admission shall be done on the basis of the merit list prepared on the basis of marks obtained in the respective qualifying exams or through any method as specified by the Government from time to time:

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Provided further that, seats in the above cases in this section shall be allotted as per merit and reservation policy of the Government framed from time to time.

**10. Powers of the Sponsoring Body.-** The Sponsoring Body shall have the following powers with reference to the University, each of which may be exercised by the Sponsoring Body at its discretion, namely:-

(i) to appoint or re-appoint or terminate the appointment of the Chancellor;
(ii) to constitute the first Board of Governors of the University;
(iii) to nominate the chairperson of the Board of Governors;
(iv) to nominate three persons as members of the Board of Governors;
(v) to nominate two persons as members of the Board of Management;
(vi) to determine the source of funds to be contributed to the University Endowment Fund;
(vii) to determine the application and spending of monies by the University; and
(viii) to resolve any conflict at the meeting of the Board of Governors in the manner provided for in this Act.

## CHAPTER - III
## OFFICERS OF THE UNIVERSITY

**11. Officers of the University.-** The following shall be the officers of the University, namely:-

(i) The Visitor;
(ii) The Pro-visitor;
(iii) The Chancellor:
(iv) The Pro-Chancellor;
(v) The Vice-Chancellor;
(vi) The Pro Vice-Chancellor;
(vii) Deans of faculties;
(viii) The Registrar;
(ix) The Finance Officer; and
(x) Such other officers as may be declared by the Statutes to be officers of the University.

**12. The Visitor.-** (1) His Excellency the Governor of Karnataka shall be the Visitor of the University and the visitor may offer suggestions for the improvement of the functioning of the University.

(2) The Visitor shall preside at the convocation of the University for conferring degrees and diplomas.

(3) The Visitor shall have the following powers, namely:-

(xii) to call for any paper or information relating to the affairs of the University; and

(xiii) on the basis of the information received by the Visitor and if they are is satisfied that any order, proceedings or decision taken by any authority of the University is not in conformity with the Act, Regulations, or Rules, he may issue such directions as they may deem fit in the interest of the University and the directions so issued shall be complied with by all the concerned.

**13. The Pro-Visitor.-** (1) The Hon'ble Minister for Higher Education, Government of Karnataka shall be the Pro-Visitor of the University.

(2) The Pro-Visitor shall, when the Visitor is absent, preside at the Convocation of the University for conferring degrees and diplomas.

**14. The Chancellor.-** (1) The Chancellor shall be appointed by the Sponsoring Body.

(2) A nominee of the Sponsoring Body shall be the first Chancellor, who shall hold for life or till he demits office.

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(3) The subsequent Chancellor shall be a Managing Committee Member of the Sponsoring Body.

(4) The Sponsoring Body may appoint Pro-Chancellor.

(5) The subsequent, Chancellor so appointed shall hold the office as determined by the Sponsoring Body.

(6) The Chancellor shall have such powers as may be conferred on him by this Act or the Statutes made there under, which shall include the following powers, namely:-

(i)to function as the head of the University;

(ii) to preside at all convocations of the University in absence of visitor and pro-visitor;

(iii) to function as a Chairperson of the Board of Governors of the University;

(iv) to appoint or re-appoint or terminate the appointment of the Vice-Chancellor, in accordance with the provisions of this Act and the Statutes;

(v) to propose the appointment of the Pro Vice-Chancellor, the Dean, the Registrar and the Finance Officer;

(vi) to appoint the first Pro Vice-Chancellor and the Finance Officer;

(vii) to constitute the first Board of Management, the Finance Committee, the Research Council and the Academic Council;

(viii) to approve the Agenda matters in the manner provided for in the Act; and

(ix) to resolve a conflict (excluding conflicts at a meeting of the Board of Governors) in the manner provided in this Act.

(7) In the event of there being a conflict inter-se between the functionary or body and any other functionary or body of the University, then the issue shall be referred to the Chancellor and the decision of the Chancellor in respect of such issue shall be final and binding on the University.

**15. The Pro-Chancellor.-** (1) The Pro-Chancellor shall be appointed by the Sponsoring Body for a term of not exceeding four years prescribed by the Sponsoring Body subject to other terms and conditions as may be laid down in the statutes.

(2) The Pro-Chancellor shall exercise all powers of the Chancellor in his absence and shall be assigned any additional duties with prior written Approval of the Chancellor.

(3) The Pro-Chancellor shall chair all the Committees, meetings and convocations in the absence of the Chancellor.

**16. The Vice-Chancellor.-** (1) The Vice- Chancellor shall be appointed by the Chancellor for a term of four years subject to other terms and conditions as may be laid down by the Statutes from among three persons recommended by the Nomination Committee constituted in accordance with the provisions of sub- section (2). The vice-chancellor shall not continue in office after the age of sixty seven years.

Provided that, a Vice-Chancellor shall continue to hold the office even after expiry of his term till new Vice- Chancellor joins. However, in any case this period shall not exceed one year.

(2)The Nomination Committee referred to in sub-section (1), shall consist of the following persons, namely:-

(i) One person nominated by the Sponsoring Body, who shall be the convener of the nomination committee;

(ii) One person nominated by the Governing body; and

(iii) One person nominated by the Academic Council.

(3) The Nomination Committee shall, on the basis of merit, recommend three persons suitable to hold the office of the Vice-Chancellor and forward the same to the Chancellor along with a concise statement showing the academic qualifications and other distinctions of each person.

(4) The Vice-Chancellor shall be the Principal Executive and Academic Officer of the University and shall exercise general supervision and control over the affairs of the University and give effect to the decisions of the authorities of the University.

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Provided that, where any matter, other than the appointment of a Teacher is of urgent nature requiring immediate action and the same could not be immediately dealt with by any officer or the authority or other body of the University empowered by or under this Act to deal with it, the Vice-Chancellor may take such action as he may deem fit with the prior written approval of the Chancellor.

(5) The Vice- Chancellor shall exercise such other powers and perform such other duties as may be laid down by the Statutes or the Rules:

Provided that, where in the opinion of the Vice-chancellor, any decision of any authority of the university is outside the powers conferred by this Act or Statutes, Regulations or Rules made there under or is likely to be prejudicial to the interests of the university, he shall request the concerned authority to revise its decision within fifteen days from the date of its decision and in case the authority refuses to revise such decision wholly or partly or fails to take any decision within fifteen days, then such matter shall be referred to the Chancellor and his decision thereon shall be final.

(6) The services of the Vice- Chancellor can be terminated by the Chancellor with the approval of the Board of Governors after following the principles of natural justice and after providing an opportunity to present their case including, for termination on, disciplinary grounds.

(7) The Vice-Chancellor shall preside at the Convocation of the University in the absence of the Visitor, the Pro-Visitor, the Chancellor and the Pro-Chancellor.

**17. The Pro Vice-Chancellor.-** The Vice-Chancellor shall appoint not more than three pro-vice Chancellors with the written approval of the Chancellor in such manner as prescribed by the Statutes and they shall exercise such powers and perform such duties as may be laid down by the Statutes.

**18. Deans of faculties.-** Deans of faculties shall be appointed by the Vice-Chancellor with the written approval of the Chancellor in such manner and they shall exercise such powers and perform such duties as may be laid down by the Statutes.

**19. Appointments in the University.-** All appointments in section 15,16,17 and 18 in the University shall as per regulations of existing University Grants Commission and other Regulatory Authorities.

**20. The Registrar.-** (1) The Registrar shall be appointed by the Chancellor in such manner and on such terms and conditions as may be laid down by the Statutes.

(2) All contracts as defined in statutes shall be entered into, and signed by the Registrar on behalf of the University.

(3) The Registrar shall have the power to authenticate records on behalf of the University and shall exercise such other powers and perform such other duties as may conferred by the statutes or may be required from time to time, by the Chancellor or the Vice-Chancellor.

(4) The Registrar shall be responsible for the due custody of the records and the common seal of the University and shall be bound to place before the Chancellor, the Vice-Chancellor or any other authority all such information and documents as demanded.

**21. The Finance Officer.-** The Finance Officer shall be appointed by the Vice-Chancellor with the written approval of the Chancellor in such manner and he shall exercise such powers and perform such duties as may be laid down by the Statutes.

**22. Other Officers.-** The manner of appointment, terms and conditions of service and powers and duties of the other officers of the University shall be such as may, be specified by Statutes..

## CHAPTER – IV
## AUTHORITIES OF THE UNIVERSITY

**23. Authorities of the University.-** The following, shall be the authorities of the University, namely:-

(i) The Board of Governors;
(ii) The Board of Managements;
(iii) The Academic Council;

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(iv) The Research and Innovation Council;
(v) The Finance Committee; and
(vi) Such other authorities as may be declared by the Statutes to be the authorities of the University.

**24. The Board of Governors and its powers.-** (1) The Board of Governors shall consist of the following, namely:-

(i) The Chancellor - Chairperson;
(ii) The Pro-Chancellor - Member;
(iii) The Vice-Chancellor - Member;
(iv) The Secretary to the Government in the Higher Education or by his nominee not below the rank of Deputy Secretary - Ex-officio member;
(v) One expert from the field of management, finance or any other specialization, including administration to be nominated by the Government- member;
(vi) Three persons nominated by the Sponsoring Body of whom one shall be woman – member; and
(vii) The Pro Vice-Chancellor who shall be a non-voting member.

(2) The Registrar shall be non-voting member Secretary of Board of Governors.

(3) The tenure of office of the members of the Board of Governors, appointment of members, other than Government nominees, renewal and removal, etc: shall be such as may be laid down by the Statutes.

(4) All meetings of the Board of Governors shall always be chaired by the Chancellor and in his absence by any one of the nominees of the Chancellor. If Chancellor has not nominated any person to Chair such a meeting, members present in the meeting shall elect the Chairperson for that meeting only from among themselves by a simple majority.

(5) Quorum for all meetings of the Board of Governors shall be three members attending and voting at such meeting:

Provided that, the presence of either the Chancellor or one nominee of the Sponsoring Body and in the absence of the Chancellor or one nominee of Sponsoring Body, the Vice Chancellor, shall always be necessary to form the quorum for any meeting of the Board of Governors.

(6) The Board of Governors shall be the Principal Governing Body of the University and shall have the following powers, namely:-

(i) to appoint the Statutory Auditors of the University;
(ii) to lay down policies to be pursued by the University;
(iii) to review decisions of the other authorities of the University if they are not in conformity with the provisions of this Act, or the Statutes or the Rules;
(iv) to take decision about voluntary winding up of the University with approval of Government;
(v) to approve proposals for submission to the Government; and
(vi) to take such decisions and steps as are found desirable for effectively carrying out the objects of the University.

(7) The Board of Governor shall, meet at least four times a year.

(8) The Board of Governors shall meet at such time and place as may be specified by Statute.

(9) The agenda and proceedings of the Board of Governors shall be put up on the website of the University as a part of mandatory disclosures in addition to the proceedings of the meeting shall be live stream.

**25. The Board of Management.-** (1) The Board of Management shall consist of the following, namely:-

(i) The Vice Chancellor;
(ii) The Pro-Vice Chancellors;
(iii) The Registrar;
(iv) Two nominees of the Sponsoring Body; and
(v) Two Deans of the faculties as nominated by the Vice Chancellor.

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(2) The Vice Chancellor shall be the Chairperson of the Board of Management and the Registrar shall be the Secretary of the Board of Management.

(3) The Board of management shall be the executive body of the University. The powers and functions of the Board of Management shall be such as may be specified by the statutes.

(4) All meetings of the Boards of Management shall always be chaired by the Vice Chancellor and in the absence of the Vice Chancellor, by the nominee of the Sponsoring Body and where the Sponsoring Body has not nominated any nominees, then by any other member as elected by the members present in the meeting;

(5) In the event of a conflict of opinion at the meeting of the Board of Management, the issue shall be referred to the Chancellor and the decision of the Chancellor in respect of such issue shall be final and binding on the University.

(6) The agenda and proceedings of the Board of management shall be put up on the website of the University as a part of mandatory disclosures.

**26. The Academic Council.** - (1) The Academic Council shall consist of the following, namely: -

| | | | |
|---|---|---|---|
| (i) | The Vice-Chancellor | - | Chairperson |
| (ii) | The Pro Vice Chancellor | - | Member |
| (iii) | The Registrar | - | Secretary |
| (iv) | Such other members as may be specified by the Statutes. | | |

(2) The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of this Act, the Statutes, Regulations and the Rules, and as per Regulations of existing University Grants Commission, relevant Rules and Regulations of Government of India and Government of Karnataka to co-ordinate and exercise general supervision over the academic policies of the University. The agenda and proceedings of the Academic Council shall be put up on the website of the University as a part of Mandatory Disclosures.

**27. The Research and Innovation Council.-** (1) Research and Innovation Council shall be the Principal Research and Innovation Council of the University and shall provide the larger holistic vision of the kind of research to be undertaken by the University, including prioritization of the research areas. Research and Innovation Council shall, subject to the provisions of this Act, the Statutes, the Regulations and the Rules, co-ordinate and exercise general, supervision over the Innovation and Research policies of the University.

(2) The Research and Innovation Council shall consist of the following, namely:-

| | | | |
|---|---|---|---|
| (i) | The Vice- Chancellor | - | Chairperson |
| (ii) | The Pro Vice-Chancellor | – | Member |
| (iii) | The Dean of Research | – | Secretary |
| (iv) | Head of the Department of Innovation | – | Member |
| (v) | Deans of all Faculties | - | Members |
| (vi) | Such other members as may be specified in the Statutes. | | |

**28. The Finance Committee.-** (1) The Finance Committee shall consist of the following, namely:-

| | | | |
|---|---|---|---|
| (i) | The Chancellor or his Nominee | - | Chairperson |
| (ii) | The Pro-Chancellor | - | Member |
| (iii) | The Vice-chancellor | - | Member |
| (iv) | The Registrar | - | Member |
| (v) | The Finance Officer | - | Secretary |
| (vi) | One nominee of the Sponsoring Body | - | Member |
| (vii) | Such other members not more than thirty as may be specified in the statutes. | | |

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(2) The Finance Committee shall be the principal financial body of the University to take care of financial matters and shall, subject to the provisions of this Act, Rules and Statutes and as per Regulations of existing University Grants Commission, relevant Rules and Regulations of Government of India and Government of Karnataka to co-ordinate and exercise general supervision over the financial matters of the University. The agenda and proceedings of the Finance Committee shall be put up on the website of the University as a part of Mandatory Disclosures.

**29. Other Authorities.-** The constitution, powers and functions of the other authorities of the University shall be such as may be specified by the statutes.

**30. Disqualification for membership of an Authority or Body.-** A person shall be disqualified for being a member of any of the authorities of bodies of the University, if he,-

(a) is of unsound mind and stands so declared by a competent court;
(b) is an undischarged insolvent;
(c) has been convicted of any offence involving moral turpitude;
(d) conducting or engaging himself in private coaching classes;
(e) has been punished for indulging in or promoting unfair practice in the conduct of any examination, in any form, anywhere; and
(f) as and when the Board of Governors were to form an opinion in writing that a Member of any of the authorities or bodies is unfit to hold the post.

**31. Proceedings not invalidated on account of vacancy.-** No act or proceedings of any authority of the University shall be invalid merely by reason of the existence of any vacancy or defect in the constitution of the authority.

**32. Provisions pertaining to Agenda matters.-** (1) No Agenda Matter shall be either included in the Agenda for or taken up for discussion and decided in, the meeting of the Board of Governors or the Board of Management or any Committees without obtaining the Prior written approval of the Chancellor.

(2) In the event of breach of any provisions of this Act, the Chancellor shall be entitled at all time to immediately take remedial action by reversing all decisions taken by any functionary or body of the University in breach of the provisions of the Act and consequent upon the pursuit of such a remedial action all such actions taken by the functionary or body of the University in breach of the provisions of the Act shall be deemed to be null and void, ab-initio and consequently the status quo ante shall prevail in respect of the matter or decision in breach.

## CHAPTER-V
## STATUTES AND REGULATIONS

**33. Statutes.-** Subject to the provisions of this Act and Rules and Regulations of the University Grants Commission and other Regulatory Authorities, the Statues may provide for any matter relating to the Universities and Staff as given below, namely:-

(i) the procedure for transaction of business of the Authorities of the University and the composition of bodies not specified in this Act;
(ii) subject to section 52, the operation of the permanent statutory endowment fund, University endowment fund, the general fund and the development fund;
(iii) the terms and conditions of appointment of the Vice-Chancellor, the Registrar and the Finance Officer and their powers and functions;
(iv) the mode of recruitment and the terms and conditions of service of the other officers, Teachers and employees of the University;
(v) the procedure for resolving disputes between the University and its officers, Faculty members, employees and students;
(vi) creation, abolition or restructuring of departments and faculties;
(vii) the manner of co-operation with other Universities or institutions of higher learning;

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(viii) the procedure for conferment of honorary degrees;
(ix) provisions regarding grant of free ships and scholarships;
(x) policies in respect of seats in different courses of studies and the procedure of admission of students to such courses;
(xi) policy relating to the fees chargeable from students for various courses of studies as per the provision of this Act;
(xii) institution of fellowships, scholarships, studentships, free ships, medals and prizes;
(xiii) procedure for creation and abolition of posts; and
(xiv) any other matters which may be decided by the Board of Governors or required to be provided by statutes under this Act.

**34. Statutes how made.-** (1) The first statutes framed by the Board of Management shall be submitted to the Board of Governors for its approval.

(2) The Board of Governors shall consider the First Statutes, submitted by the Board of Management and shall give its approval thereon with such modifications, if any, as it may deem necessary.

(3) The University shall publish the First Statutes, as approved by the Board of Governors in the University Notification, and thereafter, the First Statutes shall come into force from the date of its publication.

**35. Power to amend the Statutes.-** The Board of Governors may, make new or additional Statutes or amend or repeal the Statutes.

**36. Regulations.-** (1) Subject to the provisions of this Act and Rules and Regulations of University Grants Commission and other Regulatory Authorities, the statutes may provide for all or any of the following matters namely:-

(i) admission of students to the University and their enrolment and continuance as such;
(ii) the courses of study to be laid down for all degrees and other academic distinctions of the University;
(iii) the award of degrees and other academic distinctions:
(iv) the conditions of the award of fellowships, scholarships, studentships, medals and prizes;
(v) the conduct of examinations and the conditions and mode of appointment and duties of examining bodies, examiners, invigilators, tabulators and moderators;
(vi) the fee to be charged for admission to the examinations, degrees and other academic distinctions of the University;
(vii) the conditions of residence of the students at the University or a Constituent College;
(viii) maintenance of discipline among the students of the University or a Constituent College; and
(ix) all other matters as may be provided in the Statutes under the Act.

**37. Academic Regulations how made.-** The Academic Regulations shall be made by the Academic Council and approved by Board of Management.

**38. Power to amend Regulations.-** The Academic Council may, with the approval of the Board of Management, make new or additional Academic regulations or amend or repeal the regulations.

**39. Fixation of fee.-** (1) The fee in respect of forty percent of the admissions in all courses of the university for which admissions are made through a Common Entrance Test conducted by the Government or Central Government or its agency under the proviso to section 9 shall be the fees, as fixed by the Government, for Government seats from time to time, in accordance with the consensual agreement entered into by the Government and the University in accordance with the Karnataka Professional Educational Institutions (Regulation of Admission and Determination of Fee) Act, 2006 (Karnataka Act 8 of 2006). The fee in respect of forty percent of the admission in all other non-technical courses being

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offered in the university shall be the fees as fixed by consensual agreement entered between University and State Government.

(2) In respect of other seats of the University, the fee shall be determined by the fee regulatory committee constituted under the chairpersonship of a Retired Judge of High Court in accordance with the provisions of section 6 of the Karnataka Professional Educational Institutions (Regulation of Admission and Determination of Fee) Act, 2006 (Karnataka Act 8 of 2006). For the purpose of this section, the University shall be deemed to be the Private Unaided Professional Educational Institution.

(3) The Committee shall look into the compliance of the university in the admissions vis-à-vis the statutory and regulatory authorities and collection of fee.

## CHAPTER - VI
## MISCELLANEOUS

**40. Publication of Mandatory Disclosures in the University website.-** The University shall publish in its official website, the Act, Regulations, Public Notices and other instructions of concerned National Accreditation Body and the Acts, Rules, Regulations, Orders, Circulars and instructions of the Government. And also the proceedings of every meeting of the Board of Governors, Board of Management, the Academic Council, The Finance Committee within 48 hours of the signature on the proceedings of the said meeting by the Competent Authority. The details of the Programmes/Courses offered by the University, its sanctioned intake, eligibility for enrolment, fee structure, details of permanent, adjunct and temporary Faculty Programme wise, Department wise shall also mandatorily be published and updated on the website of the University. The Annual Report of the university and the Annual Accounts shall also be published mandatorily on the website of the university. The Information sent by the University to the University Grants Commission for inspection purpose, the information sent by the university to the University Grants Commission for ascertaining their norms and standards and compliance report submitted by university to UGC shall also be mandatorily published on its website.

**41. Conditions of service of employees.-** (1) Every employee shall be appointed under a written contract subject to such terms and conditions as may be specified by statutes and regulations or prescribed if any by rules which shall be kept in the University and a copy of which shall be furnished to the employee concerned.

(2) Disciplinary action against the employees shall be governed by the procedure specified in the Statutes.

(3) Any dispute arising out of the contract between the University and an employee shall, be resolved in the manner provided for in the written contract and in accordance with the Statutes and as per existing Regulations of University Grants Commission.

**42. Right to appeal.-** In case of disciplinary actions by the University against its employee or student, the aggrieved employee or students shall have a right to appeal to such authority as specified by the statutes and as per existing University Grants Commission Regulations, relevant Government of India and Government of Karnataka Rules and Regulations.

**43. Provident or Pension Fund.-** The University shall constitute for the benefit of its employees such Provident or Pension Fund and provide such insurance scheme as it may deem fit in such manner and subject to such conditions as may be specified by the statutes and the laws in force.

**44. Disputes as to constitution of the University authorities and bodies.-** If any question arises as to whether any person has been duly elected or appointed as, or is entitled to be a member of any authority or other body of the University, the matter shall be referred to the Chancellor.

**45. Constitution of Committees.-** Any other authority of the University mentioned in section 29, shall be empowered to constitute a committee of such authority, consisting

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of such members of such authority and having such powers as the authority may deem fit.

**46. Filling of casual vacancies.-** Any casual vacancy among the members, other than ex-officio members of any Authority or body of the University shall be filled in the same manner in which the member whose vacancy is to be filled up, was chosen, and the person filling the vacancy shall be a member of such authority or body for the residual term for which the person in whose place he would have been a member.

**47. Transitional provisions.-** Notwithstanding anything contained in any other provisions of this Act and the Statues,

(i) the first Vice-Chancellor and Pro-Vice-Chancellor, if any shall be appointed by the Chancellor;

(ii) the first Registrar and the first Finance Officer shall be appointed by the Chancellor; and

(iii) the first Board of Management, the first Finance Committee, the first Innovation and Research Council and the first Academic Council shall be constituted by the Chancellor.

**48. Permanent Statutory Endowment Fund.-** (1) The University shall establish a Permanent Statutory Endowment Fund of at least rupees twenty five crores jointly in the name of the Chancellor of the University and Secretary to the Government, the Higher Education Department, out of which at least rupees fifteen crores shall be in cash and remaining in the form of Bank Guarantee, which may be increased suomoto but shall not be decreased:

(2) The University shall have power to invest the permanent Statutory Endowment Fund in such manner as may be prescribed.

(3) The University may transfer any amount from the General Fund or the Development Fund to the permanent Statutory Endowment Fund. Excepting in the event of dissolution of the University, in no other circumstances can any monies' be transferred from permanent Statutory Endowment Fund for other purposes.

(4) Seventy five percent of the incomes received from permanent Statutory Endowment Fund shall be used for the purpose of development or general work of the University. The remaining twenty five percent shall be reinvested in the permanent Statutory Endowment Fund.

**49. University Endowment Fund.-** (1) The University shall establish a Endowment Fund having such funds as may be determined by the Sponsoring Body which can include donations and other funds received from time to time.

(2) The University shall have the power to invest the University Endowment Fund in a manner as may be specified by the Statutes.

(3) The University Endowment Fund is a self-imposed fund that the University desires to maintain voluntarily and invest it responsibly to protect itself from financial challenges that may arise on account of pursuing social objectives and/or unforeseen circumstance.

(4) The University may transfer any amount from the General Fund or the development fund to the University Endowment Fund. Excepting in the event of dissolution of the University, in no other circumstances can any monies be transferred from the University Endowment Fund for other purposes.

(5) Eighty percent of the incomes received from the University Endowment Fund shall be used for the purposes of development or general work of the University. The remaining twenty percent shall be reinvested into the University Endowment Fund.

**50. General Fund.-** (1) The University shall establish a General Fund to which the following amount shall be credited, namely:-

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(i) all fees which may be charged by the University;
(ii) all sums received from any other source not prohibited by any law for the time being in force:
(iii) all contributions made to the University;
(iv) all contributions or donations made in this behalf. by any other person or body which are not prohibited by any law for the time being in force.

(2) The funds credited to the General Fund shall be applied to meet all the recurring expenditure of the University.

**51. Development fund.-** (1) The University shall establish a Development Fund to which the following funds shall be credited, namely:-

(i) all sums received from any other source for the purposes of the development of the University;
(ii) all contributions made by the University;
(iii) all contributions or donations made in this behalf by any other person or body; which are not prohibited by any law for the time being in force; and
(iv) all incomes received from the Permanent Statutory Endowment Fund.

(2) The funds credited to the Development Fund from time to time shall be utilized for the development of the University.

**52. Maintenance of funds.-** The funds established under sections 48, 49, 50 and 51 shall subject to general supervision and control of the Board of Governors, be regulated and maintained in such manner as may be prescribed.

**53. Annual Report.-** (1) The Annual Report of the University shall be prepared under the direction of the Board of Management and shall be submitted to the Board of Governors for its approval.

(2) The Board of Governors shall consider the annual report in its meeting and may approve the same with or without modification.

(3) A copy of the annual report duly approved by the Board of Governors shall be sent to the Visitor and the Government before 31stDecember following close of the financial year in March of each year. A copy of the Annual Report shall be published on the website of the University not later than 31st December of every year.

**54. Accounts and audit.-** (1) The annual accounts and balance sheet of the University shall be prepared under the direction of the Board of Management and all funds accruing to or received by the University from all source and all amount disbursed or Paid shall be entered in the account maintained by the University.

(2) The annual accounts of the University shall be audited by an auditor, who is a member of the Institute of Charted Accountants of India, every year.

(3) A copy of the annual accounts and the balance sheet together with the audit report shall be submitted to the Board of Governors before 30th November following close of the financial year in 31 March of each year.

(4) The annual accounts, the balance sheet and the audit report shall be considered by the Board of Governors at its meeting and the Board of Governors shall forward the same to the visitor and the Government along with its observation thereon on or before 31st December of each year.

(5) In the event of any material alteration in the Report of the Auditors, the Government may issue directions to the University, to rectify the alterations and such directions shall be binding on the University.

(6) A copy of the annual account and Audit report shall be published on the website of the University every year.

**55. Mode of proof of University record.-** A copy of any receipt, application, notice, order, proceeding or resolution of any authority or committee of the University or other documents in possession of the University or any entry in any register duly maintained by the University, if certified by the Registrar, shall be received as prima facie evidence of such receipt, application, notice, order, proceeding, resolution or document or the

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existence of entry in the register and shall be admitted as evidence of the matters and transaction therein recorded where the original thereof would, if produced, have been admissible in evidence.

**56. Power of Government to issue directions.-** The Government may give such directions to the University as in its opinion are necessary or expedient for carrying out the purposes of this Act or to give effect to any of the provisions contained therein or of any rules or orders made there under and the Board of Governor or the Board of management, as the case may be, of the University shall comply with every such direction.

**57. Penalties.-** (1) Whoever contravenes the provisions of this Act or the rules made thereunder or any examination matters or in matters relating to award of degrees or in giving marks cards shall on conviction be punishable with fine of not less than rupees fifty thousand which may extend to ten lakhs rupees or with an imprisonment for a term of not less than six months which may extend to two years or with both:

Provided that, where the University is also involved in committing the offence the permission letter granted under this Act to commence the University shall be withdrawn.

(2) A penalty under this section may the imposed without prejudice to the penalty specified in any other Act.

**58. Power to enter and inspect.-** Any officer not below the rank of Group 'A' officer authorized by the Government in this behalf, shall, subject to such conditions as may be specified therein under the Karnataka Educational Institutions (Prohibition of Capitation Fee) Act, 1984 (Karnataka Act 37 of 1984) shall be deemed to be the Officer authorized to exercise the same powers and discharge the-same functions as provided under section 9 of that Act for the purposes of this Act.

**59. Power to give direction for dissolution of the University.-** (1) If the University proposes dissolution in accordance with the law governing its constitution or incorporation, it shall give at least six months prior notice in writing to the Government.

(2) The Karnataka State the Higher Education Council shall conduct periodical Inspection of University regarding,-

(i) standard of Instructions for grant of degree;
(ii) quality of Education;
(iii) avoidance of commercialization of Higher Education; and
(iv) contravention of the provisions of the Act, if any;

- and send report to the Government within ten days from the conduct of this inspection. The Inspection Report shall also be published on the website of the Karnataka State Higher Education Council.

(3) On identification of mismanagement, maladministration and indiscipline, the Government shall issue directions to the management of the University to set right the administration. If the direction is not followed within such time as may be prescribed, the right to appoint an administrator or winding up of University or take decision on for winding up of the University or any course thereof shall vest with the Government.

(4) The manner of winding up of the University or any course thereof shall be such as may be prescribed by the Government in this behalf:

Provided that no such action shall be initiated without affording a as reasonable opportunity to show cause to the University.

(5) On receipt of the notice referred to in sub-section (1) the Government shall, in consultation with the relevant Regulatory Authority make such arrangements for administration of the University from the proposed date of dissolution of the University or winding up of the course and until the last batch of students in regular courses of studies of the University complete their courses of studies in such manner as may be prescribed.

**60. Expenditure of the University during dissolution.-** (1) The expenditure of administration of the University during taking over period of its management under sub-section (5) of section 61 shall be met out of the Permanent Statutory Endowment Fund, the General Fund or the Development Fund in such manner as may be prescribed.

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(2) If the fund referred to in sections 48, 49, 50 and 51 are not sufficient to meet the expenditure of the University during the taking over period of its management, such expenditure may be met by disposing of the properties or assets of the University, by the Government.

(3) Where the dissolution of the University is due to mismanagement or maladministration, the Government is at liberty to identify the persons responsible for such mismanagement or maladministration and to impose penalty as it deems fit. The right to appoint an Administrator or winding up of the University or taking any other course of action thereof shall vest with the Government.

**61. Temporary taking over of management of the University in public interest.-** (1) Notwithstanding anything contained in any Law for the time being in force in the State where based on inspection report of Higher Education Council it is found that the university is violating the,-

(a) standard of instructions for grant of degree;

(b) quality of education;

(c) avoidance of commercialization of Higher Education; or

(d) the provisions of the Act in which it is established.

the Government is of opinion that, inspite of the directions by the Government, the university has not complied with it and has continued to mismanage, maladministration and to practice indiscipline, then before directing for winding up of the management of the University, shall either in the public interest or in order to secure the proper management of any University be taken over, it may, after giving one month's notice to the Chancellor or Sponsoring Body in charge of the management of the University to make any representation, direct by notification, that the management of the University shall with effect on and from the date specified therein shall vest in the Government for a period of one year:

Provided that, if the Government is of the opinion that in order to secure the proper management of the University, it is expedient that such management shall continue to vest in the Government after the expiry of the said period of one year, it may issue direction for the continuance of management for a further period not exceeding one year as it may think fit, so however, the total period for which such management shall continue to vest in the Government shall not, in any case, exceed two years.

(2) The University referred to in sub-section (1), shall be deemed to include all assets, rights and lease holds, powers, authorities and privileges and all property, movable and immovable, including lands, buildings, stores instruments and vehicles, cash balances, revenue fund, investments and book debts and all other rights and interests arising out of such property as were immediately before the date of taking over of the management under sub-section (1) in the ownership, possession, power or control of the management of University and all books of account, registers and all other documents of whatever nature relating thereto.

(3) All persons, in whom the management of the University vested immediately before the taking over shall, as from the date aforesaid, cease to be so vested and shall be deemed to have vacated their offices as such on the date aforesaid.

(4) Notwithstanding anything contained in any other law for the time being in force, no person who ceases to hold any office by reason of the provisions contained in sub-section (3) shall be entitled to claim any compensation for the premature termination of the contract of management or other arrangement or for the cessation of management or for the loss of office, as the case may be.

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(5) Notwithstanding any judgment, decree or order of any court, tribunal or other authority or anything contained in any other law for the time being in force, every person in whose possession or custody or under whose control the University or any part thereof or any properties attached thereto vest shall transfer the same to the Administrative officer appointed by the Government for the purpose of carrying on the management of the University for and on behalf of the Government, or where no Administrative officer is appointed, to such other person as the Government may direct.

(6) For the removal of any doubt, it is hereby declared that any liability incurred by the management in relation to the University before the taking over shall be enforceable against the said Governing Council or sponsoring body and not against Government or the Administrative Officer.

(7) The amount payable in respect of the vesting in the Government, the University under sub-section (1), shall be an amount equal to the average net annual surplus income of the University during the period of its existence or the period of five consecutive accounting years immediately preceding the date of such vesting whichever is less:

Provided that, no such amount shall be payable if the sponsoring body or Governing Council under which the University is found makes provision for running of the University.

(8) The amount payable under sub-section (7) shall subject to rules made under this Act, be paid by the Government to the person interested in the University in such manner and within such time as may be prescribed.

**62. Relinquishment of management of the University.-** (1) After the expiry of the period specified in sub-section (1) of section 61, the management of the University shall vest in accordance with the order, if any, of any court and if there be no such order, vest in the Governing Council or managing committee or sponsoring body (by whatever name called) of the University or such other body or person, as the case may be, entitled thereto.

(2) If at any time before the expiry of the period referred to in sub-section (1) of section 61, it appears to the Government that the purpose of vesting of the management of the University in the Government has been fulfilled or that for any other reason it is not necessary that the management of the University shall remain vested in the Government, it may, by order published in the official Gazette, relinquish the management of the University with effect from such date as may be specified in the order.

(3) On and from the date specified under sub- section (1) the management of the University shall be transferred in accordance with the order, if any, of any court, and if there be no such order, shall be transferred to the Governing Council or managing committee or sponsoring body (by whatever name called) of the University or such other body or person, as the case may be, entitled thereto.

**63. Penalty for obstructing officer or other person exercising powers under this Act.-** Any person who obstructs an officer of the Government in the exercise of any power conferred on him or in the performance of any function entrusted to him by or under this Act or any other person lawfully assisting such officer in the exercise of such power or in the performance of such function or who fails to comply with any lawful direction made by such officer or person shall be punished with fine which may extend to one lakh rupees.

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**64. Punishment for abetment of offences.-** Whoever instigates or abets the commission of any offence punishable under this Act shall, on conviction, be punished with the punishment provided for the offence.

**65. Offences by companies.-** (1) Where an offence against any of the provisions of this Act or any rule made thereunder has been committed by a company, every person who at the time of the offence was committed, was in charge of and was responsible to the company for the conduct of business of the company, as well as the company, shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly:

Provided that, nothing contained in this sub-section shall render any such person liable to any punishment if he proves that the offence was committed without his knowledge or that he has exercised all due diligence to prevent the commission of the such offence.

(2) Notwithstanding anything contained in sub-section (1), where any such offence has been committed by a company and it is proved that the offence has been committed with the consent or connivance of or is attributable to any neglect on the part of any director, manager, secretary or other officer of the company, such director, manager, secretary or other officer shall be deemed to be guilty of that offence and shall be liable to be proceeded against and punished accordingly.

**Explanation.-** For the purposes of this section:-

(a) "company, trust, firm, society" means respectively a company defined under the Companies Act, 1956 (Act No.1 of 1956), trust defined under the Indian Trust Act, 1882 (Act No.2 of 1882), firm defined in the Indian Partnership Act, 1932 (Act No.9 of 1932), Society defined in the Karnataka Societies Registration Act, 1960 (Karnataka Act 17 of 1960) or other association of individuals; and

(b) "director" in relation to:-

(i) a company means the director as defined in sub-section (13) of section 2 of the Companies Act, 1956 and partner means a partner in the firm;

(ii) a society, a trust or other association of individuals, means the person who is entrusted under the relevant provisions of the Act or rules of the society, trust or other association with management of the affairs of the society, trust or other association, as the case may be.

**66. Removal of difficulties.-** (1) If any difficulty arises in giving effect to the provisions of this Act, the Government may, by a notification or by order, make such provisions, which are not inconsistent with the provisions of this Act, as appear to it to be necessary or expedient, for removing the difficulty:

Provided that, no notification or order under this section shall be made after the expiry of a period of five years from the date of commencement of this Act.

(2) Every Order made under sub- section (1), shall, as soon as may be after it is made, be laid before the State Legislature.

**67. Power to make rules by the Government.-**(1) The Government may make rules by notification, to carry out the purposes of this Act.

(2) Every rule made under this Act shall be laid as soon, as may be after it is made before each House of the State Legislature while it is in session for a total period of thirty, days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or both

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Houses agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be, so however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

The above translation of ಜಿ. ಎಮ್ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ, 2022 (2023ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ:19) be published in the official Gazette under clause (3) of Article 348 of the constitution of India.

**THAAWARCHAND GEHLOT**
**GOVERNOR OF KARANATAKA**

By Order and in the name of
the Governor of Karnataka,

**G.SRIDHAR**
Secretary to Government
Department of Parliamentary
Affairs and Legislation

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ಮುದ್ರಕರು ಹಾಗೂ ಪ್ರಕಾಶಕರು:- ಸಂಕಲನಾಧಿಕಾರಿಗಳು, ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ, ಸರ್ಕಾರಿ ಕೇಂದ್ರ ಮುದ್ರಣಾಲಯ, ಬೆಂಗಳೂರು
SUNIL GARDE

**Annexure-3**

**GM University Notification**

**ಕರ್ನಾಟಕ ಸರ್ಕಾರ**

ಸಂಖ್ಯೆ: ಇಡಿ/236/ಯುಆರ್‌ಸಿ/2023 ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಚಿವಾಲಯ,
ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ,
ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 21ನೇ ಆಗಸ್ಟ್ 2023

**ಅಧಿಸೂಚನೆ**

ಜಿ.ಎಮ್ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ, 2022 (2023 ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ: 19)ರ 1ನೇ ಪ್ರಕರಣದ (3) ನೇ ಉಪ ಪ್ರಕರಣದಡಿ ಪ್ರದತ್ತವಾದ ಅಧಿಕಾರವನ್ನು ಚಲಾಯಿಸಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಈ ಮೂಲಕ ಸದರಿ ಅಧಿನಿಯಮವು ದಿನಾಂಕ: 21ನೇ ಆಗಸ್ಟ್ 2023 ರಿಂದ ಜಾರಿಗೆ ಬರತಕ್ಕದ್ದೆಂದು ಗೊತ್ತುಪಡಿಸುತ್ತದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಪಾಲರ ಆಜ್ಞಾನುಸಾರ
ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ ,

**(ನಂದಕುಮಾರ್ ಬಿ. )**
ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ,
ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ (ವಿಶ್ವವಿದ್ಯಾಲಯ-2)

ಇವರಿಗೆ,
ಸಂಕಲನಕಾರರು, ಕರ್ನಾಟಕ ರಾಜ್ಯ ಪತ್ರಗಾರ, ಬೆಂಗಳುರು – ಈ ಅಧಿಸೂಚನೆಯನ್ನು ಇಂದೇ ವಿಶೇಷ ರಾಜ್ಯ ಪತ್ರದಲ್ಲಿ ಪ್ರಕಟಿಸಿ 200 ಪ್ರತಿಗಳನ್ನು ಕೊಠಡಿ ಸಂಖ್ಯೆ: 725, 7ನೇ ಮಹಡಿ, ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ (ವಿಶ್ವವಿದ್ಯಾಲಯ-2) ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು, ಇಲ್ಲಿಗೆ ಕಳುಹಿಸಲು ಕೋರಿದೆ.

ಪ್ರತಿಗಳು :-

1) ಕಾರ್ಯದರ್ಶಿಗಳು, ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಮಾನವ ಸಂಪನ್ಮೂಲ ಮತ್ತು ಅಭಿವೃದ್ಧಿ ಮಂತ್ರಾಲಯ, ಶಾಸ್ತ್ರಿ, ಭವನ, ಭಾರತ ಸರ್ಕಾರ, ನವದೆಹಲಿ-11.
2) ಅಧ್ಯಕ್ಷರು, ವಿಶ್ವವಿದ್ಯಾಲಯ ಧನಸಹಾಯ ಆಯೋಗ, ನವದೆಹಲಿ.
3) ಅಧ್ಯಕ್ಷರು ಅಖಿಲ ಭಾರತ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಪರಿಷತ್ತು, ನವದೆಹಲಿ.
4) ಅಧ್ಯಕ್ಷರು, ಎನ್.ಸಿ.ಟಿ.ಇ. ನವದೆಹಲಿ.
5) ಅಧ್ಯಕ್ಷರು, ಕೌನ್ಸಿಲ್ ಆಫ್ ಆರ್ಕಿಟೆಕ್ಚರ್, ನವದೆಹಲಿ.
6) ಕಾರ್ಯದರ್ಶಿ, ಭಾರತೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳ ಸಂಘ, ಎ.ಐ.ಯು. ಹೌಸ್, ನಂ.16, ಗೊಮ್ಮೇಡ್ ಇಂದ್ರಜಿತ್ ಮಾರ್ಗ್ (ಕೋಟ್ಲಾ ಮಾರ್ಗ್), ನವದೆಹಲಿ- 110 002.

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7) ಮಾನ್ಯ ರಾಜ್ಯಪಾಲರ ವಿಶೇಷ ಕಾರ್ಯದರ್ಶಿಯವರು, ರಾಜಭವನ, ಬೆಂಗಳೂರು.
8) ಮಾನ್ಯ ಮುಖ್ಯಮಂತ್ರಿಯವರ ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿಯವರು, ವಿಧಾನ ಸೌಧ, ಬೆಂಗಳೂರು.
9) ರಾಜ್ಯದ ಎಲ್ಲಾ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳ ಕುಲಪತಿಗಳು / ಕುಲಸಚಿವರು.
10) ಸರ್ಕಾರದ ಕಾರ್ಯದರ್ಶಿ ಸಂಸದೀಯ ವ್ಯವಹಾರಗಳು ಮತ್ತು ಶಾಸನ ರಚನಾ ಇಲಾಖೆ, ವಿಧಾನಸೌಧ, ಬೆಂಗಳೂರು.
11) ಆಯುಕ್ತರು, ಕಾಲೇಜು ಮತ್ತು ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಬೆಂಗಳೂರು.
12) ನಿರ್ದೇಶಕರು, ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಅರಮನೆ ರಸ್ತೆ, ಬೆಂಗಳೂರು.
13) ಕಾರ್ಯನಿರ್ವಾಹಕ ನಿರ್ದೇಶಕರು, ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಪರಿಷತ್, ಬೆಂಗಳೂರು.
14) ಮಾನ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ ಸಚಿವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ, ವಿಕಾಸಸೌಧ, ಬೆಂಗಳೂರು.
15) ಸರ್ಕಾರದ ಜಂಟಿ ಕಾರ್ಯದರ್ಶಿ, ಸಚಿವ ಸಂಪುಟ ಶಾಖೆ, ವಿಧಾನಸೌಧ, ಬೆಂಗಳೂರು.
16) ಕಾರ್ಯದರ್ಶಿ, ಕರ್ನಾಟಕ ವಿಧಾನ ಪರಿಷತ್ತು, ಬೆಂಗಳೂರು.
17) ಕಾರ್ಯದರ್ಶಿ, ಕರ್ನಾಟಕ ವಿಧಾನ ಸಭೆ, ಬೆಂಗಳೂರು.
18) ಅಧ್ಯಕ್ಷರು / ಕಾರ್ಯದರ್ಶಿ, ಶ್ರೀಶೈಲ ಎಜುಕೇಶನಲ್ ಟ್ರಸ್ಟ್ (ರಿ), ದಾವಣಗೆರೆ.
19) ಸರ್ಕಾರದ ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿಯವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ, ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಬೆಂಗಳೂರು.
20) ಸರ್ಕಾರದ ಉಪ ಕಾರ್ಯದರ್ಶಿಯವರ ಆಪ್ತ ಸಹಾಯಕರು, ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ (ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು), ಬೆಂಗಳೂರು.
21) ಶಾಖಾ ರಕ್ಷ ಕಡತ / ಹೆಚ್ಚುವರಿ ಪ್ರತಿ.

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GOVERNMENT OF KARNATAKA

EO.NO. ED/236/URC/2023

Karnataka Government Secretariat,
Higher Education Department, M.S. Building,
Bengaluru, dated : 21st August 2023

## NOTIFICATION

Whereas, Srishyla Educational Trust (R), Davanagere, has submitted the proposal to Government requesting to grant Private University status to be named as **THE G.M UNIVERSITY .**

Whereas, the Government has referred the same to the Karnataka State Higher Education Council to inspect the Institution about its infrastructure etc., and submit its report to Government.

Whereas, the Karnataka State Higher Education Council has submitted its report. Based on the report of the Committee, Government has prepared draft **THE G.M UNIVERSITY** Bill and placed it before the Karnataka Legislature for its approval. After obtaining the approval of the Legislature and assent of Hon'ble Governor of Karnataka, **THE G.M UNIVERSITY ACT**, 2022 was published in the Official Gazette dated: 16.03.2023 and it was given effect **from 21st August 2023** as published in the Official Gazette.

Whereas, as per Section 3 of **THE G.M UNIVERSITY ACT**, 2022 Srishyla Educational Trust (R), Davanagere, has submitted the proposal to Government for establishment of the **THE G.M UNIVERSITY.** Accordingly, Government of Karnataka has constituted a Committee vide its order No. ED/236/URC/2023, dated: 06-07-2023 to inspect the physical infrastructure available with Srishyla Educational Trust (R), Davanagere, and to submit its report in terms of Section 3(3) of the said Act.

Whereas, the Committee constituted for the purpose, visited the main campus at Karur Village, Kasaba Hobli, Davanagere Taluk and District of THE G.M UNIVERSITY on 3rd August 2023 and after due inspection submitted its report to Government on the issues as contained in Clauses (i) to (xiii) of Section 3(3) the THE G.M UNIVERSITY ACT, 2022.

Whereas, the Srishyla Educational Trust (R), Davanagere, has created Permanent Statutory Fund of Rs.25.00 crores as stipulated under Section 4 read with proviso to Section 48 of the THE G.M UNIVERSITY ACT, 2022.

Now, therefore, after considering all the facts, Government of Karnataka has accorded approval with the following terms and conditions to the Srishyla Educational Trust (R), Davanagere, in accordance with Section 4(2) of THE G.M UNIVERSITY ACT, 2022

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17. The Secretary, Karnataka legislative Council, Bengaluru.
18. The President/Secretary, Srishyla Educational Trust (R), Davanagere.
19. PS to Additional Chief Secretary to Government, Higher Education Department.
20. PA to Deputy Secretary to Government, Higher Education Department (Universities), M.S. Building, Bengaluru.
21. SGF/Spare Copies.

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REGISTRAR
GM UNIVERSITY
P. B. ROAD, DAVANAGERE - 577 006.

to establish and commence a Private University in the name and style of THE G.M UNIVERSITY at Karur Village, Kasaba Hobli, Davanagere Taluk and District.

1. Srishyla Educational Trust (R), Davanagere, shall have the right to establish the University of Unitary Nature subject to and in accordance with the provisions of this Act.
2. Since the University is being located at Karur Village, Kasaba Hobli, Davanagere Taluk and District. The University shall establish a permanent Statutory Endowment Fund of at least rupees Rs.25.00 crores jointly in the name of the Chancellor of the University and the Principal Secretary to the Government, Higher Education Department, out of which at least Rs.15.00 crores shall be in cash and remaining in the form of bank Guarantee, which may be increased suo moto but shall not be decreased.
3. The nature and functions of the University shall be strictly as per the provisions of THE G.M UNIVERSITY ACT, 2022. It shall also comply the rules that will be made under the Act in due course. The University shall also comply all the prevailing relevant laws, which concern the governance of the University in any aspect.
4. Agenda matters shall be dealt as per section 2(b) of the Act.
5. "Statutes" and "Regulations" of the University under the Act shall be made within a period of 3 months from the date of this Notification.
6. The University is permitted to start the following courses in the campus, only after ensuring that necessary faculty is recruited and requisite infrastructure such as lab etc. is provided as per UGC/AICTE Guidelines:-

| Program | Specialisation | Intake | | | | |
|---|---|---|---|---|---|---|
| | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
| | | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 |
| B.Tech | Computer Science & Engineering | 120 | 180 | 240 | 300 | 360 |
| | Computer Science with AI and ML | 120 | 120 | 120 | 120 | 120 |
| | Information Science and Engineering | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Information Security | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Data Science | 60 | 120 | 180 | 240 | 300 |

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REGISTRAR
GM UNIVERSITY
P. B. ROAD, DAVANAGERE - 577 006.

| | | | | | | |
|---|---|---|---|---|---|---|
| | CSE with specialization in Business Systems | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Cyber Security | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Cloud Computing | 60 | 120 | 180 | 240 | 300 |
| | Computer Science with Internet of Things | 60 | 120 | 180 | 240 | 300 |
| | **Total** | **660** | **1140** | **1620** | **2100** | **2580** |
| **M.Tech** | Artificial Intelligence and Machine Learning | - | 30 | 45 | 60 | 60 |
| | Computer Science and Engineering | - | 30 | 45 | 60 | 60 |
| | Computer Science with Cognitive Computing | - | 30 | 30 | 30 | 30 |
| | Computer Science with Cyber Security and Digital Forensics | - | 30 | 30 | 30 | 30 |
| | Computer Science with Industrial IOT | - | 30 | 30 | 30 | 30 |
| | Computer Science with Data Analytics | - | 30 | 30 | 30 | 30 |
| | **Total** | - | **180** | **210** | **240** | **240** |

| **Program** | **Specialisation** | **Intake** | | | | |
|---|---|---|---|---|---|---|
| | | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** |
| | | **2023-24** | **2024-25** | **2025-26** | **2026-27** | **2027-28** |
| **B.Tech** | Electronics and Communication Engineering | 60 | 120 | 180 | 240 | 300 |
| | Electrical and Electronics Engineering | 60 | 120 | 180 | 240 | 300 |
| | Aeronautical Engineering | - | - | 60 | 60 | 60 |

-4

REGISTRAR
GM UNIVERSITY
P. B. ROAD, DAVANAGERE - 577 006.

| | | | | | | |
|---|---|---|---|---|---|---|
| | Biomedical Engineering | - | - | 60 | 60 | 60 |
| | Biomedical Engineering with specialization in Machine Intelligence | - | - | 60 | 60 | 60 |
| | Biotechnology | - | - | 120 | 120 | 120 |
| | Civil Engineering | - | - | 120 | 120 | 120 |
| | Civil Engineering with Specialization Structural Engineering | - | - | 60 | 60 | 60 |
| | Electrical and Electric Vehicle Technology | - | - | 120 | 120 | 120 |
| | Mechanical Engineering | - | - | 120 | 120 | 120 |
| | Mechanical Engineering with specialization in Automation and Robotics | - | - | 60 | 60 | 60 |
| | Mechatronics Engineering | - | - | 60 | 60 | 60 |
| | **Total** | **120** | **240** | **1200** | **1320** | **1440** |
| **MBA-Integrated** | Bachelor of Engineering with Master of Business Administration | 120 | 180 | 240 | 300 | 360 |

| **Program** | **Specialisation** | **Intake** | | | | |
|---|---|---|---|---|---|---|
| | | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** |
| | | **2023-24** | **2024-25** | **2025-26** | **2026-27** | **2027-28** |
| **M.Tech** | Civil Engineering | - | - | - | 18 | 18 |
| | Automobile Engineering | - | - | - | 18 | 18 |
| | Mechanical Engineering | - | - | - | 18 | 18 |

REGISTRAR
GM UNIVERSITY
P. B. ROAD, DAVANAGERE - 577 006.

| | | | | | | |
|---|---|---|---|---|---|---|
| | Biomedical Engineering | - | - | - | 18 | 18 |
| | Electronics and Communication | - | - | - | 18 | 18 |
| | VLSI and Embedded Systems | - | - | - | 18 | 18 |
| | Machine Design | - | - | - | 18 | 18 |
| | Power & Energy Systems | - | - | - | 18 | 18 |
| | **Total** | - | - | - | **144** | **144** |
| **PhD** | Computer Science & Engineering | 30 | 40 | 50 | 75 | 75 |
| | Biomedical Engineering | 10 | 10 | 25 | 25 | 25 |
| | Civil Engineering | - | - | 30 | 30 | 30 |
| | Mechanical Engineering | - | - | 30 | 30 | 30 |
| | Electrical and Electronics Engineering | 20 | 20 | 25 | 25 | 25 |
| | Electronics and Communication | 20 | 20 | 30 | 30 | 30 |
| | **Total** | **80** | **90** | **190** | **215** | **215** |
| **Diploma** | Computer Science and Engineering | 30 | 30 | 45 | 60 | 60 |
| | Mechanical Engineering | 30 | 30 | 45 | 60 | 60 |
| | Civil Engineering | 30 | 30 | 30 | 30 | 30 |
| | Electronics and Communication Engineering | 30 | 30 | 30 | 30 | 30 |
| | Electrical and Electronics Engineeirng | 30 | 30 | 30 | 30 | 30 |
| | Computer Science with Internet of Things | 30 | 30 | 30 | 30 | 30 |
| | Total | **180** | **180** | **210** | **240** | **240** |



REGISTRAR
GM UNIVERSITY
P. B. ROAD, DAVANAGERE - 577 006.

| Program | Specialisation | Intake | | | | |
|---|---|---|---|---|---|---|
| | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
| | | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 |
| UG | Bachelor of Commerce -(Honors) – B.Com. | 60 | 120 | 180 | 240 | 300 |
| | Bachelor of Business Administration - BBA (Business Analytics) | 60 | 120 | 180 | 240 | 300 |
| | Bachelor of Business Administration with Master of Business Administration (Integrated) | 60 | 60 | 60 | 60 | 60 |
| PG | Master of Commerce | 60 | 60 | 60 | 60 | 60 |
| | Master of Business Administration | 60 | 120 | 180 | 240 | 300 |
| | Master of Business Administration - Agriculture & Marketing | 60 | 60 | 60 | 60 | 60 |
| | Master of Business Administration - Entrepreneurship | 60 | 60 | 60 | 60 | 60 |
| | Master of Business Administration- International Business | 60 | 60 | 60 | 60 | 60 |
| Ph.D. | Ph.D. | 30 | 30 | 30 | 30 | 30 |
| | **Total** | **510** | **690** | **870** | **1050** | **1230** |
| UG | Bachelor of Computer Applications-(Honors) | 60 | 120 | 180 | 240 | 300 |
| | Bachelor of Computer Applications-Data Science | 60 | 120 | 180 | 240 | 300 |
| | Bachelor of Computer Applications with Master of Business Administration (Integrated) | 60 | 120 | 180 | 240 | 300 |

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REGISTRAR
GM UNIVERSITY
P. B. ROAD, DAVANAGERE - 577 006.

10. The University shall always strive to achieve Global Standards and shall promote research and all progressive academic activities vigorously as per Section 7 of the Act.
11. The fees and other charges that may be collected by the University shall be as per the Statutes and rules as per section 8(v). Further provisions of section 39 of the Act regarding the Fee Regulation Committee shall be complied with.
12. The reservations in admissions shall be as per section 9 of the Act.
13. National Accreditations shall be sought from respective statutory bodies.
14. The directions of the Visitor to the University i.e. the H.E the Governor of Karnataka shall be complied by the University as and when they are issued.
15. All the statutory bodies and statutory functions are to be complied by the University well in time as per Act.
16. The periodical statutory reports shall be submitted to Government as per provisions of the Act.
17. The University shall prepare annual accounts as per section 54 of the Act and also the audit of the University shall be taken up as per sub section 2 of 54 of the Act.
18. The University shall place the annual accounts and audit reports before the Board of Governors before 30th November every year.
19. The Board of Governors shall send the annual accounts along with the annual reports and audit reports before 31st December every year to the Government.

By Order and in the name of
Governor of Karnataka,

(NANDAKUMAR B.)
Under Secretary to Government,
Higher Education Department (Universities-2)

To:
The Compiler, Karnataka Gazette, Bengaluru – to publish in a Special Gazette and to supply 1000 copies.

Copy to:

1. The Secretary to Government of India, Department of Higher Education, Ministry of Human Resources, Development, Shastry Bhavan, New Delhi-11.
2. The Chairman, University Grants Commission, New Delhi.
3. The Chairman, All India Council for Technical Education, New Delhi.
4. The Chairman, NCTE, New Delhi.
5. The President, Council of Architecture, New Delhi.
6. The Secretary General, Association of Indian Universities, AIU House, No. 16, Gomrade Indrajit Gupta Marg (Kotla Marg), New Delhi 110 002.
7. The Special Secretary to Hon'ble Governor and Chancellor, Raj Bhavan, Bengaluru.
8. The Additional Chief Secretary to Chief Minister, Vidhana Soudha, Bengaluru.
9. All the Vice Chancellors/Registrars of All the Universities in Karnataka.

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REGISTRAR
GM UNIVERSITY
P. B. ROAD, DAVANAGERE - 577 006.

REGISTRAR
GM UNIVERSITY
P. B. ROAD, DAVANAGERE - 577 006.

10. The Secretary to Government, Department of Parliamentary Affairs and Legislation, Vidhana Soudha, Bengaluru.
11. The Commissioner, Technical and Collegiate Education, Bengaluru.
12. The Director, Department of Technical Education, Bengaluru.
13. The Executive Director, Karnataka State Higher Education Council, Bengaluru.
14. The PS to Hon'ble Minister for Higher Education, Vikasa Soudha, Bengaluru.
15. The Joint Secretary, Cabinet Section, Vidhana Soudha, Bengaluru.
16. The Secretary, Karnataka Legislative Assembly, Bengaluru.
17. The Secretary, Karnataka legislative Council, Bengaluru.
18. The President/Secretary, Srishyla Educational Trust (R), Davanagere.
19. PS to Additional Chief Secretary to Government, Higher Education Department.
20. PA to Deputy Secretary to Government, Higher Education Department (Universities), M.S. Building, Bengaluru.
21. SGF/Spare Copies.

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REGISTRAR
GM UNIVERSITY
P. B. ROAD, DAVANAGERE - 577 006.

**Annexure-4**

The Composition of Board of Studies, Academic Council and Board of Management are given in

1. **Board of Studies (All Boards of Studies)**

| **School of Computer Science and Technology** | | | | |
|---|---|---|---|---|
| **Board of Studies in Computer Science and Engineering** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. H. D. Maheshappa | Pro-Vice Chancellor | Chairperson | pro-vc@gmu.ac.in |
| 2 | Dr. G. M. Patil | Dean - FET | Member | dean.fet@gmu.ac.in |
| 3 | Dr. Sanjay Pande M B | Director – School of Computer Science and Technology | Chairman of BoS | dir.se@gmu.ac.in |
| 4 | Dr. Shreedhara K S | Professor, University BDT College of Engineering | External Member | |
| 5 | Dr. Manjunatha S | Professor, Department of Computer Science and Engineering, Cambridge Institute of Technology | External Member | Manjunaths.cse@cambridge.edu.in |
| 6 | Dr. Rajendra Hegadi | Professor and Dean, Department of Data Science and intelligent Systems, IIIT Dharwad | External Member | rajendrahegadi@iiitdwd.ac.in |
| 7 | Dr. C M Ravi Kumar | Professor, University BDT College of Engineering | External Member | |
| 8 | Dr. Veerappa B N | Professor, Department of Information Science and Engineering, GM University | Member | veerappagn@gmit.ac.in |
| 9 | Dr. Neelambike S | Associate Professor, Department of Computer Science | Member | neelambikes@gmit.ac.in |

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|---|---|---|---|---|
| | | and Engineering, GM University | | |
| 10 | Dr. Varun B K | Associate Professor, Department of Civil Engineering, GM University | Member | varunbk@gmit.ac.in |
| 11 | Mrs. Nayana K | Assistant Professor, Department of Computer Science and Engineering, GM University | Member | nayanak@gmit.ac.in |
| 12 | Mrs. Spoorthy B | Assistant Professor, Department of Civil Engineering, GM University | Member | spoorthyb@gmit.ac.in |
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| 15 | Mrs. Kavayashree P N | Assistant Professor, Department of Computer Science and Engineering, , GM University | Member | kavyashreepn@gmit.ac.in |
| 16 | Dr. Asha K | Associate Professor, Department of Computer Science and Engineering, , GM University | Member | ashak@gmit.ac.in |
| 17 | Mrs. Muktha Pujjar | Associate Professor, Department of AIML, , GM University | Member | muktapujar@gmit.ac.in |

| Board of Studies in Information Science and Engineering | | | | |
|---|---|---|---|---|
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
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| | | | | |
|---|---|---|---|---|
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| 17 | Mrs. Muktha Pujjar | Associate Professor, Department of AIML, , GM University | Member | muktapujar@gmit.ac.in |

| Board of Studies in Artificial Intelligence and Machine Learning | | | | |
|---|---|---|---|---|
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
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| Board of Studies in Computer Science - Data Science | | | | |
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| | | | | |
|---|---|---|---|---|
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| 17 | Mrs. Muktha Pujjar | Associate Professor, Department of AIML, , GM University | Member | muktapujar@gmit.ac.in |

| Board of Studies in Computer Science – Cyber Security | | | | |
|---|---|---|---|---|
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| | | | | |
|---|---|---|---|---|
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| Board of Studies in Computer Science – Cloud Computing | | | | |
|---|---|---|---|---|
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| 12 | Mrs. Spoorthy B | Assistant Professor, Department of Civil | Member | spoorthyb@gmit.ac.in |

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|---|---|---|---|---|
| | | Engineering, , GM University | | |
| 13 | Mr. Santhoshkumar M | Assistant Professor, Department of Computer Science and Engineering, , GM University | Member | santoshk@gmit.ac.in |
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| 15 | Mrs. Kavayashree P N | Assistant Professor, Department of Computer Science and Engineering, , GM University | Member | kavyashreepn@gmit.ac.in |
| 16 | Dr. Asha K | Associate Professor, Department of Computer Science and Engineering, , GM University | Member | ashak@gmit.ac.in |
| 17 | Mrs. Muktha Pujjar | Associate Professor, Department of AIML, , GM University | Member | muktapujar@gmit.ac.in |

| Board of Studies in Computer Science – Information Security | | | | |
|---|---|---|---|---|
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. H.D. Maheshappa | Pro-Vice Chancellor | Chairperson | pro-vc@gmu.ac.in |
| 2 | Dr. G.M. Patil | Dean - FET | Member | dean.fet@gmu.ac.in |
| 3 | Dr. Sanjay Pande M B | Director – School of Computer Science and Technology | Chairman of BoS | dir.se@gmu.ac.in |
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| SCS : School of Computer Science - UG | | | | |
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| **Board of Studies in B.Sc – AI and Data Analytics** | | | | |
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| School of Computer Science (SCS)- PG | | | | |
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| **Board of Studies in M. Sc – Cyber Security** | | | | |
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| School of Computer Science (SCS)- PG | | | | |
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| School of Computer Science (SCS)- PG | | | | |
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| School of Computer Applications (SCA) - UG | | | | |
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| School of Computer Applications (SCA) - PG | | | | |
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| **School of Mathematical and Physical Sciences - UG** | | | | |
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| School of Management (SM) – UG | | | | |
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| School of Management (SM) – UG | | | | |
|---|---|---|---|---|
| **Board of Studies for BBA – Business Analytics** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – UG | | | | |
|---|---|---|---|---|
| **Board of Studies for BBA – Digital Marketing and Social Media** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – UG | | | | |
|---|---|---|---|---|
| **Board of Studies for BBA – Human Resource Management** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – PG | | | | |
|---|---|---|---|---|
| **Board of Studies for MBA – General Management** | | | | |
| **Human Resource Management** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – PG | | | | |
|---|---|---|---|---|
| **Operations Management** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – PG | | | | |
|---|---|---|---|---|
| **Financial Management** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – PG | | | | |
|---|---|---|---|---|
| **Marketing Management** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – PG | | | | |
|---|---|---|---|---|
| **Board of Studies for MBA – Innovation and Entrepreneurship Management** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – PG | | | | |
|---|---|---|---|---|
| **Business Analytics** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – PG | | | | |
|---|---|---|---|---|
| **Board of Studies for MBA – International Business** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

| School of Management (SM) – PG | | | | |
|---|---|---|---|---|
| **Board of Studies for MBA – Agricultural Marketing** | | | | |
| **Sl. No** | **Name** | **Designation** | **Affiliation** | **Contact** |
| 1 | Dr. Basavaraj Swamy | Dean-FCM | Chairman | dean.fcm@gmu.ac.in |
| 2 | Dr. B Bakkappa | Director | Internal Member | drbakkappab@gmit.ac.in |
| 3 | Dr. Basavaraju P S | Director | Internal Member | dir.sm@gmu.ac.in |
| 4 | Dr. R Vijayabaskaran | Professor | External Member | drrvijaya.baskaran@eastpoint.ac.in |
| 5 | Prof. Nagaraj Subbarao | Dean CEE & Professor | External Member | dean-cee@dsu.edu.in |
| 6 | Dr. K Jagadeswari | Assistant Professor | Internal Member | kjagadeswari@gmit.ac.in |
| 7 | Mr. Shreeshaila P Vijayapur | Assistant Professor | Internal Member | shreeshailapv@gmit.ac.in |
| 8 | Mr. Vinay I | Assistant Professor | Internal Member | vinayi@gmit.ac.in |

## 2. Academic Council

| Sl. No. | Name | Affiliation | Designation | Contact |
|---|---|---|---|---|
| 1 | Dr. S R Shankapal | Vice Chancellor | Chairperson | vc@gmu.ac.in, 93640 99718 |
| 2 | Dr. H D Maheshappa | Pro-Vice Chancellor | Member | pro-vc@gmu.ac.in, 93640 99719 |
| 3 | Dr. Sunil Kumar B S | Registrar | Member Secretary | registrar@gmu.ac.in , 6364259993 |
| 4 | Dr. Sanjay Pande M B | Director-SCST | Member | dir.scst@gmu.ac.in |
| 5 | Dr. Praveen J | Director-SE | Member | dir.se@gmu.ac.in |
| 6 | Dr. Shweta Marigoudar | Dean-GMU | Member | dean-fcit@gmu.ac.in , 7483104606 |
| 7 | Dr. Santhosh B M | Dean, FBAS | Member | dean.fbas@gmu.ac.in , |
| 8 | | Dean- FCM | Member | dean.fcm@gmu.ac.in |
| 9 | Dr. Gangadhar Hugar | Associate Dean-FCM | Member | assdean.fcm.sm@gmu.ac.in |
| 10 | H A Balasubramanya | Director (Formerly), RMP | Member | baluhangud@gmail.com , 9886497008 |
| 11 | Dr. Deepak K T | IIIT-Dharwad | Member | Deepak@iiitdwd.ac.in, 9900456936 |
| 12 | Dr. Sreedhara K S | UBDT, Davanagere | Member | ks_sreedhara@yahoo.com 9448009306 |
| 13 | Mr. Virupaksha | Alumnus of GMIT | Member | virupakshibn@gmail.com, 8861012937 |
| 14 | Sunil S. Batnavar | ALS-Bangalore | Member | sunilts@tmisystems.in, 9019062761 |
| 15 | Girish Pattanshetty | An Independent Journalist | Member | gishipa@gmail.com , 9448057276 |
| 16 | Mr. Shivakumar Gouda Patil | Director- FLSPP | Member | dir.flspp@gmu.ac.in |
| 17 | Dr. Girish Bolakatti | Dean-FHAS | Member | dean.fhas@gmu.ac.in |
| 18. | Dr. Mahadeva Prasanna | IIT Dharwad | Member | Prasanna@iitdh.ac.in , 9954008138 |

### 3. Board of Management

| Sl. No. | Name | Affiliation | Designation | Contact |
|---|---|---|---|---|
| 1 | Dr. S R Shankapal | Vice Chancellor | Chairperson | vc@gmu.ac.in, 93640 99718 |
| 2 | Dr. H D Maheshappa | Pro Vice Chancellor | Member | pro-vc@gmu.ac.in, 93640 99719 |
| 3 | Dr. Sunil Kumar B S | Registrar | Member-Secretary | registrar@gmu.ac.in , 6364259993 |
| 4 | G S Anith Kumar | Treasurer -SET | Member | anithkumargs@gmail.com, 9900929999 |
| 5 | G L Rajeev | Trustee | Member | rajivgl99@gmail.com , 9986160888 |
| 6 | G P Mallikarjun | Trustee | Member | 9632752811 |
| 7 | Dr. Sanjay Pande M B | Director, SCST | Member | dir.scst@gmu.ac.in |
| 8 | Dr. Praveen J | Director, SE | Member | Dir.se@gmu.ac.in |
| 7 | Dr. Shweta Marigoudar | Dean-FCIT | Member | dean-fcit@gmu.ac.in , 7483104606 |
| 8 | Dr. Girish Bolakatti | Dean-FHAS | Member | dean.fhas@gmu.ac.in 9901499119 |
| 9 | Dr. Kiran Kumar H S | Director-Student Affairs | Member | dir.sa@gmu.ac.in ; 9663368484 |
| 10 | Shri. Shivamurthy K S | Chief Engineer –GMU | Member | pd@gmu.ac.in; 9448368444 |
| 11 | CA. Ashok Kumar | CFO | Member | cfo@gmu.ac.in |
| 12 | Mr. Subhash Chandra Y U | MR | Member | subhashyu@gmu.ac.in |
| 13 | Dr. Santosh Kumar | Dean-FBAS | Member | dean.fbas@ac.in |
| 14 | Dr. Gangadhar Hugar | Asso.Dean-FCM | Member | assdean.fcm.sm@gmu.ac.in |
| 15 | | Dean -FCM | Member | dean.fcm@gmu.ac.in |

**Annexure-5**

**Minutes of the meeting of Board of Studies, Academic Council and Board of Management**

# BoS - Minutes of Faculty of Engineering & Technology – SCST

## GM UNIVERSITY, DAVANGERE
**Faculty of Engineering & Technology**

## School of Computer Science and Technology
**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **21/12/2023** | **Time** | **10.00am to 1.30pm** |
| **School Title** | **School of Computer Science and Technology** | | |
| **Program Title** | **B.Tech in Computer Science -Information Security** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. H.D. Maheshappa**<br>Pro-Vice Chancellor<br>GM University<br>Davangere – 577006<br>Email: pro-vc@gmu.ac.in | **Chairperson** | |
| **Dr. G. M. Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>Email: dean-fet@gmu.ac.in | **Member** | |
| **Dr. Sanjay Pande M B**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>Email: directorfet.se@gmu.ac.in | **Chairman** | |
| **Dr. Shreedhara K S**<br>Professor<br>University BDT College of Engineering<br>Davangere - 577004<br>Email: | **External Member** | |
| **Dr. Manjunatha S**<br>Professor<br>Department of Computer Science and Engineering<br>Cambridge Institute of Technology<br>Bangalore - 560036<br>Email: manjunaths.cse@cambridge.edu.in | **External Member** | |
| **Dr. Rajendra Hegadi**<br>Professor and Dean<br>Dept. of Data Science and intelligent Systems<br>IIIT Dharwad<br>Email: rajendrahegadi@iiitdwd.ac.in | **External Member** | |

| | | |
|---|---|---|
| **Mrs. Kavayashree P N**<br>Assistant Professor<br>Dept. of CSE<br>GM University<br>Davangere – 577006<br>kavyashreepn@gmit.ac.in | **Member** | Kavyashree |
| **Dr. Asha K**<br>Associate Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>Email: ashak@gmit.ac.in | **Member** | |
| **Mrs. Muktha Pujjar**<br>Assistant Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>muktapujar@gmit.ac.in | **Member** | Muktha. L.P |

| **Agenda** | **School: Computer Science and Technology**<br>**Scheme (I Sem to VIII Sem)** |
|---|---|
| **Recommendation made by the Expert members** | **I – Sem to VIII – Sem Suggestion to be included** |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | |

5/12/2023

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),

# GM University, Davanagere

(Established Under the Karnataka State Act No. 19, of 2023)

## School: Computer Science and Technology

| Agenda | Review of Scheme ( I SEM to VIII SEM) |
|---|---|
| **Recommendation made by the Expert Members** | **Course Finalization:** Discussed and finalized the course structure for the upcoming academic year in the Computer Science Information Security Department. Considered input from faculty members and industry experts to ensure relevance and alignment with industry trends. |
| | **Assessment Methods:** Discussed and finalized assessment methods for courses, ensuring a balance between theoretical understanding and practical application. |
| **Incorporation made in the Existing Program Documents** | Incorporation made in the existing program documents |
| **Proposed Next Meeting Date** | **March/April - 2024** |

**Dr. G M Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),
**GM University, Davanagere**
(Established Under the Karnataka State Act No. 19, of 2023)
**School: Computer Science and Technology**

# B.Tech – Computer Science Internet of Things

# GM UNIVERSITY, DAVANGERE
## Faculty of Engineering & Technology

## School of Computer Science and Technology
**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **21/12/2023** | **Time** | **10.00am to 1.30pm** |
| **School Title** | **School of Computer Science and Technology** | | |
| **Program Title** | **B.Tech in Computer Science – Internet of Things** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. H.D. Maheshappa**<br>Pro-Vice Chancellor<br>GM University<br>Davangere – 577006<br>Email: pro-vc@gmu.ac.in | **Chairperson** | 21/12/23 |
| **Dr. G. M. Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>Email: dean-fet@gmu.ac.in | **Member** | |
| **Dr. Sanjay Pande M B**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>Email: directorfet.se@gmu.ac.in | **Chairman** | |
| **Dr. Shreedhara K S**<br>Professor<br>University BDT College of Engineering<br>Davangere - 577004<br>Email: | **External Member** | |
| **Dr. Manjunatha S**<br>Professor<br>Department of Computer Science and Engineering<br>Cambridge Institute of Technology<br>Bangalore - 560036<br>Email: manjunaths.cse@cambridge.edu.in | **External Member** | |
| **Dr. Rajendra Hegadi**<br>Professor and Dean<br>Dept. of Data Science and intelligent Systems<br>IIIT Dharwad<br>Email: rajendrahegadi@iiitdwd.ac.in | **External Member** | |

| | | |
|---|---|---|
| **Mrs. Kavayashree P N**<br>Assistant Professor<br>Dept. of CSE<br>GM University<br>Davangere – 577006<br>kavyashreepn@gmit.ac.in | **Member** | Kavyashree |
| **Dr. Asha K**<br>Associate Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>Email: ashak@gmit.ac.in | **Member** | AK |
| **Mrs. Muktha Pujjar**<br>Assistant Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>muktapujar@gmit.ac.in | **Member** | Muktha.L.P |

| **Agenda** | **School: Computer Science and Technology**<br>**Scheme (I Sem to VIII Sem)** |
|---|---|
| **Recommendation made by the Expert members** | **I – Sem to VIII – Sem Suggestion to be included** |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | |

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),

# GM University, Davanagere

(Established Under the Karnataka State Act No. 19, of 2023)

## School: Computer Science and Technology

| Agenda | Review of Scheme ( I SEM to VIII SEM) |
|---|---|
| **Recommendation made by the Expert Members** | **Course Finalization:** Discussed and finalized the course structure for the upcoming academic year in the Computer Science Internet of Things Department. Considered input from faculty members and industry experts to ensure relevance and alignment with industry trends. |
| | **Assessment Methods:** Discussed and finalized assessment methods for courses, ensuring a balance between theoretical understanding and practical application. |
| **Incorporation made in the Existing Program Documents** | Incorporation made in the existing program documents |
| **Proposed Next Meeting Date** | **March/April - 2024** |

**Dr. G M Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),
**GM University, Davanagere**
(Established Under the Karnataka State Act No. 19, of 2023)
**School: Computer Science and Technology**

# B.Tech – Computer Science Business systems

# GM UNIVERSITY, DAVANGERE
## Faculty of Engineering & Technology

# School of Computer Science and Technology
**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **21/12/2023** | **Time** | **10.00am to 1.30pm** |
| **School Title** | **School of Computer Science and Technology** | | |
| **Program Title** | **B.Tech in Computer Science -Business Systems** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. H.D. Maheshappa**<br>Pro-Vice Chancellor<br>GM University<br>Davangere – 577006<br>Email: pro-vc@gmu.ac.in | **Chairperson** | |
| **Dr. G. M. Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>Email: dean-fet@gmu.ac.in | **Member** | |
| **Dr. Sanjay Pande M B**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>Email: directorfet.se@gmu.ac.in | **Chairman** | |
| **Dr. Shreedhara K S**<br>Professor<br>University BDT College of Engineering<br>Davangere - 577004<br>Email: | **External Member** | |
| **Dr. Manjunatha S**<br>Professor<br>Department of Computer Science and Engineering<br>Cambridge Institute of Technology<br>Bangalore - 560036<br>Email: manjunaths.cse@cambridge.edu.in | **External Member** | |
| **Dr. Rajendra Hegadi**<br>Professor and Dean<br>Dept. of Data Science and intelligent Systems<br>IIIT Dharwad<br>Email: rajendrahegadi@iiitdwd.ac.in | **External Member** | |

| | | |
|---|---|---|
| **Mrs. Kavayashree P N**<br>Assistant Professor<br>Dept. of CSE<br>GM University<br>Davangere – 577006<br>kavyashreepn@gmit.ac.in | **Member** | Kavyashree |
| **Dr. Asha K**<br>Associate Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>Email: ashak@gmit.ac.in | **Member** | AK |
| **Mrs. Muktha Pujjar**<br>Assistant Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>muktapujar@gmit.ac.in | **Member** | Muktha.P |

| **Agenda** | **School: Computer Science and Technology**<br>**Scheme (I Sem to VIII Sem)** |
|---|---|
| **Recommendation made by the Expert members** | **I – Sem to VIII – Sem Suggestion to be included** |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | |

12/2023

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),

# GM University, Davanagere

(Established Under the Karnataka State Act No. 19, of 2023)

## School of Advanced Studies

### List of Programs Offered

| Sl No | Programs |
|---|---|
| 1. | M.Tech – Data Engineering |
| 2. | M.Tech – Deep Learning |
| 3. | M.Tech – AI In Healthcare |
| 4. | M.Tech – Computer Aided Structural Engineering |




Srishyla Educational Trust (R),

**GM University, Davanagere**

(Established Under the Karnataka State Act No. 19, of 2023)

**School of Advanced Studies**

# M.Tech – Data Engineering

# GM UNIVERSITY, DAVANGERE
## Faculty of Engineering & Technology

## GM School of Advanced Studies
**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **21/12/2023** | **Time** | **10.00am to 1.30pm** |
| **School Title** | **GM School of Advanced Studies** | | |
| **Program Title** | **M. Tech. in Data Engineering** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. H.D. Maheshappa**<br>Pro-Vice Chancellor<br>GM University<br>Davangere – 577006<br>Email: pro-vc@gmu.ac.in | **Chairperson** | |
| **Dr. G. M. Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>Email: dean-fet@gmu.ac.in | **Member** | |
| **Dr. Sanjay Pande M B**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>Email: directorfet.se@gmu.ac.in | **Chairman** | |
| **Dr. Shreedhara K S**<br>Professor<br>University BDT College of Engineering<br>Davangere - 577004<br>Email: | **External Member** | |
| **Dr. Manjunatha S**<br>Professor<br>Department of Computer Science and Engineering<br>Cambridge Institute of Technology<br>Bangalore - 560036<br>Email: manjunaths.cse@cambridge.edu.in | **External Member** | |
| **Dr. Rajendra Hegadi**<br>Professor and Dean<br>Dept. of Data Science and intelligent Systems<br>IIIT Dharwad<br>Email: rajendrahegadi@iiitdwd.ac.in | **External Member** | |

| | | |
|---|---|---|
| **Mrs. Kavayashree P N**<br>Assistant Professor<br>Dept. of CSE<br>GM University<br>Davangere – 577006<br>kavyashreepn@gmit.ac.in | **Member** | Kavyashree |
| **Dr. Asha K**<br>Associate Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>Email: ashak@gmit.ac.in | **Member** | |
| **Mrs. Muktha Pujjar**<br>Assistant Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>muktapujar@gmit.ac.in | **Member** | Mukta.C.P |

| **Agenda** | **School: GM School of Advanced Studies<br>Scheme (I Sem to IV Sem)** |
|---|---|
| **Recommendation made by the Expert members** | **I – Sem to IV – Sem Suggestion to be included** |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | |

28/12/2023

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),

# GM University, Davanagere

(Established Under the Karnataka State Act No. 19, of 2023)

## School of Advanced Studies

| Agenda | Review of Scheme ( I SEM to VIII SEM) |
|---|---|
| Recommendation made by the Expert Members | **Course Finalization:** Discussed and finalized the course structure for the upcoming academic year in the Data Engineering Department. Considered input from faculty members and industry experts to ensure relevance and alignment with industry trends. |
| | **Assessment Methods:** Discussed and finalized assessment methods for courses, ensuring a balance between theoretical understanding and practical application. |
| Incorporation made in the Existing Program Documents | Incorporation made in the existing program documents |
| Proposed Next Meeting Date | March/April - 2024 |

Dr. G M Patil
Dean Faculty of Engineering

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.




Srishyla Educational Trust (R),

**GM University, Davanagere**

(Established Under the Karnataka State Act No. 19, of 2023)

**School of Advanced Studies**

# M.Tech – Deep Learning

# GM UNIVERSITY, DAVANGERE
## Faculty of Engineering & Technology

## GM School of Advanced Studies
**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **21/12/2023** | **Time** | **10.00am to 1.30pm** |
| **School Title** | **GM School of Advanced Studies** | | |
| **Program Title** | **M. Tech. in Deep Learning** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. H.D. Maheshappa**<br>Pro-Vice Chancellor<br>GM University<br>Davangere – 577006<br>Email: pro-vc@gmu.ac.in | **Chairperson** | 21/12/23 |
| **Dr. G. M. Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>Email: dean-fet@gmu.ac.in | **Member** | |
| **Dr. Sanjay Pande M B**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>Email: directorfet.se@gmu.ac.in | **Chairman** | |
| **Dr. Shreedhara K S**<br>Professor<br>University BDT College of Engineering<br>Davangere - 577004<br>Email: | **External Member** | |
| **Dr. Manjunatha S**<br>Professor<br>Department of Computer Science and Engineering<br>Cambridge Institute of Technology<br>Bangalore - 560036<br>Email: manjunaths.cse@cambridge.edu.in | **External Member** | |
| **Dr. Rajendra Hegadi**<br>Professor and Dean<br>Dept. of Data Science and intelligent Systems<br>IIIT Dharwad<br>Email: rajendrahegadi@iiitdwd.ac.in | **External Member** | |

| | | |
|---|---|---|
| **Mrs. Kavayashree P N**<br>Assistant Professor<br>Dept. of CSE<br>GM University<br>Davangere – 577006<br>kavyashreepn@gmit.ac.in | **Member** | Kavyashree |
| **Dr. Asha K**<br>Associate Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>Email: ashak@gmit.ac.in | **Member** | |
| **Mrs. Muktha Pujjar**<br>Assistant Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>muktapujar@gmit.ac.in | **Member** | Mukta. L-1 |

| **Agenda** | **School: GM School of Advanced Studies<br>Scheme (I Sem to IV Sem)** |
|---|---|
| **Recommendation made by the Expert members** | **I – Sem to IV – Sem Suggestion to be included** |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | |

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),

# GM University, Davanagere

(Established Under the Karnataka State Act No. 19, of 2023)

## School of Advanced Studies

| Agenda | Review of Scheme ( I SEM to VIII SEM) |
|---|---|
| Recommendation made by the Expert Members | **Course Finalization:** Discussed and finalized the course structure for the upcoming academic year in the Deep Learning Department. Considered input from faculty members and industry experts to ensure relevance and alignment with industry trends. |
| | **Assessment Methods:** Discussed and finalized assessment methods for courses, ensuring a balance between theoretical understanding and practical application. |
| Incorporation made in the Existing Program Documents | Incorporation made in the existing program documents |
| Proposed Next Meeting Date | March/April - 2024 |

Dr. G M Patil
Dean Faculty of Engineering

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),
**GM University, Davanagere**
(Established Under the Karnataka State Act No. 19, of 2023)
**School of Advanced Studies**

# M.Tech – AI in Healthcare

# GM UNIVERSITY, DAVANGERE
## Faculty of Engineering & Technology

## GM School of Advanced Studies
**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **21/12/2023** | **Time** | **10.00am to 1.30pm** |
| **School Title** | **GM School of Advanced Studies** | | |
| **Program Title** | **M. Tech. in AI in Healthcare** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. H.D. Maheshappa**<br>Pro-Vice Chancellor<br>GM University<br>Davangere – 577006<br>Email: pro-vc@gmu.ac.in | **Chairperson** | |
| **Dr. G. M. Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>Email: dean-fet@gmu.ac.in | **Member** | |
| **Dr. Sanjay Pande M B**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>Email: directorfet.se@gmu.ac.in | **Chairman** | |
| **Dr. Shreedhara K S**<br>Professor<br>University BDT College of Engineering<br>Davangere - 577004<br>Email: | **External Member** | |
| **Dr. Manjunatha S**<br>Professor<br>Department of Computer Science and Engineering<br>Cambridge Institute of Technology<br>Bangalore - 560036<br>Email: manjunaths.cse@cambridge.edu.in | **External Member** | |
| **Dr. Rajendra Hegadi**<br>Professor and Dean<br>Dept. of Data Science and intelligent Systems<br>IIIT Dharwad<br>Email: rajendrahegadi@iiitdwd.ac.in | **External Member** | |

| | | |
|---|---|---|
| **Mrs. Kavayashree P N**<br>Assistant Professor<br>Dept. of CSE<br>GM University<br>Davangere – 577006<br>kavyashreepn@gmit.ac.in | **Member** | Kavyashree |
| **Dr. Asha K**<br>Associate Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>Email: ashak@gmit.ac.in | **Member** | |
| **Mrs. Muktha Pujjar**<br>Assistant Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>muktapujar@gmit.ac.in | **Member** | Mukta. LP |

| **Agenda** | **School: GM School of Advanced Studies<br>Scheme (I Sem to IV Sem)** |
|---|---|
| **Recommendation made by the Expert members** | **I – Sem to IV – Sem Suggestion to be included** |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | |

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere

Srishyla Educational Trust (R),

# GM University, Davanagere

(Established Under the Karnataka State Act No. 19, of 2023)

## School of Advanced Studies

| Agenda | Review of Scheme ( I SEM to VIII SEM) |
|---|---|
| Recommendation made by the Expert Members | **Course Finalization:** Discussed and finalized the course structure for the upcoming academic year in the AI in Healthcare Department. Considered input from faculty members and industry experts to ensure relevance and alignment with industry trends. |
| | **Assessment Methods:** Discussed and finalized assessment methods for courses, ensuring a balance between theoretical understanding and practical application. |
| Incorporation made in the Existing Program Documents | Incorporation made in the existing program documents |
| Proposed Next Meeting Date | March/April - 2024 |

Dr. G M Patil
Dean Faculty of Engineering

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),

**GM University, Davanagere**

(Established Under the Karnataka State Act No. 19, of 2023)

**School of Advanced Studies**

# M.Tech – Computer Aided Structural Engineering

# GM UNIVERSITY, DAVANGERE
## Faculty of Engineering & Technology

## GM School of Advanced Studies
**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **21/12/2023** | **Time** | **10.00am to 1.30pm** |
| **School Title** | **GM School of Advanced Studies** | | |
| **Program Title** | **M. Tech. in Computer Aided Structural Engineering** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. H.D. Maheshappa**<br>Pro-Vice Chancellor<br>GM University<br>Davangere – 577006<br>Email: pro-vc@gmu.ac.in | **Chairperson** | 21/12/23 |
| **Dr. G. M. Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>Email: dean-fet@gmu.ac.in | **Member** | |
| **Dr. Sanjay Pande M B**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>Email: directorfet.se@gmu.ac.in | **Chairman** | |
| **Dr. Shreedhara K S**<br>Professor<br>University BDT College of Engineering<br>Davangere - 577004<br>Email: | **External Member** | |
| **Dr. Manjunatha S**<br>Professor<br>Department of Computer Science and Engineering<br>Cambridge Institute of Technology<br>Bangalore - 560036<br>Email: manjunaths.cse@cambridge.edu.in | **External Member** | |
| **Dr. Rajendra Hegadi**<br>Professor and Dean<br>Dept. of Data Science and intelligent Systems<br>IIIT Dharwad<br>Email: rajendrahegadi@iiitdwd.ac.in | **External Member** | |

| | | |
|---|---|---|
| **Mrs. Kavayashree P N**<br>Assistant Professor<br>Dept. of CSE<br>GM University<br>Davangere – 577006<br>kavyashreepn@gmit.ac.in | **Member** | Kavyashree |
| **Dr. Asha K**<br>Associate Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>Email: ashak@gmit.ac.in | **Member** | |
| **Mrs. Muktha Pujjar**<br>Assistant Professor<br>Dept. of AIML<br>GM University<br>Davangere – 577006<br>muktapujar@gmit.ac.in | **Member** | Muktha.L.P |

| **Agenda** | **School: GM School of Advanced Studies**<br>**Scheme (I Sem to IV Sem)** |
|---|---|
| **Recommendation made by the Expert members** | **I – Sem to IV – Sem Suggestion to be included** |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | |

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

Srishyla Educational Trust (R),

# GM University, Davanagere

(Established Under the Karnataka State Act No. 19, of 2023)

## School of Advanced Studies

| Agenda | Review of Scheme ( I SEM to VIII SEM) |
|---|---|
| Recommendation made by the Expert Members | **Course Finalization:** Discussed and finalized the course structure for the upcoming academic year in the Computer Aided Structural Engineering Department. Considered input from faculty members and industry experts to ensure relevance and alignment with industry trends. |
| | **Assessment Methods:** Discussed and finalized assessment methods for courses, ensuring a balance between theoretical understanding and practical application. |
| Incorporation made in the Existing Program Documents | Incorporation made in the existing program document |
| Proposed Next Meeting Date | **March/April - 2024** |

**Dr. G M Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

# GM UNIVERSITY, DAVANGERE
## Faculty of Engineering & Technology
## School: School of Engineering
### Department: Electronics and Communication Engineering

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | 26/12/2023 | **Time** | 2.00pm to 5.00pm |
| **School Title** | School of Engineering | | |
| **Program Title** | B.Tech in Electronics and Communication Engineering | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. H.D. Maheshappa**<br>Pro-Vice Chancellor<br>GM University<br>Davangere – 577006<br>Email: pro-vc@gmu.ac.in | Chairperson | 261223 |
| **Dr. G. M. Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>Email: dean-fet@gmu.ac.in | Member | 26/12/23 |
| **Dr. Praveen J**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>Email: directorfet.se@gmu.ac.in | Chairman | 26/12/23 |
| **Dr. Manjunath P**<br>Principal<br>JNN College of Engineering<br>Shivamogga - 577204<br>Email: manjunath_p@jnnce.ac.in | External Member | 26/12/23 |
| **Dr. K M Sudharshan**<br>Professor & Director<br>School of ECE<br>Reva University<br>Bangalore - 560061<br>Email: dir.ece@reva.in | External Member | 261223 |
| **Dr. H S Aravind**<br>Professor<br>Dept. of ECE<br>JSSATE<br>Bangalore – 560059<br>Email: aravindhs@jssateb.ac.in | Academic Invited Member | 26/12/23 |

| | | |
|---|---|---|
| **Mr. Yatheesh H G**<br>Technical Engineer<br>Microchip Technologies<br>Bangalore – 560048<br>Email: Yatheesh.renu@gmail.com | Industry Invited Member | |
| **Dr. Kavitha K J**<br>Associate Professor<br>Dept. of ECE<br>GM University<br>Davangere – 577006<br>Email: kavithakj@gmit.ac.in | Member | 26/12/23 |
| **Dr. Somashekar G C**<br>Associate Professor<br>Dept. of ECE<br>GM University<br>Davangere – 577006<br>somashekhargc@gmit.ac.in | Member | 26/12/23 |
| **Mr. Harisha G C**<br>Assistant Professor<br>Dept. of ECE<br>GM University<br>Davangere – 577006<br>harishgc@gmit.ac.in | Member | 26/12/23 |
| **Mr. Samapth Kumar B**<br>Assistant Professor<br>Dept. of ECE<br>GM University<br>Davangere – 577006<br>samapthkumarb@gmit.ac.in | Member | 26/12/23 |

| Agenda | Review of Scheme (I Sem to VIII Sem) for B.Tech in Electronics and Communication Engineering |
|---|---|
| **Recommendation made by the Expert members** | • For integrated courses, it may be indicated by an appropriated/suitable course code or an "I" within brackets as suffix to the respective subject name.<br>Ex: Advanced Calculus and Linear Algebra (I)<br>• The suggestions are received from the experts for the Placement coordinators to collect feedback from interviewing HR's during placement selection for the students regarding their expectation.<br>• The Research Methodology and IPR Course to be included before the start of Mini Project.<br><br>**I- Semester**<br>• Engineering Mathematics - I course name to be renamed with respect to branch of study.<br>• Problem solving through C-Programming course has to be designed by writing the programs on the subjects/topics related to the branch of study.<br><br>**II- Semester**<br>• Engineering Mathematics - II course name to be renamed with respect to branch of study.<br>• Problem solving through Python Programming course has to be designed by writing the programs on the subjects/topics related to the branch of study.<br>• Analog and Digital Design Practice lab has to be separated.<br><br>**III- Semester**<br>• Engineering Mathematics - III course name to be renamed with respect to branch of study.<br>• In Network Theory and Analysis, the concepts of RC and RLC analysis has to be included.<br>• In Control System and Applications, the practical approach towards the design of Nyquist plot, Bode Plot etc has to be included.<br><br>**IV- Semester**<br>• Embedded System Design (8051) Course title has to be renamed as Embedded System Design and should incorporate the basics of Microprocessor and Microcontrollers with applications.<br>• The basics of Cryptography techniques may be added in the course Exploring Information Theory.<br><br>**V- Semester**<br>• Basic concepts and application related Syllabus to be framed for Electromagnetic Wave Theory.<br>• Analog and Digital design may be incorporated in CMOS Circuits and Layout Design Practice.<br>• The suggestions are received by the experts to increase the number of Professional electives and Open electives based on subject domain. |

| | |
|---|---|
| | **VI- Semester**<br>• The Course title IoT Applications in Infrastructure Design has to be modified with generic title.<br>• Capstone Mini Project has to be renamed as Mini Project.<br>• The Course Object Oriented Programming in C++ may be taken as Core Subject.<br><br>**VII- Semester**<br>• LTE and 5G Essentials Course title to be renamed as 5G and 6G Beyond.<br>• The Machine Learning with Python may be opted as Professional Elective.<br>• The course Power Electronics related to Electric Vehicle Design may be taken as professional Subject.<br>• The NPTEL Course must be made as mandatory course. |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | March/April - 2024 |

12/2023

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

-

# GM UNIVERSITY, DAVANGERE

**Faculty of Engineering & Technology**

**School: School of Engineering**

**Department: Electrical and Electronics Engineering**

## BOS MINUTES OF MEETING

| | | | |
|---|---|---|---|
| **Date** | **26-12-2023** | **Time** | **9:00AM** |
| **School Title** | **SCHOOL OF ENGINEERING** | | |
| **Program Title** | **B.Tech in Electrical and Electronics Engineering** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr.H.D.Maheshappa**<br>Pro Vice Chancellor<br>GM University<br>Davangere – 577006<br>**Email:gmu-provc@gmit.ac.in** | **Chairperson** | |
| **Dr.G.M.Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>**Email:dean-fet@gmu.ac.in** | **Member** | |
| **Dr. Praveen J**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>**Email:directorfet.se@gmu.ac.in** | **Member** | |
| **Dr. Shekharappa G. Ankaliki**<br>Professor and Head<br>Department of Electrical & Electronics Engineering,<br>SDM College of Engineering and Technology, Dharwad-580002<br>**Email:sgasdmee@sdmcet.ac.in** | **External Member** | |

| | | |
|---|---|---|
| **Dr. Kumarswamy B G**<br>Professor and Head<br>Department of Electrical & Electronics Engineering,<br>SJM Institute of Technology,<br>Chitradurga-577502<br>**Email:hod.eee@sjmit.ac.in** | **External Member** | |
| **Dr. Murugendrappa N**<br>Associate Professor<br>Dept. of EEE<br>GM University<br>Davangere – 577006<br>**Email: murugendrappan@gmit.ac.in** | **Member** | |
| **Mr. Anil Kumar T.R.B**<br>Assistant Professor<br>Dept. of EEE<br>GM University<br>Davangere – 577006<br>**Email:anilkumartrb@gmit.ac.in** | **Member** | 26/12/2023. |
| **Mrs. Sujatha Eresimi**<br>Assistant Professor<br>Dept. of EEE<br>GM University<br>Davangere – 577006<br>**Email:sujataeresimi@gmit.ac.in** | **Member** | 26/12/23 |
| **Mrs. Yashaswini B Patil**<br>Assistant Professor<br>Dept. of ECE<br>GM University<br>Davangere – 577006<br>**Email:yashaswinipatel@gmit.ac.in** | **Member** | 26/12/2023 |
| **Mrs. Kavya G R**<br>Assistant Professor<br>Dept. of EEE<br>GM University<br>Davangere – 577006<br>**Email:kavyagr@gmit.ac.in** | **Member** | 26/12/23 |

| Agenda | Scheme (I Sem to VIII Sem) for B.Tech in Electrical and Electronics Engineering |
|---|---|
| **Recommendation made by the Expert members** | • **I & II Sem:** No Changes have been recommended.<br>• **III Sem:** Suggested to include design related topics in Electrical Machines-I & Machines-II otherwise consider Electrical Machine design as a separate course.<br>• **IV Sem:** Recommended to include Transmission and Distribution in 4th Sem and Switch Gear & Protection in 5th Sem.<br>• **V & VI Sem:** No changes have been recommended.<br>• **VII Sem:** Consider Industrial Drives and Applications as core subject instead of an elective subject.<br>• Include Reactive Power Management subject in professional elective list.<br>• Consider Research Methodology & IPR as 1 credit subject.<br>• Consider Digital Communication in professional elective else in open elective. |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | **20th Aug 2024** |

12/2023

**Dr. G. M. Patil**
**Dean Faculty of Engineering**
Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

# GM UNIVERSITY, DAVANGERE
## Faculty of Engineering & Technology
## School: School of Engineering
## Program: Robotics & Automation

### Board of Studies (BoS): Proceedings of the Meeting

The meeting of the BOS for Robotics & Automation Undergraduate Program was held on 23.12.2023 at 09.00am held at Board Room, Second Floor, University Building, GM University Campus, Davanagere - 577006.

**Agenda:** *To review and approve the new B. Tech. in Robotics & Automation undergraduate Program curriculum structure and syllabus to be implemented with effective from the academic year 2024-2025.*

Dr. H. D. Maheshappa, Pro Vice Chancellor Chaired the meeting, Dr. GM Patil, Dean, Faculty of Engineering & Technology, welcomed all the members to the first Board of Studies (BoS) meeting. He also introduced the Dr. Praveen J., Director, School of Engineering, Dr. Rajakumar D G, Head of the Program and program senior staff members who are presented in the meeting. At the outset, he informed the members about the academic activities and newly introduced courses in GM University.

**Members Present during the Meeting**

| Name of the Person | Signature |
|---|---|
| Dr. H. D. Maheshappa<br>Pro Vice Chancellor<br>GM University Davangere | 23.12.23 |
| Dr. G. M. Patil<br>Dean, Faculty of Engineering & Technology<br>GM University, Davanagere | 23/12/2023 |
| Dr. Praveen J<br>Director, School of Engineering, GM University, Davanagere | |
| Dr. Rajakumar D G<br>Professor & Program Head, GM University, Davanagere | 23/12 |
| **External Expert Academic Member**<br>Dr. D. V. Kamath<br>Professor & Head, Department of Mechatronics Manipal,<br>E-mail:dr.kamath@manipal.edu | |
| **External Expert Academic Member**<br>Dr. Arunkumar Giriyapur<br>Professor & Head, Automation & Robotics<br>KLE Technological University, Hubballi<br>Email- aaron@kletech.ac.in | Attended Online Google meet |
| Dr. Sivaprakash P<br>Asst. Prof., Dept. of Robotics & Automation, GM University, Davanagere | |
| Dr. Mudasar Pasha A B<br>Asst. Prof., Dept. of Robotics & Automation, GM University, Davanagere | |
| Mrs. Vidya G H<br>Asst. Prof., Dept. of Robotics & Automation, GM University, Davanagere | Vidya. G.H |
| Mrs. Jyothi R<br>Asst. Prof., Dept. of Robotics & Automation, GM University, Davanagere | |

<table>
<tr><td>Agenda</td><td>Scheme (I Sem to VIII Sem) for B.Tech in Electronics and Communication Engineering</td></tr>
<tr><td>Recommendation made by the Expert members</td><td>
I – Sem and II Sem<br>
➢ Whether or not to include the Physics subject either in 1st or 2nd semester<br><br>
V – Sem and VI Sem<br>
➢ Suggested to include Under water robotics and soft robotics as Professional Elective courses-5th& 6th semester<br>
➢ Check the inclusion of the word system in Control System subject-6th semester<br><br>
VII – Sem and VIII Sem<br>
➢ 8th semester may be made exclusively free for carrying out project work either in industry or in the institute<br>
➢ Industry training can be practiced by the students after 4th semester during vocational period and evaluation may include in 7th or 8th semester, the marks for this activity can be included in 8th semester marks card<br><br>
➢ More importance/weightage is given for the content for Robotics compared to Automation<br>
➢ Include PLC and SCADA subjects as it is important for your domain<br>
➢ Have a glance about the course content related to the following subject
<table>
<tr><td>UE24RA203</td><td>Engineering Mechanics for Robot Design</td></tr>
<tr><td>UE24RA303</td><td>Mechanics of Materials</td></tr>
<tr><td>UE24RA403</td><td>Materials for Robot Linkages</td></tr>
<tr><td>UE24RA503</td><td>Mechanisms and Kinematic Simulation - Theory and Practice</td></tr>
<tr><td>UE24RA602</td><td>Dynamic Analysis of Mechanical Linkages - Theory and Practice</td></tr>
<tr><td>UE24RA703</td><td>Design and Modelling of Mechanical Components for Robots - Theory and Practice</td></tr>
</table>
</td></tr>
<tr><td>Incorporation made in the existing program Document</td><td></td></tr>
<tr><td>Proposed Next Meeting Date</td><td>March/April – 2024</td></tr>
</table>

2023

**Dr. G. M. Patil**
**Dean Faculty of Engineering**
SJ University
Davangere - 577 006.

GM UNIVERSITY
P. B. Road, Davanagere, Karnataka - 577 006
Toll Free No.: 1800 123 7099, Ph: +91 93640-99720 /721
info@gmu.ac.in www.gmu.ac.in

**Program: B.Tech. in "Engineering Design"**
**Board of Studies (BoS): Proceedings of the Meeting**

The meeting of the BOS of the Engineering Design Program was held on 23.12.2023 at 11.00am. The meeting was held at Board Room, Second Floor, University Building, GM University Campus, Davanagere -577006.

**Agenda of the Meeting**: To review and approve the new B. Tech in Engineering Design undergraduate Program curriculum structure and syllabus to be implemented with effective from the academic year 2024-2025

Dr. H D Maheshappa, Pro Vice Chancellor, GM University, chaired the meeting. Dr. G. M. Patil, Dean, Faculty of Engineering & Technology welcomed all the members to the first Board of Studies (BoS) meeting. At the outset, he informed the External Expert Academic Members about the academic activities and newly introduced courses in GM University.

List of Members who were Present during the Meeting.

| Name of the Person | Signature |
|---|---|
| **Dr. H D Maheshappa**<br>Pro Vice Chancellor, GM University, Davanagere – 577006 | 23-12-23 |
| **Dr. G M Patil**<br>Dean, Faculty of Engineering & Technology<br>GM University, Davanagere – 577006 | 23/12/2023 |
| **Dr. Praveen J**<br>Director, School of Engineering, GM University, Davanagere | 23/12/23. |
| **Dr. Srinivasa C V**<br>Professor & Program Head, GM University, Davanagere | 23/12/2023 |
| **External Expert Academic Member**<br>**Dr. J Shivakumar**<br>Principal and Director, Jain College of Engineering, Belagavi<br>E-mail: principal@jainbgm.in | 23/12/2023 |
| **External Expert Academic Member**<br>**Dr. Anand M Shivapuji**<br>Senior Research Scientist, Center for Sustainable Technologies,<br>Indian Institute of Science, Bengaluru,<br>Email: anandms@iisc.ac.in | |
| **Dr. Bharath K N**<br>Professor, Dept. of Mech. Engg., GM University, Davanagere | K.N.B |
| **Dr. Basavarajappa D N**<br>Asso. Prof., Dept. of Mech. Engg., GM University, Davanagere | 23/12/23 |
| **Mr. Mallikarjuna M S**<br>Asst. Prof. Dept. of Mech. Engg., GM University, Davanagere | 23/12 |
| **Mr. Sandeep S H**<br>Asst. Prof. Dept. of Mech. Engg., GM University, Davanagere | Sandeep S H |

| Agenda | Scheme (I Sem to VIII Sem) for B.Tech in Electronics and Communication Engineering |
|---|---|
| Recommendation made by the Expert members | The Expert Committee Members lauded the foresight demonstrated in aligning the curriculum with industry trends, ensuring graduates are well-equipped with the skills demanded by the dynamic engineering landscape. Additionally, the thoroughness in incorporating interdisciplinary elements, cutting-edge technologies. The collaborative efforts of the program members have undoubtedly contributed to the development of the program that not only meets but exceeds the highest standards in engineering education.<br><br>The committee has proposed a strategic shift in the nomenclature of various subjects, particularly those focusing on tools and computer applications. The objective is to align the course titles more closely with the rapidly evolving technological landscape. By incorporating terms such as "tool-based" and "computer application-based" into the course titles, the intention is to provide students with a clearer and more nuanced understanding of the practical skills they will acquire throughout their academic journey. |
| Incorporation made in the existing program Document | |
| Proposed Next Meeting Date | First week of August 2024 |

Dr. G. M. Patil
Dean Faculty of Engineering
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

| | | |
|---|---|---|
| **Dr. B K Varun**<br>Associate Professor<br>Department of Civil Engineering<br>GM University<br>Davangere – 577006<br>Email: varunbk@gmit.ac.in | **Member** | 26/12/23 |
| **Dr. Kiran Kumar H S**<br>Associate Professor<br>Department of Civil Engineering<br>GM University<br>Davangere – 577006<br>Email: kirankumarhs@gmit.ac.in | **Member** | 26/12/2023 |
| **Mr. Kirankumar C M**<br>Assistant Professor<br>Department of Civil Engineering<br>GM University<br>Davangere – 577006<br>Email: kirankumarcm@gmit.ac.in | **Member** | 26/12/23 |
| **Dr. Hanumesh B M**<br>Assistant Professor<br>Department of Civil Engineering<br>GM University<br>Davangere – 577006<br>Email: hanumeshbm@gmit.ac.in | **Member** | BM<br>26/12/23 |

| | |
|---|---|
| **Agenda** | To discuss about Program Document from 1st to 8th Semester of Department of Civil Engineering |
| **Proceedings : Recommendations made by the Expert Members** | 1. Members proposed renaming Engineering Mathematics – I to "Calculus and Linear Algebra" and Engineering Mathematics - II to "Advanced Calculus and Numerical Methods".<br>2. Members proposed renaming Project Management and Entrepreneurship to "Construction Management and Entrepreneurship".<br>3. Members proposed renaming Mini Project to "Extensive Survey Project".<br>4. Members recommended incorporating "Remote Sensing and GIS" Course in Professional Elective.<br>5. Suggested to maintain balance between theoretical knowledge and practical skills while preparing the course document.<br>6. Discussed innovative teaching methods, including the integration of technology, hands-on experiences, and industry collaborations. |

| | |
|---|---|
| | 7. Members also commended the collaborative effort in compiling the Program Document, noting that it comprehensively addressed all facets of Civil Engineering for an undergraduate program. |
| **Action Plan** | |
| **Proposed Next Meeting Date** | March 2024 |

12.12.2023

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

GM UNIVERSITY

# GM UNIVERSITY, DAVANGERE
## Faculty of Engineering & Technology
## School: School of Engineering

### Department: Biotechnology

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **27/12/2023** | **Time** | **11.00 AM** |
| **School Title** | **School of Engineering** | | |
| **Program Title** | **B.Tech in Biotechnology** | | |

| Name and Affiliation | Position | Signature |
|---|---|---|
| **Dr. H D Maheshappa**<br>Pro-Vice Chancellor<br>GM University<br>Davangere – 577006<br>Email: pro-vc@gmu.ac.in | **Chairperson** | 27/12/23 |
| **Dr. G. M. Patil**<br>Dean Faculty of Engineering<br>GM University<br>Davangere – 577006<br>Email: dean-fet@gmu.ac.in | **Member** | 27/12/23 |
| **Dr. Praveen J**<br>Director School of Engineering<br>GM University<br>Davangere – 577006<br>Email: directorfet.se@gmu.ac.in | **Member** | |
| **Dr. Prakash K K**<br>Professor & Head<br>Department of Biotechnology<br>G M Institute of Technology<br>Davangere – 577006<br>E mail-prakashkk@gmit.ac.in | **Chairman** | |
| **Dr Basavaraj Hungund**<br>Professor and Head,<br>Department of Biotechnology,<br>KLE Technological University<br>Hubballi-580031.<br>Email: hungundb@gmail.com | **External Member** | 27-12-23 |
| **Mr. Madhu Kumar M S**<br>Deputy Manager, R &D pilot plants,<br>Biocon Biologics Ltd, 20th KM,<br>Hosur Road, Electronic City,<br>Bengaluru - 560100<br>Email: madhu.kumarm@biocon.com | **External Member** | 27/12/2023 |

| | | |
|---|---|---|
| **Dr. Gurumurthy H**<br>Professor<br>Department of Biotechnology<br>G M Institute of Technology<br>Davangere – 577006<br>E mail-gurumurthyh@gmit.ac.in | **Member** | 22/12/23 |
| **Dr. Rakesh N R**<br>Assistant Professor<br>Department of Biotechnology,<br>GM Institute of Technology,<br>Davanagere – 577006<br>Email: rakeshnr@gmit.ac.in | **Member** | 27/12/2023 |
| **Dr. Keerthi S**<br>Assistant Professor<br>Department of Biotechnology,<br>GM Institute of Technology,<br>Davanagere – 577006<br>Email: keerthis@gmit.ac.in | **Member** | 27/12/2023 |
| **Dr. Pavan K J**<br>Assistant Professor<br>Department of Biotechnology,<br>GM Institute of Technology,<br>Davanagere – 577006<br>Email: drpavankj@gmit.ac.in | **Member** | 27/12/23 |
| **Dr. Pradeep M J**<br>Assistant Professor<br>Department of Biotechnology,<br>GM Institute of Technology,<br>Davanagere – 577006<br>Email: drpradeepmj@gmit.ac.in | **Member** | 27.12.23 |

GM UNIVERSITY, DAVANGERE
Faculty of Engineering & Technology
School: School of Engineering

Department: Biotechnology

BOS MINUTES OF MEETING

| Agenda | Review of Scheme (I Sem to VIII Sem) for B.Tech in Biotechnology |
|---|---|
| Recommendation made by the Expert members | The suggestions are received from the BoS Committee.<br>• For integrated courses, it may be indicated by an appropriated/suitable course code or an "I" within brackets as suffix to the respective subject name.<br><br>Ex: Advanced Calculus and Linear Algebra (I)<br>• The credit distribution for individual course may be shown clearly by mentioning Lecture-Tutorial-Practical.<br><br>**I- Semester**<br>• The experts suggested to differentiate theory and practical courses<br>• First semester is offering only 5 subjects with 16 credits try add 3 credits.<br>• Branch specific title for Mathematics / Physics/ Chemistry - *Calculus and linear algebra*<br>• Specify the credits for theory and practical (L-T-P) unique course code must indicate uniqueness of course.<br><br>**II- Semester**<br>• Experts suggested change engineering mathematics to Advanced calculus and numerical methods.<br>• Engineering Chemistry title change (to be discussed with chemistry department).<br><br>**III- Semester**<br>• The team of experts suggested to disclose laboratory title with ease of understanding.<br>• The subject code with UE24BT307 Concept of Molecular Biology title change into Molecular biology techniques.<br><br>**IV- Semester**<br>• The committee members suggested to change UE24BT406 with laboratory indication which is easy to understand by stakeholders.<br>• SDTCD- Technical Skills –<br>The experts proposed to incorporate the following technical skills under SDTCD<br>JMP software, Process optimization tools, SAP |

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|---|---|
| | **V- Semester**<br>• The committee members suggested to change UE24BT507 with laboratory indication which is easy to understand by stakeholders.<br>• The Committee members recommended to modify course title from Bioprocess Engineering to Separation technology (Upstream technology and Downstream processing).<br><br>**VI- Semester**<br>• The committee members suggested to change UE24BT606 with laboratory indication which is easy to understand by stakeholders.<br><br>**VII- Semester**<br>• The BoS External members suggested for parting project assessment into Mini and Miner project / Major project.<br>• Rename "Industry internship" as "Internship".<br>• The experts suggested stipends for financial support for Economically backward students for industrial internship, also suggested for Inhouse Internship plan / incubation center.<br><br>**VIII Semester**<br>• The BoS Members suggested final semester major project as Capsule project / Industry Project.<br>• Internal guide visit to industry for evaluation |
| **Incorporation made in the existing program Document** | |
| **Proposed Next Meeting Date** | **March/April - 2024** |

**Dr. G. M. Patil**
**Dean Faculty of Engineering**

Dr. G M Patil
Dean Faculty of Engg. & Technology
GM University
Davangere - 577 006.

GM UNIVERSITY

**GM UNIVERSITY, DAVANGERE**
**Faculty of Computing & IT**
**School of Computer Science (UG)**

## BOS MINUTES OF MEETING

| | | | |
|---|---|---|---|
| **Date** | **27/12/2023** | **Time** | **10.00AM** |
| **School Title** | **School of Computer Science (SCS)** | | |
| **Program Title** | **B.Sc., Computer Science** | | |

| Name of the Person | Position |
|---|---|
| **Dr. Shweta Marigoudar**<br>Dean, Faculty of Computing & IT,<br>GM University<br>Davangere – 577006<br>Email: dean-fcit@gmu.ac.in | **Chairperson** |
| **Dr.VenkappanavaraBasavaraja**<br>Assistant Professor & HOD,<br>Dept. of Computer Science & BCA,<br>Government First Grade College,<br>Nymathi.<br>Email: v.basavarja@gmail.com | **External Member** |
| **Prof. GeetaRoogi**<br>Assistant Professor,<br>SMI UG & PG Studies,<br>JSS College Campus, Dharwad.<br>Email: raanigeeta@gmail.com | **External Member** |
| **Prof. Rajashekhar G C,**<br>Associate Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email: rajasekargc@gmail.com | **Internal Member** |
| **Prof. Shamina Attar,**<br>Asssistant Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email: shaminaattar2@gmail.com | **Internal Member** |
| **Prof. Usha N,**<br>Assistant Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email:ushanarayan.legacy@gmail.com | **Internal Member** |
| **Prof. Shivakumar C R,**<br>Assistant Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email:shivakumarcrs@gmail.com | **Internal Member** |
| **Prof. Manjula K**<br>Assistant Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006 | **Internal Member** |

| Agenda | Scheme (I Sem to VIII Sem) for B.Sc., Computer Science |
|---|---|
| **Proceedings** | • Weekly language classes should be allotted three classes per week.<br>• Weekly core classes should be allotted four classes per week.<br>• DBMS subject should be added to the 3rd semester, replacing the ADA subject.<br>• To change the assessment plan from 60-40 to 50-50 scheme<br>• Increase the passing marks percentage from 40% to 50% per semester.<br>• Suggested to introduce industry-integrated subjects in the final semester.<br>• Develop LMS software for students in the future. |
| **Action Plan** | • Changed the name of the subject "Big Data Analytics Technics" to "Big Data Analytics" in the course BSc in Artificial Intelligence & Data Analytics.<br>• In the foundation of mathematics, updated statistics is beneficial for learning R-Programming with statistical method.<br>• More credit added for dissertation.<br>• The languages in the second semester have been changed to Kannada - 2, Hindi - 2, and English - 2. |
| **Proposed Next Meeting Date** | April 2024 |

**Dr. Shweta Marigoudar**
Dean, Faculty of Computing & IT

# GM UNIVERSITY, DAVANGERE

## Faculty of Computing & IT

## School of Computer Application (UG)

### BOS MINUTES OF MEETING

| | | | |
|---|---|---|---|
| **Date** | **06/09/2023** | **Time** | **11.00AM** |
| **School Title** | **School of Computer Application (SCA)** | | |
| **Program Title** | **BCA** | | |

| Name of the Person | Position |
|---|---|
| **Dr.ShwetaMarigoudar**<br>Dean, Faculty of Computing & IT,<br>GM University<br>Davangere – 577006<br>Email: dean-fcit@gmu.ac.in | **Chairperson** |
| **Dr.Gururaj J P**<br>Assistant Professor,<br>Department of BCA,<br>Government First Grade College,<br>Davanagere<br>Email: | **External Member** |
| **Dr.Rajashekhar V Baraker**<br>Assistant Professor,<br>Karnataka University,<br>Dharwad<br>Email: | **External Member** |
| **Prof. VijaykumarGurani**<br>Assistant Professor,<br>Department of Computer Science,<br>Karnataka University,<br>Dharwad<br>Email: | **External Member** |
| **Prof. Suma Haliyal**<br>Assistant Professor,<br>KLE Technological Univeristy,<br>Hubli<br>Email: | **External Member** |
| **Mr. Uma Shankar Poojar**<br>Senior Project Manager,<br>Cognizant Technology Solutions,<br>Bangalore<br>Email: | **External Member** |
| **Prof. Rajashekhar G C,**<br>Associate Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email: rajasekargc@gmail.com | **Internal Member** |

| Agenda | Scheme (I Sem to II Sem) for BCA |
|---|---|
| **Proceedings** | • Weekly language classes should be allotted three classes per week.<br>• Weekly core classes should be allotted four classes per week.<br>• Add subjects such as Data Analysis using SPSS that can be opted and studied by students from other streams as well. |
| **Action Plan** | • The languages in the second semester should be changed to Kannada - 2, Hindi - 2, and English - 2.<br>• Add the Linux subject in the curriculum for the first semester.<br>• The contents of the subjects should be scrutinized. |
| **Proposed Next Meeting Date** | April 2024 |

**Dr.ShwetaMarigoudar**
Dean, Faculty of Computing & IT

# GM UNIVERSITY, DAVANGERE
## Faculty of Computing & IT
## School of Computer Application (PG)

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **06/12/2023** | **Time** | **11.00AM** |
| **School Title** | **School of Computer Application (SCA)** | | |
| **Program Title** | **M.C.A.** | | |

| Name of the Person | Position |
|---|---|
| **Dr. Shweta Marigoudar**<br>Dean, Faculty of Computing & IT,<br>GM University<br>Davangere – 577006<br>Email: dean-fcit@gmu.ac.in | **Chairperson** |
| **Dr. Prakashgouda Patil**<br>Professor & HOD,<br>KLE, Technological University,<br>Hubli<br>Email: | **External Member** |
| **Dr. Shreedhara K S**<br>Professor,<br>Dept. of Computer Science & Engineering,<br>University BDT College of Engineering,<br>Davanagere<br>Email: | **External Member** |
| **Dr. Shivamurthaiah Mallaiah**<br>Professor and HOD,<br>Dept. of Computer Science and Engineering,<br>Dr. S M College of Engineering-VTU<br>Bengaluru<br>Email: | **External Member** |
| **Prof. Rajashekhar G C,**<br>Associate Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email: rajasekargc@gmail.com | **Internal Member** |

| | |
|---|---|
| **Agenda** | Scheme (I Sem to IV Sem) for M.C.A. |
| **Proceedings** | 1. Suggested maintaining uniformity in the total number of courses.<br>2. Recommended maintaining 5 theory and 3 labs in each semester.<br>3. Proposed offering a minimum of 2 electives in the II/III Semester.<br>4. Suggested incorporating integrated courses.<br>5. Proposed changes in the Rubric, implementing a 50-50 scheme for genuine evaluation.<br>6. Program structure should include working hours comprising lectures, tutorials, practical sessions and self-study.<br>7. Syllabus framing must incorporate a case study for every module.<br>8. Suggested offering R-programming for the MBA program and Python programming for the MCA program.<br>9. Students must complete technical skills and earn upto 8-10 credits. |
| **Action Plan** | 1. Maintained uniformity in the total number of courses.<br>2. Maintained 5 theory and 2 labs in each semester.<br>3. Offered 2 electives in the II/III Semester.<br>4. Offered operating system with an integrated lab in the first semester and designing of algorithm using Java integrated lab in the 2nd semester.<br>5. Implemented changes in the rubric with a 50-50 scheme |
| **Proposed Next Meeting Date** | **April 2024** |

**Dr. Shweta Marigoudar**
Dean, Faculty of Computing & IT

**GM UNIVERSITY, DAVANGERE**
**Faculty of Computing & IT**
**School of Computer Science (PG)**

## BOS MINUTES OF MEETING

| | | | |
|---|---|---|---|
| **Date** | **28/12/2023** | **Time** | **11.30AM** |
| **School Title** | **School of Computer Science (SCS)** | | |
| **Program Title** | **M.Sc., Computer Science** | | |

| Name of the Person | Position |
|---|---|
| **Dr. Shweta Marigoudar**<br>Dean, Faculty of Computing & IT,<br>GM University<br>Davangere – 577006<br>Email: dean-fcit@gmu.ac.in | **Chairperson** |
| **Dr.Shreedhara K S**<br>Professor,<br>Department of Computer Science & Engineering,<br>University BDT College of Engineering,<br>Davanagere<br>Email: ks_shreedhara@yahoo.com | **External Member** |
| **Dr.Premasudha B G**<br>Professor & Head,<br>Department of MCA,<br>SiddagangaInstitute of Technology, Tumkur<br>Email: bgpremasudha@sit.ac.in | **External Member** |
| **Prof. Rajashekhar G C,**<br>Associate Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email: rajasekargc@gmail.com | **Internal Member** |
| **Prof. Shamina Attar,**<br>Asssistant Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email: shaminaattar2@gmail.com | **Internal Member** |
| **Prof. Usha N,**<br>Assistant Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email:ushanarayan.legacy@gmail.com | **Internal Member** |
| **Prof. Shivakumar C R,**<br>Assistant Professor,<br>GMS Academy First Grade College,<br>Davangere – 577006<br>Email:shivakumarcrs@gmail.com | **Internal Member** |
| **Prof. Manjula K**<br>Assistant Professor,<br>GMS Academy First Grade College | **Internal Member** |

| Email:manjuchinni2022@gmail.com | |
|---|---|
| **Agenda** | **Scheme (I Sem to IV Sem) for M.Sc., Computer Science** |
| **Proceedings** | • Suggested to add the Cloud Computing Lab in the first semester of the MSc in Cyber Security program or integrating it as a lab component within the course<br>• Change the subject name "cyber security with cloud computing "to "cloud computing and security".<br>• Add the subject Block chain for MSc in Cybersecurity<br>• Exchange the subjects in the 1st and 2nd semester from Python to Security of Operating System, Database, and Infrastructure.<br>• MSc in cyber security course in 3rd semester add integrated lab for cryptography subject<br>• R Programming is integrated into the curriculum of MSc in Cybersecurity<br>• Review and update the syllabus and sources for cyber threat modelling, cyber breaches, and cyber-attack.<br>• Remove the COA subject and replace it with ML in the course MSc in data science<br>• Change the subject name Research Methodology to Research Methodology & IPR<br>• Change the subject name to Advanced Big data and Text Analysis to Advanced Big data Analysis in the course MSc in Data science<br>• Replace the subject Digital Image Processing to Data Science in Image Processing in the course MSc in Data Science<br>• Add one more subject for Electives<br>• Rename the Advanced python subject to Machine Learning with Python in the course MSc in Data science<br>• Rename the Artificial Intelligence and Neural Network to Artificial Intelligence in the course MSc in AI & Data Analytics<br>• Rename the Python Programming to AI Programming with Python in the course MSc in AI & Data Analytics<br>• Exchange Data Base Management System to Database with NO SQL in the course MSc in AI & Data Analytics<br>• Add the subjects cloud computing, Business Intelligence and Data Security and privacy in Elective-1 and Remove Fuzzy Logic and Knowledge Engineering and Expert System<br>• Make a 1 credit for Internship |
| **Action Plan** | • Changed the subject name as "cyber security with cloud computing " to "cloud computing and security".<br>• Added the subject Block chain for MSc in Cybersecurity<br>• Exchanged the subjects in the 1st and 2nd semester from Python to Security of Operating System, Database, and Infrastructure.<br>• Changed the subject MSc in cyber security course in 3rd semester add integrated lab for cryptography subject"<br>• Removed the COA subject and replace with ML in the course MSc in data science |

GM UNIVERSITY

# GM UNIVERSITY, DAVANGERE

## FACULTY OF COMMERCE AND MANAGEMENT

## SCHOOL OF COMMERCE

**MINUTES OF FIRST BOARD OF STUDIES MEETING UG AND PG DEC 2023**

**TOPICS DISCUSSED**

A) Approval of Program documents and Courses for all the programs

B) Assessment and Grading system

**DATE :** 26-12-2023 **VENUE :** MBA BOARD ROOM

# GM University, Davanagere.

## FACULTY OF COMMERCE AND MANAGEMENT

## SCHOOL OF COMMERCE

## BOS MEETING NOTICE

**GMU/BOS/FCM/SC-01/2023-24** **Date: 26-12-2023**

***Subject: Approval of Program Document and Courses – UG and PG***

********

**Respected Sir/ Madam,**

We are happy to inform that you have been appointed as member of Board of Studies for School of Commerce in GM University. The BOS meeting is scheduled on 26-12-2023 in the MBA Board room at 14.30Hrs.

**Copy to,**

1. The Chairman, Faculty of Commerce and management, GM University, Davanagere
2. Dr. B. Bakkappa, Director – MBA, GMIT, Davanagere
3. Dr. Rajasekhar H, Professor and Director, EMRC University of Mysore
4. Prof. G B Baligar, Retired principal GJ commerce college Dharwad
5. Dr. Shwetha H S, Director, School of Commerce, GM University.
6. Prof.. Rameez Raja M, HOD , Department of commerce, GM university, Davanagere
7. All the faculties of School of Commerce, GM University, Davanagere




# GM UNIVERSITY

FACULTY OF COMMERCE AND MANAGEMENT

SCHOOL OF COMMERCE

FIRST BOARD OF STUDIES MEETING DEC 2023

PROGRAM DOCUMENT – PG – M.Com – **Accounting and Taxation with Forensic Accounting**

**M Com- Accounting and Taxation**

**(with Forensic Accounting)**

**PROGRAM DETAILS**

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | M Com- Accounting and Taxation |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha. H. S. |

| | | |
|---|---|---|
| 1 | **Title of the Award** | M Com- Accounting and Taxation |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM)<br>GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Master's program in Commerce (M.Com) specializing in Accounting and Taxation along with Forensic Accounting, is designed to offer an advanced and specialized curriculum for students seeking expertise in financial management, accounting principles, taxation regulations, and forensic accounting practices. This comprehensive program integrates core concepts in accounting and taxation with a focus on forensic accounting techniques and methodologies.<br>Students will engage in a robust curriculum that covers advanced topics such as financial reporting, auditing, | |

| | |
|---|---|
| | 5. **In-Depth Knowledge of Tax Regulations**:<br>Graduates will have in-depth knowledge of tax regulations, enabling them to navigate complex tax laws, provide accurate advice, and ensure compliance in various tax environments.<br>6. **Effective Communication in Accounting and Taxation:** Graduates will communicate complex accounting and taxation concepts effectively, adapting their communication style to different stakeholders, both within and outside the organization.<br>7. **Application of Technology in Accounting:** Graduates will be proficient in leveraging technological tools and accounting software to enhance efficiency in accounting and taxation processes, ensuring adaptability to evolving technological landscapes. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Use of Technology in Accounting and Taxation:**<br>Graduates will be able to gain knowledge in using technology in accounting and taxation management and will be proficient in the use of MS Excel, Tally, SAP etc.<br>2. **Tax Compliance and Planning Proficiency:**<br>Program-specific outcomes include graduates exhibiting proficiency in tax compliance and planning, showcasing the ability to navigate complex tax codes, strategize for tax optimization, and ensure regulatory adherence.<br>3. **Ethical Leadership in Accounting Practices:**<br>Graduates will demonstrate ethical leadership in accounting practices, integrating ethical considerations into decision-making processes and promoting responsible financial practices within the realms of accounting, taxation. |

**18. Credit Requirements**

- To complete a postgraduate program- M.Com., a student is required to earn 100 credits
- The credit distribution for M. Com Program:
  - Course work- 21 courses x 4 credits = 84 credits (in a chosen specialization)
  - Project work- = 08 credits
  - Dissertation = 08 Credits
  - Total = 100 Credits

**19. Programme Structure**

| | |
|---|---|
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. Semester End Examination-50% weight<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 40% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each Semester –grade card will be issued |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 100 credits, for the award of M.Com. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 4 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |

# GM University, Davanagere

**Faculty of Commerce and Management**

**School Of Commerce**

## Minutes of 1st BoS Meeting

**Date: 26-12-2023** **Time: 14.30 Hrs.**

**School Title : School of Commerce**

**Program Title : PG - M.Com - Accounting and Taxation.**

**Members Present:**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr.Basavaraj Swamy | Chairman |
| 2 | Dr. B. Bakkappa | Member |
| 2 | Prof. G B Baligar | Member |
| 3 | Dr. Rajashekhar H | Member |
| 4 | Dr. Shweta H S | Member |
| 5 | Prof.. Rameez Raja M | Member |
| 6 | Prof.. Manjunath B | Member |
| 7 | Prof. Shashirekha K H | Member |
| 8 | Prof.. Deepak M | Member |
| 9 | Prof.. Sachin M A | Member |
| 10 | Prof. Vidyadhare A R | Member |
| 11 | Prof..Pradeep R | Member |
| 12 | Prof.Vidya B | Member |
| 13 | Prof. Ranjitha B K | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| 01 | Prof.. Deepak M | Member |
| | | |

| | |
|---|---|
| **Proceedings** | The first meeting of Board of Studies of the School of Commerce commenced with a warm welcome of all the members including the external experts by the Chairman, Dr. Basavaraj Swamy, Dean of Faculty of Commerce and Management. Later on, the Dean introduced all the members to external experts, Dr. B G Baligar, and Dr. Rajasekhar H.<br><br>In his opening remarks, the Chairman briefed the members about the GM University, its establishment, academic programs undertaken this year and future plans in the years to come.<br><br>He requested thereafter, Dr. Shwetha H S, Director, School of Commerce, to start the presentation of program document for M.Com. During the presentation discussion were held in detail and the following suggestions were given by the members.<br>1. Course on Customs duty should be include other taxes also<br>2. Advanced Management Accounting course should include some advance topics which are not studied by students in PUC and UG degree<br>3. Course on Marginal Costing should be replaced by the International Accounting or Advanced Costing<br>4. M.Com being a specialised course, should have a professional approach with focus on accounting, taxation, costing, management accounting which will help students to build career in commerce and business.<br>5. GST should be covered as separate course rather than being part of another course.<br>All the above suggestions were accepted and approved by the chairman.<br><br>**Course Finalization**: Courses presented were discussed and finalised for the upcoming PG Program of M.com Accounting and Taxation.<br><br>**Assessment Methods:** Assessment and Grading Procedure of the University was discussed and approved. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting. |
| **Proposed Next meeting Date** | February 2024/March 2024 |

**Chairman**
**BOS of School of Commerce**
Faculty of commerce and Management
GM University
Davangere




# GM UNIVERSITY

## FACULTY OF COMMERCE AND MANAGEMENT

## SCHOOL OF COMMERCE

## FIRST BOARD OF STUDIES MEETING DEC 2023

## PROGRAM DOCUMENT – UG – B.Com – **General**

## BCom –General

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B Com- General |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha H.S. |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B Com -General |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | Date of Program Specification | November-2023 |
| 7 | Date of Course Approval by the Academic | |
| 8 | Next Review Date | --- |
| 9 | Approval | |
| 10 | Program Accredited Body and Date of Accreditation | -- |
| 11 | **Grade Awarded by the Accreditation Body** | - |
| 12 | **Program Accreditation Validity** | --- |
| 13 | Program Benchmark | N/A |
| 14 | **Program Overview**<br>The Bachelor of Commerce (B.Com) program is a comprehensive undergraduate degree designed to provide students with a solid foundation in various facets of business and commerce. This dynamic program integrates core disciplines such as accounting, finance, marketing, and management, ensuring a well-rounded understanding of the business landscape. Through a combination of theoretical knowledge and practical application, students develop critical thinking, problem-solving, and communication skills essential for success in the business world.<br>The curriculum emphasizes real-world relevance, incorporating case studies, industry projects, and guest lectures from professionals. Students gain insights into the complexities of contemporary business challenges, | |

| | |
|---|---|
| | Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities and contribute constructively to achieve common business goals.<br>6. **Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Entrepreneurial Skill Development:**<br>The program-specific objective is to foster entrepreneurial skills among students, enabling them to identify business opportunities, develop innovative solutions, and create value in entrepreneurial ventures.<br>2. **Financial Literacy and Decision-Making:**<br>The program aims to enhance students' financial literacy and decision-making abilities, providing them with specific skills to analyse financial data, make informed financial decisions, and contribute effectively to organizational financial strategies.<br>3. **E-commerce and Digital Business Competence:**<br>The program-specific objective is to equip students with competence in e-commerce and digital business practices, enabling them to navigate the digital landscape, understand online market dynamics, and contribute to the success of businesses in the digital era. |

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24BCK11/<br>UO24BCH11 | Kannada-1/<br>Hindi-1 | 3 |
| 2 | UO24BCE11 | English-1 | 3 |
| 3 | UO24BCC11 | Principles of Management | 3 |
| 4 | UO24BCC12 | Marketing Management | 3 |
| 5 | UO24BCC13 | Financial Accounting | 3 |
| 6 | UO24BCO11/<br>UO24BCO12 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| Total | | | 18 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24BCK21/<br>UO24BCH21 | Kannada-2/<br>Hindi-2 | 3 |
| 2 | UO24BCE21 | English-2 | 3 |
| 3 | UO24BCC21 | Human Resource Management | 3 |
| 4 | UO24BCC22 | Financial Market and Services | 3 |
| 5 | UO24BCC23 | Advanced Financial Accounting | 3 |
| 6 | UO24BCO21 | OEC-2- Managing Workforce | 3 |
| 7 | UO24HGT21 | Technical Skills | 02 |
| 8 | UO24HGL22 | Life Skills | 01 |
| 9 | | | |
| 10 | UO24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| Total | | | 22 |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24BCC51 | Elements of Costing | 3 |
| 2 | UO24BCC52 | Quantitative Aptitude | 3 |
| 3 | UO24BCC53 | Business Statistics | 3 |
| 4 | UO24BCC54 | Financial Management | 3 |
| 5 | UO24BCC55 | Research Methodology | 2 |
| 6 | UO24BCC56 | New Venture and Creation Management | 3 |
| 7 | UO24HGT51 | Technical Skills | 02 |
| 8 | | Life Skills | 00 |
| 9 | | Innovation and Entrepreneurial Skills | 00 |
| 10 | | Environmental Awareness and Community Services | 00 |
| 11 | UO24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | | Cultural & Literary Activities | 00 |
| 13 | | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UO24HGP58 | Placement Training | 01 |
| 15 | | | |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24BCC61 | Methods and Techniques of Costing | 3 |
| 2 | UO24BCC62 | Management Accounting | 3 |
| 3 | UO24BCC63 | GST- Law and Practice | 3 |
| 4 | UO24BCC64 | Organisational Behaviour | 3 |
| 5 | UO24BCC65 | Desertion Report | 3 |
| 6 | UO24BCC66 | International Business | 3 |
| 7 | UO24HGT61 | Technical Skills | 02 |
| 8 | | | |
| 9 | UO24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | | | |
| 11 | | | |
| 12 | UO24HGC66 | Cultural & Literary Activities | 01 |
| 13 | | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | | | |
| **Total** | | | **22** |

**List of Open Electives Offered**

1. Fundamentals of Banking/ Basics of Accounting.
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or |

| | |
|---|---|
| | 10. Programme Assessment Board (PAB) |

# GM University, Davangere

**Faculty of Commerce and Management**

**School Of Commerce**

## Minutes of 1st BoS Meeting

**Date: 26-12-2023** **Time: 14.30 Hrs.**

**School Title : School of Commerce**

**Program Title : UG - B.Com- General**

**Members Present :**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr.Basavaraj Swamy | Chairman |
| 2 | Dr. B . Bakkappa | Member |
| 2 | Prof. G B Baligar | Member |
| 3 | Dr. Rajashekhar H | Member |
| 4 | Dr. Shwetha H S | Member |
| 5 | Prof.. Rameez Raja M | Member |
| 6 | Prof.. Manjunath B | Member |
| 7 | Prof.s. Shashirekha K H | Member |
| 8 | Prof.. Deepak M | Member |
| 9 | Prof.. Sachin M A | Member |
| 10 | Prof. Vidyadhare A R | Member |
| 11 | Prof..Pradeep R | Member |
| 12 | Prof.Vidya B | Member |
| 13 | Prof. Ranjitha B K | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| 01 | Prof.. Deepak M | Member |
| | | |

| | |
|---|---|
| **Proceedings** | Following suggestions were given by the members.<br>1. B. Com general course should include all the courses which are there in accounting, taxation and finance.<br>2. Instead of Business Statistics course, program can offer optional course like Commercial Arithmetic/Business Mathematics and Business Statistics.<br>3. Entrepreneurship course should be included in the program.<br>4. Computer courses relating to commerce can be included in the program.<br>All the suggestions given by the Board were accepted and approved.<br><br>**Course Finalisation**: Courses discussed and finalised for the upcoming UG Program of B. Com – General.<br><br>**Assessment methods:** Assessment and Grading Procedure of the University was discussed and approved. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting |
| **Proposed next meeting Date.** | February 2024/March 2024 |

**Chairman**
**BOS of School of Commerce**
Faculty of commerce and Management
GM University
Davangere




# GM UNIVERSITY

## FACULTY OF COMMERCE AND MANAGEMENT

## SCHOOL OF COMMERCE

## FIRST BOARD OF STUDIES MEETING DEC 2023

## PROGRAM DOCUMENT – UG – B.Com – **Accounting and Finance**

## B.Com–Accounting and Finance

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B. Com-Accounting and Finance |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr.Shwetha H.S. |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B. Com -Accounting and Finance |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November - 2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Commerce (B. Com) program specializing in Accounting and Finance is meticulously crafted to provide students with a comprehensive understanding of financial principles, accounting practices, and strategic financial management. This specialized track integrates foundational concepts in accounting with advanced coursework in finance, offering a well-rounded curriculum that prepares students for diverse roles in the financial sector. Students will acquire the skills to navigate complex financial transactions, analyse financial data and make strategic decisions that contribute to organizational success.<br>The program emphasizes a hands-on approach, incorporating real-world case studies, simulations, and industry projects to bridge theoretical knowledge with practical application. With a focus on ethical | |

| | |
|---|---|
| | 6. **Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Financial Analysis Proficiency:**<br>Graduates will demonstrate advanced proficiency in financial analysis, showcasing the ability to interpret and analyse financial statements, assess financial performance and make strategic recommendations for effective financial management.<br>2. **Strategic Financial Decision-Making:**<br>The program-specific outcome aims for graduates to exhibit competence in strategic financial decision-making, including capital budgeting, investment analysis and risk management, ensuring they can contribute to the financial success and sustainability of organizations.<br>3. **Integrated Accounting and Finance Expertise:**<br>Graduates will possess integrated expertise in both accounting and finance, demonstrating the ability to apply accounting principles within the broader financial context. This includes the capability to link financial data to strategic goals and make informed financial decisions that align with organizational objectives. |

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFK11/<br>UO24AFH11 | Kannada-1/<br>Hindi-1 | 3 |
| 2 | UO24AFE11 | English-1 | 3 |
| 3 | UO24AFC11 | Principles of Management | 3 |
| 4 | UO24AFC12 | Marketing Management | 3 |
| 5 | UO24AFC13 | Financial Accounting | 3 |
| 6 | UO24AFO11/<br>UO24AFO12 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| **Total** | | | **18** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFK21/<br>UO24AFH21 | Kannada-2/<br>Hindi-2 | 3 |
| 2 | UO24AFE21 | English-2 | 3 |
| 3 | UO24AFC21 | Human Resource Management | 3 |
| 4 | UO24AFC22 | Financial Market and Services | 3 |
| 5 | UO24AFC23 | Advanced Financial Accounting | 3 |
| 6 | UO24AFO21 | OEC-2- Managing Workforce | 3 |
| 7 | UO24HGT21 | Technical Skills | 02 |
| 8 | UO24HGL22 | Life Skills | 01 |
| 9 | | | |
| 10 | UO24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| **Total** | | | **22** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFC51 | Elements of Costing | 3 |
| 2 | UO24AFC52 | Quantitative Aptitude | 3 |
| 3 | UO24AFE53 | Strategic Financial Management | 3 |
| 4 | UO24AFE54 | Security Analysis and Portfolio Management | 3 |
| 5 | UO24AFC55 | Research Methodology | 2 |
| 6 | UO24AFC56 | New Venture Creation and Management | 3 |
| 7 | UO24HGT51 | Technical Skills | 02 |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | UO24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | | | |
| 13 | | | |
| 14 | UO24HGP58 | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFC61 | Methods and Techniques of Costing | 3 |
| 2 | UO24AFC62 | Management Accounting | 3 |
| 3 | UO24AFC63 | GST- Law and Practice | 3 |
| 4 | UO24AFC64 | Organisational Behaviour | 3 |
| 5 | UO24AFC65 | Dissertation | 3 |
| 6 | UO24AFC66 | Auditing and Assurance | 3 |
| 7 | UO24HGT61 | Technical Skills | 02 |
| 8 | | | |
| 9 | UO24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | | | |
| 11 | | | |
| 12 | UO24HGC66 | Cultural & Literary Activities | 01 |
| 13 | | | |
| 14 | | | |
| **Total** | | | **22** |

List of **Electives** Offered

1. Banking and Indian Financial System
2. Financial Management
3. Strategic Financial Management
4. Security Analysis and Portfolio Management
5. Financial Statement Analysis
6. Corporate Governance
7. Internship
8. Project Work

List of **Open Electives** Offered

1. Fundamentals of Banking/Basics of Accounting
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

| | |
|---|---|
| | **(pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree.**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# GM University, Davanagere

**Faculty of Commerce and Management**
**School Of Commerce**

## Minutes of BOS Meeting

**Date: 26-12-2023** **Time: 14.30 Hrs.**

**School Title : School of Commerce**

**Program Title : UG - B.Com - Accounting and Finance**

**Members Present:**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr.Basavaraj Swamy | Chairman |
| 2 | Dr. B. Bakkappa | Member |
| 2 | Prof. G B Baligar | Member |
| 3 | Dr. Rajashekhar H | Member |
| 4 | Dr. Shwetha H S | Member |
| 5 | Prof. Rameez Raja M | Member |
| 6 | Prof. Manjunath B | Member |
| 7 | Prof. Shashirekha K H | Member |
| 8 | Prof. Deepak M | Member |
| 9 | Prof. Sachin M A | Member |
| 10 | Prof. Vidyadhare A R | Member |
| 11 | Prof. Pradeep R | Member |
| 12 | Prof. Vidya B | Member |
| 13 | Prof. Ranjitha B K | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| 01 | Prof. Deepak M | Member |
| | | |

| | |
|---|---|
| **Proceedings** | Presentation was continued for UG programs by Prof. Rameez Raja.M. HOD of Department of Commerce, beginning with B.Com - Accounting and Finance program.<br>Following are the suggestions given by the members.<br>1. Course on Financial Statement Analysis can be replaced with International Finance.<br>2. Indian Banking System course should also include latest developments in banking technology, UPI etc.<br>3. Financial Management Course should be named as Financial Management – I and Financial Management – II<br>4. New courses relating to Stock market, Derivatives and Options have been suggested for inclusion<br>5. Recent Development in Accounting can be added in any course.<br>All the suggestions given by members were accepted and approved by the Chairman.<br><br>**Course Finalization**: Courses presented were discussed and finalised for the upcoming B.com Accounting and Finance.<br><br>**Assessment Methods:** Assessment and Grading Procedure of the University was discussed and Approved. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting |
| **Proposed Next meeting Date** | February 2024/March 2024 |

**Chairman**
**BOS of School of Commerce**
Faculty of commerce and Management
GM University
Davangere




# GM UNIVERSITY

## FACULTY OF COMMERCE AND MANAGEMENT

## SCHOOL OF COMMERCE

FIRST BOARD OF STUDIES MEETING DEC 2023

PROGRAM DOCUMENT – UG – B.Com – **Banking and Insurance**

## B Com –Banking and Insurance

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B Com- Banking and Insurance |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha. H. S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B Com – Banking and Insurance |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCIM) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor's program in Commerce (B.Com) specializing in Banking and Insurance is designed to equip students with a comprehensive understanding of financial services and risk management. This specialized track integrates foundational commerce courses with a specific focus on banking and insurance practices, offering a well-rounded curriculum. Students will delve into subjects such as financial markets, banking operations, insurance principles, and risk assessment, gaining insights into the intricacies of these vital sectors. The program places a strong emphasis on practical application, providing opportunities for internships, case studies, and projects that bridge theoretical concepts with real-world scenarios. With a focus on emerging trends, technological advancements, and regulatory frameworks within the financial industry, graduates are | |

| | |
|---|---|
| | Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.<br>6. **Ethical Business Practices: ,**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs) for Bachelor of Commerce (B.Com):**<br>1. **Risk Management Proficiency:**<br>Graduates of the program will demonstrate advanced proficiency in risk management, including the ability to assess, quantify, and mitigate risks within the banking and insurance sectors. This involves understanding the dynamics of financial markets, evaluating credit and investment risks, and implementing effective risk management strategies.<br>2. **Banking and Insurance Operations Competence:**<br>The program-specific outcome aims for graduates to exhibit competence in the operations of banking and insurance, showcasing their ability to navigate banking processes, insurance underwriting, and financial transactions within the regulatory frameworks of these sectors.<br>3. **Financial Decision-Making in Banking and Insurance:**<br>Graduates will possess expertise in financial decision-making specific to banking and insurance, demonstrating the ability to analyze financial data, make strategic decisions in risk assessment, and contribute to the overall financial health of institutions within these sectors. |

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24BIK11/<br>UO24BIH11 | Kannada-1/<br>Hindi-1 | 3 |
| 2 | UO24BIE11 | English-1 | 3 |
| 3 | UO24BIC11 | Principles of Management | 3 |
| 4 | UO24BIC12 | Marketing Management | 3 |
| 5 | UO24BIC13 | Financial Accounting | 3 |
| 6 | UO24BIO11/<br>UO24BIO12 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| **Total** | | | **18** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24BIK21/<br>UO24BIH21 | Kannada-2/<br>Hindi-2 | 3 |
| 2 | UO24BIE21 | English-2 | 3 |
| 3 | UO24BIC21 | Human Resource Management | 3 |
| 4 | UO24BIC22 | Financial Market and Services | 3 |
| 5 | UO24BIC23 | Advanced Financial Accounting | 3 |
| 6 | UO24BIO21 | OEC-2- Managing Workforce | 3 |
| 7 | UO24HGT21 | Technical Skills | 02 |
| 8 | UO24HGL22 | Life Skills | 01 |
| 9 | | | 00 |
| 10 | UO24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | | | 00 |
| 12 | | | 00 |
| 13 | | | 00 |
| 14 | | | 00 |
| **Total** | | | **22** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24BIC51 | Elements of Costing | 3 |
| 2 | UO24BIC52 | Quantitative Aptitude | 3 |
| 3 | UO24BIC53 | Financial Management | 3 |
| 4 | UO24BIE54 | Indian Banking System | 3 |
| 5 | UO24BIC55 | Research Methodology | 2 |
| 6 | UO24BIC56 | New Venture Creation and Management | 3 |
| 7 | UO24HGT51 | Technical Skills | 02 |
| 8 | | | 00 |
| 9 | | | 00 |
| 10 | | | 00 |
| 11 | UO24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | | | 00 |
| 13 | | | 00 |
| 14 | UO24HGP58 | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24BIC61 | Practices of Life Insurance | 3 |
| 2 | UO24BIC62 | Management Accounting | 3 |
| 3 | UO24BIC63 | GST- Law and Practice | 3 |
| 4 | UO24BIE64 | International Banking and Finance | 3 |
| 5 | UO24BIC65 | Desertion Report | 3 |
| 6 | UO24BIC66 | Auditing and Assurance | 3 |
| 7 | UO24HGT61 | Technical Skills | 02 |
| 8 | | | 00 |
| 9 | UO24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | | | 00 |
| 11 | | | 00 |
| 12 | UO24HGC66 | Cultural & Literary Activities | 01 |
| 13 | | | 00 |
| 14 | | | 00 |
| **Total** | | | **22** |

**List of Electives Offered**

1. Law and Practice of Banking and Insurance
2. General Insurance Management
3. Indian Banking System
4. International Banking and Finance
5. Retail Banking
6. Insurance Risk Management
7. Internship
8. Risk Management in Banking
9. Innovations in Insurance
10. Project Work

**List of Open Electives Offered**

1. Fundamentals of Banking /Basics of Accounting
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

| | |
|---|---|
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# GM University, Davanagere

**Faculty of Commerce and Management**
**School Of Commerce**

## Minutes of 1st BoS Meeting

**Date: 26-12-2023** **Time:14.30 Hrs.**

**School Title : School of Commerce**

**Program Title : UG - B.Com - Banking and Insurance**

**Members Present:**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr.Basavaraj Swamy | Chairman |
| 2 | Dr. B . Bakkappa | Member |
| 2 | Prof. G B Baligar | Member |
| 3 | Dr. Rajashekhar H | Member |
| 4 | Dr. Shwetha H S | Member |
| 5 | Prof.. Rameez Raja M | Member |
| 6 | Prof.. Manjunath B | Member |
| 7 | Prof.s. Shashirekha K H | Member |
| 8 | Prof.. Deepak M | Member |
| 9 | Prof.. Sachin M A | Member |
| 10 | Prof. Vidyadhare A R | Member |
| 11 | Prof..Pradeep R | Member |
| 12 | Prof.Vidya B | Member |
| 13 | Prof.s. Ranjitha B K | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| 01 | Prof.. Deepak M | Member |
| | | |

| | |
|---|---|
| **Proceedings** | Following suggestion were given by the members.<br>1. Course on Law and Practice of Banking and Insurance should be divided into two courses, Law and Practice of Banking and Law and Practice of Insurance.<br>2. Course on Banking and Financial System should be split into Banking System and the Indian Financial System.<br>3. Life Insurance and General Insurance courses should also include preparation of Financial Statement of Life Insurance and General Insurance.<br>4. A course on Innovation and Technology in Banking should be introduced<br>5. Recent trends in Banking and Insurance should be incorporated in any one course of the program.<br>All the suggestions given by the Board were accepted and approved by the chairman.<br><br>**Course Finalization**: Courses discussed and finalized for the upcoming UG Program of B. Com – Banking and Insurance.<br><br>**Assessment Methods:** Assessment and Grading Procedure of the University was discussed and approved. |
| **Action taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting |
| **Proposed Next meeting Date.** | February 2024/March 2024 |

**Chairman**
**BOS of School of Commerce**
Faculty of commerce and Management
GM University
Davangere




# GM UNIVERSITY

FACULTY OF COMMERCE AND MANAGEMENT

SCHOOL OF COMMERCE

FIRST BOARD OF STUDIES MEETING DEC 2023

PROGRAM DOCUMENT – UG – B.Com – **Accounting and Taxation**

## BCom –Accounting and Taxation

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B Com- Accounting and Taxation |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha.H. S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B Com -Accounting and Taxation |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November - 2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Commerce (B. Com) program with a specialization in Accounting and Taxation is tailored to provide students with a comprehensive and specialized skill set in financial management, accounting principles, and taxation practices. This program encompasses a dynamic curriculum that combines theoretical knowledge with practical applications, ensuring students develop a deep understanding of financial reporting, auditing, and tax compliance. Through specialized courses, students will learn to navigate intricate taxation regulations, prepare financial statements, and conduct audits, preparing them for key roles in accounting firms, corporate finance, and tax consultancy. The program places a strong emphasis on ethical considerations, instilling in students a sense of responsibility in financial decision-making and adherence to regulatory | |

| | |
|---|---|
| | with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Proficiency in Financial Reporting:**<br>Graduates of the program will demonstrate expertise in financial reporting, including the ability to prepare accurate and comprehensive financial statements in accordance with applicable accounting standards and regulatory requirements.<br>2. **Competence in Taxation Practices:**<br>The program-specific outcome aims for graduates to exhibit competence in taxation practices, encompassing an in-depth understanding of tax laws, compliance, and the ability to apply taxation strategies for individuals and businesses.<br>3. **Effective Auditing Skills:**<br>Graduates will develop effective auditing skills, demonstrating the ability to plan, conduct, and report on audits. This includes evaluating internal controls, identifying areas of risk, and ensuring compliance with auditing standards and ethical practices. |

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24ATK11/<br>UO24ATH11 | Kannada-1/<br>Hindi-1 | 3 |
| 2 | UO24ATE11 | English-1 | 3 |
| 3 | UO24ATC11 | Principles of Management | 3 |
| 4 | UO24ATC12 | Marketing Management | 3 |
| 5 | UO24ATC13 | Financial Accounting | 3 |
| 6 | UO24ATO11/<br>UO24ATO12 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | | | 0 |
| 8 | | | 0 |
| 9 | | | 0 |
| 10 | | | 0 |
| 11 | | | 0 |
| 12 | | | 0 |
| 13 | | | 0 |
| 14 | | | 0 |
| **Total** | | | **18** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24ATK21/<br>UO24ATH21 | Kannada-2/<br>Hindi-2 | 3 |
| 2 | UO24ATE21 | English-2 | 3 |
| 3 | UO24ATC21 | Human Resource Management | 3 |
| 4 | UO24ATC22 | Financial Market and Services | 3 |
| 5 | UO24ATC23 | Advanced Financial Accounting | 3 |
| 6 | UO24ATO21 | OEC-2- Managing Workforce | 3 |
| 7 | UO24HGT21 | Technical Skills | 02 |
| 8 | UO24HGL22 | Life Skills | 01 |
| 9 | | | 00 |
| 10 | UO24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| **Total** | | | **22** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24ATC51 | Elements of Costing | 3 |
| 2 | UO24ATC52 | Quantitative Aptitude | 3 |
| 3 | UO24ATE53 | Financial Management | 3 |
| 4 | UO24ATE54 | Assessment of Firms Company and HUF | 3 |
| 5 | UO24ATC55 | Research Methodology | 2 |
| 6 | UO24ATC56 | New Venture Creation and Management | 3 |
| 7 | UO24HGT51 | Technical Skills | 02 |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | UO24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | | | |
| 13 | | | |
| 14 | UO24HGP58 | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24ATC61 | Methods and Techniques of Costing | 3 |
| 2 | UO24ATC62 | Management Accounting | 3 |
| 3 | UO24ATE63 | GST- Law and Practice | 3 |
| 4 | UO24ATC64 | Organisational Behaviour | 3 |
| 5 | UO24ATC65 | Desertion Report | 3 |
| 6 | UO24ATC66 | Auditing and Assurance | 3 |
| 7 | UO24HGT61 | Technical Skills | 02 |
| 8 | | | 00 |
| 9 | UO24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | | | 00 |
| 11 | | | 00 |
| 12 | UO24HGC66 | Cultural & Literary Activities | 01 |
| 13 | | | 00 |
| 14 | | | 00 |
| **Total** | | | **22** |

**List of Electives Offered**

1. Business Statistics
2. Mercantile Law
3. Financial Management
4. Assessment of Firms Company and HUF
5. GST- Law and Practice
6. Indirect Taxes – Customs duty
7. Advance Management Accounting
8. Internship
9. Corporate Tax Planning
10. Strategic Cost Accounting
11. Project Work

List of Open Electives Offered

1. Fundamentals of Banking/Basics of Accounting
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

| | |
|---|---|
| | 4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# GM University, Davanagere

**Faculty of Commerce and Management**
**School Of Commerce**

## Minutes of 1st BoS Meeting

**Date: 26-12-2023** **Time: 14.30 Hrs.**

**School Title : School of Commerce**

**Program Title : UG - B.Com - Accounting and Taxation**

**Members Present:**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr.Basavaraj Swamy | Chairman |
| 2 | Dr. B . Bakkappa | Member |
| 2 | Prof. G B Baligar | Member |
| 3 | Dr. Rajashekhar H | Member |
| 4 | Dr. Shwetha H S | Member |
| 5 | Prof.. Rameez Raja M | Member |
| 6 | Prof.. Manjunath B | Member |
| 7 | Prof.s. Shashirekha K H | Member |
| 8 | Prof.. Deepak M | Member |
| 9 | Prof.. Sachin M A | Member |
| 10 | Ms. Vidyadhare A R | Member |
| 11 | Prof..Pradeep R | Member |
| 12 | Ms.Vidya B | Member |
| 13 | Prof.s. Ranjitha B k | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| 01 | Prof.. Deepak M | Member |
| | | |

| | |
|---|---|
| **Proceedings** | Following are suggestion given by the members of the Board.<br>1. Mercantile Law course title should be replaced with Business regulatory Frameworks.<br>2. Financial markets and services should be renamed as Fundamentals of Financial management.<br>3. Recent Development in Accounting like creative accounting, Green accounting, Social Accounting should be included in any Course.<br>All the suggestions given by the Board were accepted by the Chairman.<br><br>**Course Finalization** : Courses discussed and finalized for the upcoming UG Program of B.Com – Accounting and Taxation<br><br>**Assessment Methods :** Assessment and Grading Procedure of the University was discussed and approved. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting. |
| **Proposed next Meeting Date** | February 2024/March 2024 |

**Chairman**
**BOS of School of Commerce**
Faculty of commerce and Management
GM University
Davangere

**Signature of Members :**

| SI no. | Name of Member | Designation | Signature With Date. |
|---|---|---|---|
| 1 | Dr.Basavaraj Swamy | **Chairman** | 26/12/2023 |
| 2 | Dr. B Bakkappa | **Member** | 26/12/23. |
| 2 | Prof. G B Baligar | **Member** | |
| 3 | Dr. Rajashekhar G C | **Member** | Attended Online |
| 4 | Dr. Shweta H S | **Member** | 26/12/23 |
| 5 | Mr. Rameez Raja M | **Member** | 26/12/23 |
| 6 | Mr. Manjunath B | **Member** | 26/12/23 |
| 7 | Mrs. Shashirekha K H | **Member** | 26/12/2023 |
| 8 | Mr. Deepak M | **Member** | — ABSENT — |
| 9 | Mr. Sachin M A | **Member** | 26/12/2023 |
| 10 | Ms. Vidyadhare A R | **Member** | 26/12/23. |
| 11 | Mr.Pradeep R | **Member** | 26-12-23 |
| 12 | Ms.Vidya B | **Member** | 26/12/23. |
| 13 | ~~Mr.Pradeep R~~ Mrs. Ranjitha B.K. | **Member** | 26/12/23 |

## GM UNIVERSITY, DAVANGERE - 577006

### CASH VOUCHER

| | | |
|---|---|---|
| PAYABLE TO | Dr. G.B. Baligar | Voucher No.<br>Date: 26-12-2023 |
| Details and Purpose of Expenditure | Board of Studies meeting - B.Com & M.Com. | Advance Amount in ₹ : - Nil - |
| Expenses Amount ₹ : | ₹ 6,000 | |
| Amount in Words: | Six thousand Rupees Only | |
| Remarks: | | Received by: |

## GM UNIVERSITY, DAVANGERE - 577006

### CASH VOUCHER

| | | |
|---|---|---|
| PAYABLE TO | Dr. Ragashekhar H. | Voucher No.<br>Date: 26-12-2023 |
| Details and Purpose of Expenditure | Board of Studies meetings | Advance Amount in ₹ : - |
| Expenses Amount ₹ : | ₹ 5,000 | |
| Amount in Words: | Five thousand Rupees Only | |
| Remarks: | paid through digital payment | Received by: |

GM UNIVERSITY

# GM UNIVERSITY, DAVANGERE

FACULTY OF COMMERCE AND MANAGEMENT

## SCHOOL OF MANAGEMENT

**MINUTES OF FIRST BOARD OF STUDIES MEETING UG AND PG DEC 2023**

**TOPICS DISCUSSED**

A) Approval of Program documents and Courses for all the programs

B) Assessment and Grading system

**DATE :** 26-12-2023 **VENUE :** MBA BOARD ROOM

# GM University, Davangere.

GM UNIVERSITY

**FACULTY OF COMMERCE AND MANAGEMENT**

**SCHOOL OF MANAGEMENT**

**FIRST BOS MEETING NOTICE**

**GMU/BOS/FCM/SM-001/2023-24** **Date: 26-12-2023**

***Subject: Approval of Program document and Courses – UG and PG***

********

**Respected Sir/ Madam,**

We are happy to inform you that you have been appointed as member of Board of Studies for School of Commerce in GM University. The BOS meeting is scheduled on 26-12-2023 in the MBA Board room at 10.30 am.

**Copy to,**

1. Dr. Maheshappa H D, Pro Vice Chancellor, GM University, Davanagere.
2. Dr.Basavaraj Swamy,The Chairman, Faculty of Commerce and management, GM University, Davanagere
3. Dr. B. Bakkappa, Director – MBA , GMIT, Davnagere.
4. Dr.R.Vijayabaskaran, Professor & HoD, East Point College of Higher education, Bangalore.
5. Prof (Capt) Nagaraj Subbarao, Dean CEE and Professor, Dayanand Sagar University, Bangalore.
6. Dr. Basavaraju P S , Director , School of Management, GM University.
7. Dr. Jagadeswari K, HoD , Department of Management, GM university, Davangere
8. All the faculties of School of Management, GM University, Davangere

# GM University, Davanagere

## Faculty of Commerce and Management

## School of management

## First Board of Studies Meeting

**Venue : MBA Board Room** **Date : 26-12-2023** **Time: 11.30 am**

**Schedule of BOS Meeting**

| Day | Time | Topics |
|---|---|---|
| 26/12/2023 | 11.30 am to 11.40 am | Welcome speech by Dr.Basavaraj Swamy, Dean FCM. |
| | 11.40 am to 12.30 pm | Brief out of course details by<br>PG - Dr Basavaraju P S<br>UG- Dr.K.Jagadeswari |
| | 12.30 pm to 1.00 pm | Discussion about the UG and PG Courses offered by the School of Management with Body members. |
| | 1.00 pm to 1.30 pm | Finalization of courses. |
| | 1.30 pm to 1.40 pm | Formal Vote of Thanks |

Chairman
BOS of School of Management
Faculty of commerce and Management
GM University
Davangere

GM UNIVERSITY

# GM UNIVERSITY, DAVANGERE

FACULTY OF COMMERCE AND MANAGEMENT

**SCHOOL OF MANAGEMENT**

**MINUTES OF FIRST BOARD OF STUDIES MEETING**

**Programme Document: PG**

# GM University, Davanagere

Faculty of Commerce and Management
School Of Management

## Minutes of 1st BOS Meeting

**Date: 26-12-2023** **Time:11.30 am.**

**School Title** : **School of Management**

**Program Title:** **PG MBA:** **General Management**
Human Resource Management
Financial Management
Marketing Management
Operations Management
Business Analytics
**Innovation and Entrepreneurship Management**
**International Business**
**Agricultural Marketing**

**Members Present :**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

**Signature of Members:**

| SI no. | Name of Member | Designation | Signature With Date. |
|---|---|---|---|
| 1 | Dr. H. D. Mahesappa | Pro Vice Chancellor | 26/12/23 |
| 2 | Dr. Basavaraj Swamy | Chairman | 26/12/23 |
| 3 | Dr. B. Bakkappa | Member | 26/12/23. |
| 4 | Dr. Basavaraju P S | Member | 26/12/23 |
| 5 | Dr. R. Vijayabaskaran | Member | 26/12/23 |
| 6 | Prof (Capt) Nagaraj Subbarao | Member | Attended online |
| 7 | Dr. K. Jagadeswari | Member | 26/12/23 |
| 8 | Mr. Shreeshaila P Vijayapur | Member | 26/12/23 |
| 9 | Mr. Vinay I | Member | 26/12/23 |
| 10 | | Member | |

# MBA- General Management

## PROGRAM DETAILS

| | |
|---|---|
| Faculty | Commerce and Management (FCM) |
| School | School of Management (SM) |
| Program | MBA- General Management |
| Dean of Faculty | Dr. Basavaraj Swamy |
| Director of School | Dr. Basavaraju P S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | MBA- General Management |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FCM<br>GM University |
| 6 | **Date of Program Specifications** | January -2024 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview** | |

The Master of Business Administration (MBA) program in General Management is a dynamic and comprehensive post graduate-level offering designed to prepare students for leadership roles across diverse business sectors. This program provides a holistic understanding of key business disciplines, including finance, marketing, operations, human resource and strategic management. Emphasizing strategic leadership, it equips students with the skills needed to navigate complex organizational challenges and make informed decisions in today's dynamic business landscape. With a global perspective, the curriculum addresses the complexities of business, fostering cultural awareness and adaptability.

Through a blend of theoretical insights and practical applications, students engage in case studies,

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| | simulations, and real-world projects. The program encourages an entrepreneurial mindset, instilling the ability to identify opportunities and innovate. Ethical leadership and corporate social responsibility are integral components, ensuring graduates lead with integrity. Networking opportunities and interactions with experienced faculty and industry professionals enhance the learning experience. A capstone project or internship provides hands-on experience, further preparing graduates for leadership roles. Overall, the MBA in General Management program equips individuals with the strategic acumen and versatile skill set needed to excel in leadership positions across various industries. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Strategic Leadership Proficiency:**<br>Graduates of the MBA program will demonstrate advanced proficiency in strategic leadership, showcasing the ability to formulate and implement effective business strategies, adapt to changing environments, and lead organizations toward sustainable success.<br>2. **Cross-Functional Decision-Making:**<br>Program-specific objectives include developing graduates' skills in cross-functional decision-making, enabling them to integrate knowledge from various business disciplines to address complex challenges and make informed, well-rounded decisions.<br>3. **Ethical and Socially Responsible Leadership:**<br>Graduates will exhibit a commitment to ethical leadership and corporate social responsibility, incorporating principles of integrity, social impact, and sustainability into their decision-making processes and organizational practices. |
| 16 | **Program Outcomes (POs):**<br>1. **Strategic Thinking:**<br>Graduates will demonstrate the ability to think strategically, analyze complex business situations, and formulate effective strategies to achieve organizational goals in dynamic environments.<br>2. **Effective Communication Skills:**<br>Graduates will develop strong communication skills, both oral and written, enabling them to articulate ideas clearly, engage stakeholders, and convey complex business concepts to diverse audiences.<br>3. **Leadership and Team Management:**<br>Graduates will exhibit leadership qualities and team management skills, demonstrating the ability to lead teams, foster collaboration, and inspire others to achieve common objectives.<br>4. **Decision-Making Competence:**<br>Graduates will be competent in decision-making, showcasing the ability to analyze data, evaluate options, and make informed and ethical decisions that align with organizational goals.<br>5. **Global Business Acumen:** |

| | |
|---|---|
| | Graduates will have a global perspective and an understanding of the complexities of international business, enabling them to navigate diverse cultural and market dynamics in a globalized business environment.<br>6. **Innovative Problem-Solving:**<br>Graduates will demonstrate innovative problem-solving skills, applying creative thinking and adaptability to address challenges and identify opportunities in business settings.<br>7. **Financial Management Proficiency:**<br>Graduates will acquire advanced financial management skills, including the ability to analyze financial data, make sound financial decisions, and contribute to the overall financial health of an organization.<br>8. **Entrepreneurial Mindset:**<br>Graduates will cultivate an entrepreneurial mindset, showcasing the ability to identify and capitalize on business opportunities, innovate within established organizations, or initiate and manage entrepreneurial ventures. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Strategic Decision-Making:**<br>Graduates will demonstrate the ability to make strategic decisions by synthesizing information from various business functions, analysing complex scenarios, and formulating effective strategies that contribute to organizational success in diverse industries.<br>2. **Cross-Functional Leadership:**<br>Program-specific objectives include developing graduates' skills in cross-functional leadership, enabling them to lead teams comprising of individuals with diverse expertise and ensuring effective collaboration across different organizational functions.<br>3. **Change Management Proficiency:**<br>Graduates will exhibit proficiency in change management, showcasing the ability to lead and navigate organizational change, adapt to evolving business environments, and foster a culture of innovation and resilience within teams and organizations. |

**13. Credit Requirements**

- To complete a postgraduate program- MBA, a student is required to earn 106 credits
- Those students who successfully complete only course work (65 Credits), are awarded Postgraduate Diploma
- The credit distribution for MBA Program:
  - Courses = 85 credits
  - Other skills (online courses &conferences, Publications) = 3 credits (1,1,1)
  - Societal project, Internship and Project work- = 18credits (2+8+8)
  - Total = 106 Credits

**19. Programme Structure**

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 1 | PM23GMC11 | Management Essentials & Organizational Behavior | 4 |
| 2 | | PM23GMC12 | Financial Accounting for Managers | 4 |
| 3 | | PM23GMC13 | Marketing Management | 4 |
| 4 | | PM23GMC14 | Economics for Managers | 4 |
| 5 | | PM23GMC15 | Business Statistics and Research-I | 4 |
| 6 | | PM23GMC16 | Professional Communication and Life Skills | 3 |
| TOTAL | | | | 23 |
| | | Break | | |
| 7 | 2 | PM23GMC21 | Strategic Management | 4 |
| 8 | | PM23GMC22 | Financial Management | 4 |
| 9 | | PM23GMC23 | Human Resource Management | 4 |
| 10 | | PM23GMC24 | Operations Research | 4 |
| 11 | | PM23GMC25 | Entrepreneurship Development | 4 |
| 12 | | PM23GMC26 | Business Statistics and Research II | 4 |
| 13 | | PM23GMC27 | Analytics for Decision Making | 2 |
| 14 | | PM23GMS21 | Societal Innovation Project | 2 |
| TOTAL | | | | 28 |
| | | Break | | |
| 11 | 3 | PM23GMC31 | Business Law | 3 |
| 12 | | PM23GMC32 | Project Management | 3 |
| 13 | | PM23E31 | Specialization-I Elective-1 | 3 |
| 14 | | PM23E32 | Specialization-I Elective-2 | 3 |
| 15 | | PM23E33 | Specialization-II Elective-1 | 3 |

| | | | | |
|---|---|---|---|---|
| 16 | | PM23E34 | Specialization-II Elective-2 | 3 |
| 17 | | PM23GMI31 | Internship Assessment | 8 |
| TOTAL | | | | 26 |
| Break | | | | |
| 18 | 4 | PM23GMC41 | International Business (IB) | 3 |
| 19 | | PM23GMC42 | Innovation Technology Management | 3 |
| 20 | | PM23E41 | Specialization-I Elective-3 | 3 |
| 21 | | PM23E42 | Specialization-I Elective-4 | 3 |
| 22 | | PM23E43 | Specialization-II Elective-3 | 3 |
| 23 | | PM23E44 | Specialization-II Elective-4 | 3 |
| 24 | | PM23GMT41 | Management Thesis | 8 |
| TOTAL | | | | 26 |

## III SEMESTER

### Human Resource Management

| S. no | Course Code | SUBJECT TITLE |
|---|---|---|
| 1 | PM23EHR31 | Industrial Relations and Labor Laws |
| 2 | PM23EHR32 | Performance Evaluation and Compensation Management |
| 3 | PM23EHR33 | Human Resource Metrics and Analytics |
| 4 | PM23EHR34 | Leadership and Change Management |

## IV SEMESTER

### Human Resource Management

| S. no | CourseCode | SUBJECT TITLE |
|---|---|---|
| 5 | PM23EHR41 | Recruitment and Selection |
| 6 | PM23EHR42 | International HRM |
| 7 | PM23EHR43 | Training and Development |
| 8 | PM23EHR44 | Strategic HRM |

## III SEMESTER FINANCE

| S. no | CourseCode | SUBJECT TITLE |
|---|---|---|
| 1 | PM23EFI31 | Investment Analysis and Portfolio Management |
| 2 | PM23EHR32 | Investment Banking & Financial Services |
| 3 | PM23EHR33 | Corporate Financial Management |
| 4 | PM23EHR34 | Corporate Taxation |

## IV SEMESTER FINANCE

| S. no | CourseCode | SUBJECT TITLE |
|---|---|---|
| 5 | PM23EFI41 | Financial Derivatives |
| 6 | PM23EHR42 | Global Financial Management |
| 7 | PM23EHR43 | Risk management and insurance |
| 8 | PM23EHR44 | Tax management |

**III SEMESTER - MARKETING**

| S. no | CourseCode | SUBJECT TITLE |
|---|---|---|
| 1 | PM23EMM31 | Supply Chain Management |
| 2 | PM23EMM32 | Retail Management |
| 3 | PM23EMM33 | Marketing research and analytics |
| 4 | PM23EMM34 | Digital and Social Media Marketing |

IV

**SEMESTER MARKETING**

| S. no | Course Code | SUBJECT TITLE |
|---|---|---|
| 5 | PM23EMM41 | Services Marketing |
| 6 | PM23EMM42 | Advertising and promotion |
| 7 | PM23EMM43 | B2B marketing |
| 8 | PM23EMM44 | Brand Management |

## OPERATIONS MANAGEMENT
## III SEMESTER

| S. no | CourseCode | SUBJECT TITLE |
|---|---|---|
| 1 | PM23EOM31 | Service Operations Management |
| 2 | PM23EOM32 | Quality Toolkit for Managers |
| 3 | PM23EOM33 | Pricing and Revenue Management |
| 4 | PM23EOM34 | Operations Strategy |

### IV SEMESTER

| S. no | CourseCode | SUBJECT TITLE |
|---|---|---|
| 5 | PM23EOM41 | Behavioral Operations Management |
| 6 | PM23EOM42 | Management of Manufacturing Systems |
| 7 | PM23EOM43 | Sourcing Management |
| 8 | PM23EOM44 | Supply Chain Analytics |

## BUSINESS ANALYTICS

### III SEMESTER

| S. no | CourseCode | SUBJECT TITLE |
|---|---|---|
| 1 | PM23EBA31 | Essentials of Business Analytics |
| 2 | PM23EBA32 | Text, Social Media& Web Analytics |
| 3 | PM23EBA33 | Predictive Analytics |
| 4 | PM23EBA34 | Big Data Analytics |

### IV SEMESTER

| S. no | CourseCode | SUBJECT TITLE |
|---|---|---|
| 5 | PM23EBA41 | Financial Analytics |
| 6 | PM23EBA42 | HR Analytics |
| 7 | PM23EBA43 | Econometrics and Business Forecasting |
| 8 | PM23EBA44 | Marketing Analytics |

These courses provide a well-rounded foundation in general management, covering key areas essential for leadership roles in diverse industries. Depending on the program, students may have the opportunity to choose elective courses based on their specific interests or career goals.

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| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 60% weight<br>3: End of Module Examination-40% weight<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 50% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 50% in each component.**<br>4. End of each module –grade card will be issued |
| 3 | **Award of Degree**<br>Every student registering for the program need to complete a minimum of 103 credits, for the award of **M.B.A Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree |

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| | Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 4 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

GM UNIVERSITY

# GM University, Davanagere

**Faculty of Commerce and Management**
**School Of Management**

## Minutes of 1st BoS Meeting

**Date: 26-12-2023** **Time: 11.30 am.**

**School Title** : **School of Management**

**Program Title:** **PG MBA:** **General Management**
Human Resource Management
Financial Management
Marketing Management
Operations Management
Business Analytics

**Members Present :**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

| | |
|---|---|
| **Proceedings** | The first meeting of Board of Studies of the School of Management commenc<br>with a warm welcome of all the members including the external experts by t<br>Chairman, Dr. Basavaraj Swamy, Dean of Faculty of Commerce and Manageme<br>Later on, the Dean introduced all the members to external experts, Dr.<br>Vijayabaskaran, and Prof (Capt) Nagaraj Subbarao.<br>In his opening remarks, the Chairman briefed the members about the G<br>University, its establishment, academic programmes undertaken this year and fut<br>plans in the years to come.<br>He requested thereafter, Dr. Basavaraju P S, Director, School of Management,<br>start the presentation of program document for MBA. The presentation cove<br>various programs that are going to be offered under general management such<br>Financial Management, Human Resource Management, Marketing Manageme<br>Operations Management and Business Analytics.<br>Discussion were held in detail and the following suggestions were given **by**<br>members.<br>1. Inclusion of certain courses where students can learn over online platf<br>such as Coursera, Swayam, NPTEL etc.<br>2. Inclusion of Fintech as a course or a module in common specialization.<br>3. Provision of Strategic Leadership, Talent and Knowledge Manage<br>course in HR Specialization.<br>4. Inclusion of Ethics and ESG parameters in any of the courses by looking<br>suitability of streams offered.<br><br>**Assessment methods:** Assessment and Grading Procedure of the University was<br>discussed and approved. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorpo<br>the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the<br>meeting |
| **Proposed next Meeting Date** | Feb 2024/March 2024 |

# MBA- Innovation and Entrepreneurship

## PROGRAM DETAILS

| | |
|---|---|
| Faculty | Commerce and Management (FCM) |
| School | School of Management (SM) |
| Program | MBA- General Management |
| Dean of Faculty | Dr. Basavaraj Swamy |
| Director of School | Dr. Basavaraju P S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | MBA- Innovation and Entrepreneurship |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FCM<br>GM University |
| 6 | **Date of Program Specifications** | January -2024 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

14 **Program Overview**

The Master of Business Administration (MBA) program in **Innovation and Entrepreneurship** is a forward-looking and transformative post graduate program designed to empower aspiring entrepreneurs and business leaders. This specialized curriculum is tailored to cultivate an entrepreneurial mindset, providing students with the knowledge, skills, and strategic thinking required to thrive in today's dynamic business environment.

**Entrepreneurial Mindset Development:** At the core of the program is the cultivation of an entrepreneurial

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| | mindset. Students are encouraged to think creatively, identify opportunities, and approach business challenges with innovation at the forefront. Through experiential learning, case studies, and collaborative projects, participants develop a unique perspective that sets them apart in the competitive business landscape.<br>**Comprehensive Entrepreneurial Education:** The curriculum offers a comprehensive exploration of entrepreneurship, covering key aspects such as venture creation, business modelling, and sustainable growth strategies. From understanding the intricacies of funding and financing to navigating regulatory environments, students gain a holistic understanding of the entrepreneurial journey. This depth of knowledge prepares graduates to address the complexities and uncertainties inherent in launching and managing successful ventures.<br>**Practical Application and Industry Engagement:** An emphasis on practical application sets this program apart. Through hands-on projects, engagement with successful entrepreneurs, and exposure to real-world challenges, students apply theoretical concepts to concrete scenarios. The program's strong ties to industry ensure that students benefit from networking opportunities and insights from professionals actively involved in the entrepreneurial ecosystem.<br>**Global Perspective and Ethical Entrepreneurship:** Recognizing the global nature of business, the program integrates a global perspective, preparing students to navigate international markets and cultural nuances. Additionally, ethical considerations are woven into the fabric of the curriculum, instilling a commitment to responsible and sustainable entrepreneurship. Graduates emerge not only as adept business leaders but as ethical entrepreneurs contributing positively to society.<br>In summary, the MBA in Innovation and Entrepreneurship is a transformative journey that goes beyond traditional business education. It equips individuals with the skills to lead with innovation, navigate the challenges of entrepreneurship, and contribute meaningfully to the evolving world of business. This program is tailored for those who aspire to make a lasting impact through their entrepreneurial ventures or by fostering innovation within established organizations. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Strategic Leadership Proficiency:**<br>Graduates of the MBA program will demonstrate advanced proficiency in strategic leadership, showcasing the ability to formulate and implement effective business strategies, adapt to changing environments, and lead organizations toward sustainable success.<br>2. **Cross-Functional Decision-Making:**<br>Program-specific objectives include developing graduates' skills in cross-functional decision-making, enabling them to integrate knowledge from various business disciplines to address complex challenges |

and make informed, well-rounded decisions.

3. **Ethical and Socially Responsible Leadership:**
   Graduates will exhibit a commitment to ethical leadership and corporate social responsibility, incorporating principles of integrity, social impact, and sustainability into their decision-making processes and organizational practices.

16 Program Outcomes (POs):

1. **Strategic Thinking:**
   Graduates will demonstrate the ability to think strategically, analyze complex business situations, and formulate effective strategies to achieve organizational goals in dynamic environments.
2. **Effective Communication Skills:**
   Graduates will possess strong communication skills, both oral and written, enabling them to articulate ideas clearly, engage stakeholders, and convey complex business concepts to diverse audiences.
3. **Leadership and Team Management:**
   Graduates will exhibit leadership qualities and team management skills, demonstrating the ability to lead teams, foster collaboration, and inspire others to achieve common objectives.
4. **Decision-Making Competence:**
   Graduates will be competent in decision-making, showcasing the ability to analyze data, evaluate options, and make informed and ethical decisions that align with organizational goals.
5. **Global Business Acumen:**
   Graduates will have a global perspective and an understanding of the complexities of international business, enabling them to navigate diverse cultural and market dynamics in a globalized business environment.
6. **Innovative Problem-Solving:**
   Graduates will demonstrate innovative problem-solving skills, applying creative thinking and adaptability to address challenges and identify opportunities in business settings.
7. **Financial Management Proficiency:**
   Graduates will acquire advanced financial management skills, including the ability to analyze financial data, make sound financial decisions, and contribute to the overall financial health of an organization.
8. **Entrepreneurial Mindset:**
   Graduates will cultivate an entrepreneurial mindset, showcasing the ability to identify and capitalize

| | |
|---|---|
| | on business opportunities, innovate within established organizations, or initiate and manage entrepreneurial ventures. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Venture Development Proficiency:** Graduates will demonstrate proficiency in the end-to-end process of venture development, from identifying innovative opportunities and creating viable business models to securing funding and effectively launching and managing entrepreneurial ventures.<br>2. **Innovative Problem-Solving and Adaptability:** Program-specific outcomes include the ability to apply innovative problem-solving techniques to address challenges inherent in entrepreneurial ventures. Graduates will showcase adaptability in dynamic business environments, navigating uncertainties and capitalizing on opportunities for sustained success.<br>3. **Effective Leadership in Entrepreneurial Contexts:** Graduates will exhibit leadership qualities specific to entrepreneurial settings, showcasing the ability to inspire and lead teams, make strategic decisions, and foster a culture of innovation within both start-up ventures and established organizations fostering an entrepreneurial mindset. |

**18. Credit Requirements**

- To complete a postgraduate program- MBA, a student is required to earn 106 credits
- Those students who successfully complete only course work (65 Credits) are awarded Postgraduate Diploma
- The credit distribution for MBA Program:
  - Courses = 85 credits
  - Other skills(online courses &conferences, Publications) = 3 credits(1,1,1)
  - Societal project, Internship and Project work- = 18credits (2+8+8)
  - Total = 106 Credits

## Programme Structure

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 1 | PM23IEC11 | Management Essentials & Organizational Behavior | 4 |
| 2 | | PM23IEC12 | Financial Accounting for Managers | 4 |
| 3 | | PM23IEC13 | Marketing Management | 4 |
| 4 | | PM23IEC14 | Economics for Managers | 4 |
| 5 | | PM23IEC15 | Business Statistics and Research-I | 4 |
| 6 | | PM23IEC16 | Professional Communication and Life skills | 4 |
| TOTAL | | | | 24 |
| | | | **Break** | |
| 1 | 2 | PM23IEC21 | Strategic Management | 4 |
| 2 | | PM23IEC22 | Financial Management | 4 |
| 3 | | PM23IEC23 | Human Resource Management | 4 |
| 4 | | PM23IEC24 | Operations Research | 4 |
| 5 | | PM23IEC25 | Entrepreneurship Development | 4 |
| 6 | | PM23IEC26 | Business Statistics and Research II | 4 |
| 7 | | PM23IEC27 | Analytics for Decision Making | 2 |
| 8 | | PM23IES21 | Societal Innovation project | 2 |
| TOTAL | | | | 28 |
| | | | **Break** | |
| 1 | | PM23IEC31 | Legal framework for Entrepreneurs | 3 |

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|---|---|---|---|---|
| 12 | 3 | PM23IEC32 | Social Entrepreneurship | 3 |
| 13 | | PM23IEC33 | Intellectual property management | 3 |
| 14 | | PM23IEC34 | Leadership in Innovation and Entrepreneurship | 3 |
| 15 | | PM23IEC35 | Business Model Innovation | 3 |
| 16 | | PM23IEC36 | Global Entrepreneurship | 3 |
| 17 | | PM23IEI21 | Internship Assessment | **8** |
| **TOTAL** | | | | 26 |
| Break | | | | |
| 18 | 4 | PM23IEC41 | International Business (IB) | 3 |
| 19 | | PM23IEC42 | Innovation Technology Management | 3 |
| 20 | | PM23IEC43 | E-Commerce and Digital Entrepreneurship | 3 |
| 21 | | PM23IEC44 | Entrepreneurial Finance | 3 |
| 22 | | PM23IEC45 | Startup Incubation and Acceleration | 3 |
| 23 | | PM23IEC46 | Ethics in Innovation and Entrepreneurship | 3 |
| | | PM23IET41 | Management Thesis | 8 |
| **TOTAL** | | | | **26** |

**Suggested Courses**

The courses offered in an MBA program in Innovation and Entrepreneurship are designed to provide students with a comprehensive understanding of entrepreneurial principles, innovation strategies, and the skills required to navigate the complex landscape of launching and managing ventures. Here are suggested courses for an MBA in Innovation and Entrepreneurship:

1. **Entrepreneurship and New Venture Creation:** This foundational course explores the entrepreneurial process, from ideation to venture creation. Topics include opportunity recognition, feasibility analysis, and the development of business plans.

2. **Innovation Management:** Examines strategies for fostering innovation within organizations, covering topics such as open innovation, design thinking, and the management of technology and product development.

3. **Venture Financing and Fundraising:** Focuses on financial aspects of entrepreneurship, including fundraising strategies, venture capital, angel investing, and financial management for startups.

4. **Business Model Innovation:** Explores alternative business models and innovative approaches to creating, delivering, and capturing value in the market.

5. **Technology Commercialization:** Examines the process of bringing technological innovations to market, covering licensing, intellectual property, and technology transfer.

6. **Global Entrepreneurship:** Explores the challenges and opportunities of entrepreneurship in a global context, including international market entry strategies, cross-cultural considerations, and global networking.

7. **Lean Startup Methodology:** Focuses on the principles of the lean startup methodology, emphasizing rapid prototyping, customer feedback, and iterative development to create successful and sustainable ventures.

8. **Social Entrepreneurship:** Explores entrepreneurial approaches to addressing social and environmental challenges, including the development of sustainable business models with a positive impact.

9. **Corporate Entrepreneurship:** Examines how established organizations foster innovation and entrepreneurial thinking internally, including strategies for intrapreneurship and corporate venturing.

10. **Negotiation and Deal-Making:** Provides skills in negotiation, deal-making, and contract management essential for entrepreneurs involved in partnerships, collaborations, and funding agreements.

11. **E-Commerce and Digital Entrepreneurship:** Explores the role of technology in entrepreneurship, covering e-commerce strategies, digital marketing, and the use of technology for innovation in business models.

12. **Leadership in Entrepreneurial Environments:** Focuses on leadership skills specific to entrepreneurial contexts, including team building, decision-making, and managing organizational change.

13. **Entrepreneurial Marketing:** Examines marketing strategies tailored for startups and entrepreneurial ventures, including branding, customer acquisition, and effective market positioning.

14. **Ethics and Sustainability in Entrepreneurship:** Explores ethical considerations and sustainable practices in entrepreneurship, emphasizing the responsible and socially conscious aspects of venturing.

These courses collectively provide a well-rounded education in entrepreneurship and innovation, preparing students to tackle the challenges and opportunities in the dynamic world of start-ups and business creation. Depending on the program, students may have the flexibility to choose additional elective courses based on their specific interests and career goals.

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|---|---|
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 60% weight<br>3. End of Module Examination-40% weight<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 50% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 50% in each component.**<br>4. End of each module –grade card will be issued |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 103 credits, for the award of M.B.A Degree** |

**Award of Degree Certificate:**

Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.

**Award of Gold Medal:**

A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 4 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal.

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| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# GM University, Davanagere

Faculty of Commerce and Management
School Of Management

## Minutes of 1st BoS Meeting

**Date: 26-12-2023** **Time: 11.30 am.**

**School Title** : **School of Management**

**Program Title:** **PG MBA: Innovation and Entrepreneurship Management**

**Members Present :**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

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| **Proceedings** | The following suggestions were given by the members.<br>1. Inclusion of Family Business has been suggested by the members<br>2. Inclusion of Ethics and ESG parameters in any of the courses by looking in suitability of streams offered.<br>3. Inclusion of certain courses where students can learn over online platfor such as Coursera, Swayam, NPTEL etc.<br><br>**Assessment methods:** Assessment and Grading Procedure of the University was discussed and approved. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporat the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the n meeting |
| **Proposed next Meeting Date** | Feb 2024/March 2024 |

# MBA- International Business

## PROGRAM DETAILS

| | |
|---|---|
| Faculty | Commerce and Management (FCM) |
| School | School of Management (SM) |
| Program | MBA- International Business |
| Dean of Faculty | Dr. Basavaraj Swamy |
| Director of School | Dr. Basavaraju P S |

| | | |
|---|---|---|
| 1 | Title of the Award | MBA- International Business |
| 2 | Modes of Study | Full Time |
| 3 | Awarding Institution /Body | GM University |
| 4 | Joint Award | Not Applicable |
| 5 | Teaching Institution | FCM<br>GM University |
| 6 | Date of Program Specifications | January -2024 |
| 7 | Date of Course Approval by the Academic Council of GMU | --- |
| 8 | Next Review Date: | --- |
| 9 | Program Approving Regulating Body and Date of Approval | --- |
| 10 | Program Accredited Body and Date of Accreditation | --- |
| 11 | Grade Awarded by the Accreditation Body | --- |
| 12 | Program Accreditation Validity | --- |
| 13 | Program Benchmark | N/A |

14 **Program Overview**

The Master of Business Administration (MBA) program specializing in International Business is a globally-focused Post Graduate program designed to equip aspiring business leaders with the skills and knowledge needed to navigate the complexities of the international marketplace. This specialized curriculum goes beyond traditional business education, immersing students in a comprehensive study of global business strategies, cross-cultural management, and the nuances of conducting business on an international scale.

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| | **Program Highlights:**<br>The MBA in International Business offers a unique blend of theoretical knowledge and practical appli... Students delve into topics such as global market entry strategies, international finance, supply ... management, and the impact of geopolitical factors on business operations.<br>**Cross-Cultural Competence:** A central focus of the program is the development of cross-cul... competence. Students gain insights into diverse cultural perspectives, enabling them to adapt their bus... strategies and effectively lead in a globalized environment.<br>**International Market Analysis:** The curriculum includes in-depth analysis of international markets, exp... trends, opportunities, and challenges. Participants learn to assess market dynamics, conduct ma... research, and formulate entry strategies tailored to specific regions.<br>**Global Strategy Formulation:** Graduates emerge with a deep understanding of global business str... formulation. They are equipped to develop strategies that consider geopolitical, economic, and cul... factors, ensuring organizations thrive in the ever-evolving global business landscape.<br>**Networking and Industry Connections:** Students benefit from networking opportunities with profess... industry experts, and alumni actively engaged in international business. This fosters a rich lear... environment and provides valuable insights into the global business community.<br>**Language Proficiency and Communication Skills:** Recognizing the importance of effective communicati... a global context, the program often includes language proficiency components and hones students' abil... communicate across cultures, fostering strong interpersonal and negotiation skills.<br>**International Business Ethics:** The curriculum addresses ethical considerations specific to interna... business, emphasizing responsible business practices, corporate social responsibility, and ethical deci... making in diverse cultural contexts.<br>Upon completion of the MBA in International Business, graduates are well-prepared to lead in a globa... world, whether managing multinational corporations, launching international ventures, or contributi... the success of organizations engaged in cross-border activities. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Strategic Leadership Proficiency:**<br>Graduates of the MBA program will demonstrate advanced proficiency in strategic leade... showcasing the ability to formulate and implement effective business strategies, adapt to chan... environments, and lead organizations toward sustainable success.<br>2. **Cross-Functional Decision-Making:**<br>Program-specific objectives include developing graduates' skills in cross-functional decision-ma... enabling them to integrate knowledge from various business disciplines to address complex chall... |

and make informed, well-rounded decisions.

3. **Ethical and Socially Responsible Leadership:**
   Graduates will exhibit a commitment to ethical leadership and corporate social responsibility, incorporating principles of integrity, social impact, and sustainability into their decision-making processes and organizational practices.

**Program Outcomes (POs):**

1. **Strategic Thinking:**
   Graduates will demonstrate the ability to think strategically, analyze complex business situations, and formulate effective strategies to achieve organizational goals in dynamic environments.
2. **Effective Communication Skills:**
   Graduates will possess strong communication skills, both oral and written, enabling them to articulate ideas clearly, engage stakeholders, and convey complex business concepts to diverse audiences.
3. **Leadership and Team Management:**
   Graduates will exhibit leadership qualities and team management skills, demonstrating the ability to lead teams, foster collaboration, and inspire others to achieve common objectives.
4. **Decision-Making Competence:**
   Graduates will be competent in decision-making, showcasing the ability to analyze data, evaluate options, and make informed and ethical decisions that align with organizational goals.
5. **Global Business Acumen:**
   Graduates will have a global perspective and an understanding of the complexities of international business, enabling them to navigate diverse cultural and market dynamics in a globalized business environment.
6. **Innovative Problem-Solving:**
   Graduates will demonstrate innovative problem-solving skills, applying creative thinking and adaptability to address challenges and identify opportunities in business settings.
7. **Financial Management Proficiency:**
   Graduates will possess advanced financial management skills, including the ability to analyze financial data, make sound financial decisions, and contribute to the overall financial health of an organization.
8. **Entrepreneurial Mindset:**
   Graduates will cultivate an entrepreneurial mindset, showcasing the ability to identify and capitalize on business opportunities, innovate within established organizations, or initiate and manage

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| | entrepreneurial ventures. |
| 17 | **Program Specific Outcomes (PSOs):**<br>**1. Cross-Cultural Leadership Competence:**<br>Graduates will demonstrate the ability to lead and manage effectively in diverse cultural co... showcasing cross-cultural sensitivity, adaptability, and the capacity to navigate comple... inherent in international business environments.<br>**2. Global Market Strategy Proficiency:**<br>Program-specific outcomes include proficiency in formulating and implementing global marke... strategies. Graduates will be capable of conducting comprehensive international market an... identifying opportunities, and developing strategies that align with the dynamic nature of the g... marketplace.<br>**3. International Business Ethical Acumen:**<br>Graduates will exhibit a deep understanding of ethical considerations in international busi... demonstrating the ability to make ethically sound decisions in diverse cultural and geopo... settings. This includes a commitment to corporate social responsibility and sustainable busi... practices on a global scale. |

**18. Credit Requirements**

- To complete a postgraduate program- MBA, a student is required to earn 106 credits
- Those students who successfully complete only course work (65 Credits), are awarded Postgraduate Diploma
- The credit distribution for MBA Program:
  - Courses = 85 credits
  - Other skills (online courses &conferences, Publications) = 3 credits (1,1,1)
  - Societal project, Internship and Project work- = 18credits (2+8+8)
  - Total = 106 Credits

## Programme Structure

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| | 1 | PM23IBC11 | Management Essentials & Organizational Behavior | 4 |
| | | PM23IBC12 | Financial Accounting for Managers | 4 |
| | | PM23IBC13 | Marketing Management | 4 |
| | | PM23IBC14 | Economics for Managers | 4 |
| | | PM23IBC15 | Business Statistics and Research-I | 4 |
| | | PM23IBC16 | Professional Communication and Life skills | 4 |
| | | | | 24 |
| | | | **Break** | |
| | 2 | PM23IBC21 | Strategic Management | 4 |
| | | PM23IBC22 | Financial Management | 4 |
| | | PM23IBC23 | Human Resource Management | 4 |
| | | PM23IBC24 | Operations Research | 4 |
| | | PM23IBC25 | Entrepreneurship Development | 4 |
| | | PM23IBC26 | Business Statistics and Research II | 4 |
| | | PM23IBC27 | Analytics for Decision Making | 2 |
| | | PM23IBS21 | Societal Innovation project | 2 |
| | | | | 28 |
| | | | **Break** | |
| | | PM23IBC31 | International Business Law | 3 |
| | | PM23IBC32 | International marketing | 3 |

| | | | | |
|---|---|---|---|---|
| 13 | 3 | PM23IBC33 | Global Supply Chain Management | 3 |
| 14 | | PM23IBC34 | International Finance | 3 |
| 15 | | PM23IBC35 | Global Business ethics and corporate Social Responsibility | 3 |
| 16 | | PM23IBC36 | Digital transformation in Global Business | 3 |
| 17 | | PM23IBI31 | Internship Assessment | 8 |
| **TOTAL** | | | | 26 |
| **Break** | | | | |
| 18 | 4 | PM23IBC41 | Crisis Management in Global Business | 3 |
| 19 | | PM23IBC42 | Project Management | 3 |
| 20 | | PM23IBC43 | Global Risk Management | 3 |
| 21 | | PM23IBC44 | Global Business Analytics | 3 |
| 22 | | PM23IBC45 | Global Business Economics | 3 |
| 23 | | PM23IBC46 | International Entrepreneurship | 3 |
| | | PM23IBT41 | Management Thesis | 8 |
| **TOTAL** | | | | 26 |

Suggested Courses

An MBA in International Business typically covers a diverse range of courses to provide students with a comprehensive understanding of global business practices. Here are suggested courses for an MBA in International Business:

1. **International Business Strategy:**

   Provides an overview of the key strategies and frameworks for businesses operating in the global marketplace, including market entry strategies, competitive analysis, and global expansion considerations.

2. **Global Marketing Management:**

   Focuses on international marketing strategies, including market research, global branding, advertising, and the adaptation of marketing practices to diverse cultural contexts.

3. **Cross-Cultural Management:**

   Examines the challenges and opportunities of managing diverse teams and conducting business across cultures, emphasizing communication, negotiation, and conflict resolution skills.

4. **International Finance and Trade:**

   Covers international financial markets, currency exchange, trade policies, and the financial management of multinational corporations engaged in cross-border activities.

5. **Global Supply Chain Management:**

   Explores the complexities of managing global supply chains, including logistics, procurement, and distribution strategies to optimize efficiency and minimize risks.

6. **International Business Law and Ethics:**

   Examines the legal and ethical considerations of conducting business globally, including international contracts, trade regulations, and corporate social responsibility.

7. **Global Business Economics:**

   Provides an understanding of the economic factors influencing international business decisions, including exchange rates, economic policies, and global economic trends.

8. **Strategic Negotiation in International Business:**

   Focuses on negotiation skills specific to international business, addressing cultural nuances, cross-border deal-making, and effective negotiation strategies.

9. **Emerging Markets Management:**

Explores the unique challenges and opportunities presented by emerging markets, including strategies for market entry, risk management, and adaptation to local b environments.

10. **International Entrepreneurship:**

Examines the entrepreneurial aspects of global business, including identifying international opportunities, managing international startups, and fostering innova a global context.

11. **Global Business Analytics:**

Utilizes data analytics tools to analyze global business trends, market dynamics, a consumer behavior, enabling data-driven decision-making in international busines

12. **Corporate Social Responsibility in a Global Context:**

Explores the role of businesses in contributing to sustainable development, ethical considerations, and the social responsibilities of multinational corporations.

13. **International Trade and Finance Law:**

Focuses on legal aspects related to international trade, finance, and investment, including trade agreements, dispute resolution mechanisms, and regulatory frame

14. **Crisis Management in Global Business:**

Examines strategies for managing crises, including geopolitical risks, natural disast and economic downturns, with a focus on maintaining business continuity.

These courses collectively provide a well-rounded education in international busi preparing students to navigate the complexities of the global business environment. Depe on the program, students may have the opportunity to choose elective courses based on specific interests or career goals.

**Teaching and Learning Methods**

1. Face to Face Lectures using Audio-Visuals
2. Laboratory work/Field work/Workshop
3. Project Based Learning
4. Problem Based Learning
5. Group Exercises/Assignments
6. Demonstrations
7. Guest Lectures
8. Industry Visit
9. Workshops, Group Discussions, Debates, Presentations
10. Project Work
11. Project Exhibitions
12. Technical Competitions

**Attendance**

A minimum of 85% attendance is essential for each module.

**Assessment and Grading**

1. Every course will be assessed for a weight of 100
2. Assignments- 60% weight
3. End of Module Examination-40% weight

2. If marks scored is:

- 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)
- If one scores D grade, the candidate is required to re-register for the module and earn the required credits
- **A minimum of overall 50% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 50% in each component.**

4. End of each module –grade card will be issued

**Award of Degree**

Every student registering for the program need to complete a **minimum of 103 credits, for the award of M. B A. Degree**

**Award of Degree Certificate:**

Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.

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| | **Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D [illegible] any course over 4 semester and completing the program within the specified period of 2 [illegible] semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

GM UNIVERSITY

# GM University, Davanagere

Faculty of Commerce and Management
School Of Management

## Minutes of 1st BoS Meeting

**Date: 26-12-2023** **Time: 11.30 am.**

**School Title : School of Management**

**Program Title: PG MBA: International Business**

**Members Present :**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

| | |
|---|---|
| **Proceedings** | The following suggestions were given by the members.<br>1. Include Cross Cultural Management and Digital Transformation as c courses under International Business.<br>2. Inclusion of Ethics and ESG parameters in any of the courses by looking suitability of streams offered.<br>3. Inclusion of certain courses where students can learn over online pla such as Coursera, Swayam, NPTEL etc.<br>4. Inclusion of Fintech as a course or a module in common specialization.<br><br>**Assessment methods:** Assessment and Grading Procedure of the University wa discussed and approved. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorp the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the meeting |
| **Proposed next Meeting Date** | Feb 2024/March 2024 |

# MBA- Agricultural Marketing

## PROGRAM DETAILS

| | |
|---|---|
| Faculty | Commerce and Management (FCM) |
| School | School of Management (SM) |
| Program | MBA- Agricultural Management |
| Dean of Faculty | Dr. Basavaraj Swamy |
| Director of School | Dr. Basavaraju P S |

| | | |
|---|---|---|
| 1 | Title of the Award | MBA- Agricultural Marketing |
| 2 | Modes of Study | Full Time |
| 3 | Awarding Institution /Body | GM University |
| 4 | Joint Award | Not Applicable |
| 5 | Teaching Institution | FCM<br>GM University |
| 6 | Date of Program Specifications | January -2024 |
| 7 | Date of Course Approval by the Academic Council of GMU | --- |
| 8 | Next Review Date: | --- |
| 9 | Program Approving Regulating Body and Date of Approval | --- |
| 10 | Program Accredited Body and Date of Accreditation | --- |
| 11 | Grade Awarded by the Accreditation Body | --- |
| 12 | Program Accreditation Validity | --- |
| 13 | Program Benchmark | N/A |

**Program Overview**

The Master of Business Administration (MBA) program in Agricultural Marketing is a specialized Post Graduate program designed to equip students with the knowledge and skills needed to navigate the unique challenges and opportunities within the agricultural sector. This program combines traditional business education with a focus on the intricacies of agricultural markets, supply chains, and sustainable practices.

**Program Highlights:**

The MBA in Agricultural Marketing delves into the agricultural industry's dynamics, covering areas such as crop marketing, agribusiness management, and food supply chains. Participants gain insights into the complexities of agricultural production, distribution, and marketing strategies.

**Agribusiness Strategy and Management:** A core focus of the program is on developing strategic thinking and management skills specific to the agricultural sector. Students learn to analyse market trends, evaluate risk factors, and develop effective strategies for agribusinesses.

**Supply Chain Optimization:** The curriculum explores supply chain management in agriculture, emphasizing efficient distribution, logistics, and the integration of technology to optimize the flow of agricultural products from farm to market.

**Agricultural Market Research and Analysis:** Students gain proficiency in market research and analysis tailored to the agricultural domain. This includes understanding consumer behaviour, commodity pricing, and the impact of global factors on agricultural markets.

**Sustainable Agricultural Practices:** Recognizing the importance of sustainability in modern agriculture, the program integrates courses on sustainable practices, resource management, and environmentally conscious business strategies within the agricultural context.

**International Agricultural Trade:** The curriculum often includes a focus on global agricultural trade, exploring international markets, trade policies, and the challenges and opportunities of exporting and importing agricultural products.

**Technology Integration in Agriculture:** Participants learn about the latest technologies transforming agriculture, including precision farming, agrotech, and digital platforms, enabling them to harness innovations for improved agricultural marketing practices.

**Policy and Regulations in Agriculture:** The program addresses the regulatory landscape of agriculture, including government policies, trade agreements, and compliance issues. Students gain an understanding of how regulatory factors impact agricultural marketing strategies.

**Agri-Food Business Development:** Courses in agri-food business development cover aspects of adding value to agricultural products, agri-tourism, and creating sustainable business models within the broader agricultural value chain.

**Entrepreneurship in Agriculture:** The program often includes components on entrepreneurial skills, encouraging participants to explore opportunities for launching their agricultural ventures or innovations within existing agribusinesses.

Upon completion, graduates of the MBA in Agricultural Marketing are well-positioned to lead within the agricultural sector, whether in agribusiness management, food processing, marketing, or rural development. This specialized MBA provides a unique blend of business acumen and agricultural

knowledge, preparing professionals to address the evolving challenges of the agricultural marketplace.

**Program Educational Objectives (PEOs) :**

1. **Strategic Leadership Proficiency:**
   Graduates of the MBA program will demonstrate advanced proficiency in strategic leadership, showcasing the ability to formulate and implement effective business strategies, adapt to changing environments, and lead organizations toward sustainable success.
2. **Cross-Functional Decision-Making:**
   Program-specific objectives include developing graduates' skills in cross-functional decision-making, enabling them to integrate knowledge from various business disciplines to address complex challenges and make informed, well-rounded decisions.
3. **Ethical and Socially Responsible Leadership:**
   Graduates will exhibit a commitment to ethical leadership and corporate social responsibility, incorporating principles of integrity, social impact, and sustainability into their decision-making processes and organizational practices.

**Program Outcomes (POs):**

1. **Strategic Thinking:**
   Graduates will demonstrate the ability to think strategically, analyze complex business situations, and formulate effective strategies to achieve organizational goals in dynamic environments.
2. **Effective Communication Skills:**
   Graduates will develop strong communication skills, both oral and written, enabling them to articulate ideas clearly, engage stakeholders, and convey complex business concepts to diverse audiences.
3. **Leadership and Team Management:**
   Graduates will exhibit leadership qualities and team management skills, demonstrating the ability to lead teams, foster collaboration, and inspire others to achieve common objectives.
4. **Decision-Making Competence:**
   Graduates will be competent in decision-making, showcasing the ability to analyze data, evaluate options, and make informed and ethical decisions that align with organizational goals.
5. **Global Business Acumen:**
   Graduates will have a global perspective and an understanding of the complexities of agri business, enabling them to navigate diverse cultural and market dynamics in a globalized business environment.

| | |
|---|---|
| | 6. **Innovative Problem-Solving:**<br>Graduates will demonstrate innovative problem-solving skills, applying creative thinking a adaptability to address challenges and identify opportunities in business settings.<br>7. **Financial Management Proficiency:**<br>Graduates will acquire advanced financial management skills, including the ability to analyze financ data, make sound financial decisions, and contribute to the overall financial health of a organization.<br>8. **Entrepreneurial Mindset:**<br>Graduates will cultivate an entrepreneurial mindset, showcasing the ability to identify and capitali on business opportunities, innovate within established organizations, or initiate and manag entrepreneurial ventures. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Market-Driven Agricultural Strategies:**<br>Graduates will demonstrate the ability to develop and implement market-driven strategies in th agricultural sector. This includes proficiency in analyzing market trends, identifying consum preferences, and adapting agricultural production and marketing strategies to meet the demands o the market.<br>2. **Effective Supply Chain Management:**<br>Program-specific outcomes include competence in supply chain optimization within the agricultura context. Graduates will showcase the ability to design and manage efficient agricultural supp chains, incorporating logistics, distribution, and technology to enhance overall productivity an reduce waste.<br>3. **Sustainable Agricultural Marketing Practices:**<br>Graduates will exhibit a deep understanding of sustainable agricultural practices and their integration into marketing strategies. This includes considering environmental, social, and economi sustainability factors in decision-making, contributing to the responsible and ethical advancement o the agricultural industry. |

**18. Credit Requirements**

- To complete a postgraduate program- MBA, a student is required to earn 106 credits
- Those students who successfully complete only course work (65 Credits), are awarded Postgraduate Diploma
- The credit distribution for MBA Program:
  - Courses = 85 credits

- Other skills (online courses &conferences, Publications) = 3 credits (1,1,1)
- Societal project, Internship and Project work- = 18credits (2+8+8)
- Total = 106 Credits

**Programme Structure**

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| | 1 | PM23AMC11 | Management Essentials & Organizational Behaviour | 4 |
| | | PM23AMC12 | Financial Accounting for Agri Business | 4 |
| | | PM23AMC13 | Introduction to Agriculture Marketing | 4 |
| | | PM23AMC14 | Economics for Managers | 4 |
| | | PM23AMC15 | Business Statistics and Research-I | 4 |
| | | PM23AMC16 | Professional Communication and Life skills | 4 |
| | | | | 23 |
| | | **Break** | | |
| | 2 | PM23AMC21 | Strategic Management | 4 |
| | | PM23AMC22 | Financial Management | 4 |
| | | PM23AMC23 | Human Resource Management | 4 |
| | | PM23AMC24 | Operations Research | 4 |
| | | PM23AMC25 | Entrepreneurship in Agriculture | 4 |
| | | PM23AMC26 | Business Statistics and Research II | 4 |
| | | PM23AMC27 | Analytics for Decision Making | 2 |
| | | PM23AMS21 | Societal Innovation project | 2 |
| | | | | **28** |
| | | **Break** | | |
| | | PM23AMC31 | Legal aspects Of Agri Business | 3 |

| | | | | |
|---|---|---|---|---|
| 12 | 3 | PM23AMC32 | Project Management | 3 |
| 13 | | PM23AMC33 | Entrepreneurial Finance in Agriculture | 3 |
| 14 | | PM23AMC34 | Advanced Agricultural Economics | 3 |
| 15 | | PM23AMC35 | Digital Marketing in Agriculture | 3 |
| 16 | | PM23AMC36 | Rural marketing | 3 |
| 17 | | PM23AMI37 | Summer Internship Assessment | 1 |
| TOTAL | | | | 25 |
| Break | | | | |
| 18 | 4 | PM23AMC41 | International Agribusiness Management (IAB) | 3 |
| 19 | | PM23AMC42 | Supply Chain Management in Agriculture | 3 |
| 20 | | PM23AMC43 | Sustainable Agriculture and Marketing | 3 |
| 21 | | PM23AMC44 | Consumer Behavior in Agriculture | 3 |
| 22 | | PM23AMC45 | Agricultural Policy and Regulations | 3 |
| 23 | | PM23AMC46 | Brand Management in Agriculture | 3 |
| | | PM23AMT37 | Management Thesis | 1 |
| TOTAL | | | | 25 |

**Suggested Courses**

An MBA in Agricultural Marketing combines business acumen with a focus on the unique aspects of the agricultural industry. Here are suggested courses for an MBA in Agricultural Marketing:

1. **Agricultural Economics:** Provides an understanding of economic principles relevant to the agricultural sector, including factors influencing supply and demand, pricing strategies, and market structures.

2. **Agribusiness Strategy and Management:** Covers strategic planning, organizational management, and business development specific to agribusinesses, preparing students to lead and innovate within the agricultural sector.

3. **Agricultural Market Analysis:** Focuses on market research techniques, data analysis, and market forecasting within the context of agricultural products, enabling students to make informed marketing decisions.

4. **Supply Chain Management in Agriculture:** Explores the intricacies of supply chain optimization, logistics, and distribution within agricultural systems, emphasizing efficiency, sustainability, and technology integration.

5. **Digital Marketing in Agriculture:** Examines the application of digital marketing strategies in the agricultural sector, including social media, e-commerce, and online platforms for reaching and engaging agricultural stakeholders.

6. **Consumer Behavior in Agribusiness:** Studies the factors influencing consumer choices in the agricultural market, providing insights into tailoring marketing strategies to meet consumer preferences.

7. **International Agricultural Marketing:** Explores global agricultural markets, trade policies, and the challenges and opportunities of marketing agricultural products on an international scale.

8. **Sustainable Agriculture and Marketing Practices:** Addresses the principles of sustainable agriculture and their integration into marketing practices, considering environmental and ethical considerations in decision-making.

9. **Food and Agribusiness Entrepreneurship:** Focuses on entrepreneurial skills and strategies within the food and agribusiness sectors, encouraging students to explore innovative approaches to agricultural marketing.

10. **Commodity Trading and Risk Management:** Covers the fundamentals of commodity trading, risk assessment, and management strategies, providing insights into the financial aspects of agricultural marketing.

11. **Brand Management in Agriculture:** Explores the development and management of brands in the agricultural sector, emphasizing the creation of value and differentiation for agricultural products.

12. **Agricultural Policy and Regulations:** Addresses governmental policies, regulations, and compliance issues affecting the agricultural industry, providing insights into the regulatory landscape of agricultural marketing.

13. **Agri-Food Business Development:** Explores strategies for adding value to agricultural products, including product diversification, agri-tourism, and the development of sustainable business models.

14. **Integrated Marketing Communications in Agriculture:** Focuses on developing effective communication strategies for agricultural products, including advertising, public relations, and communication channels tailored to the agricultural industry.

These courses collectively provide a well-rounded education in agricultural marketing, combining business principles with specialized knowledge tailored to the unique challenges and opportunities within the agricultural sector. Depending on the program, students may have the opportunity to choose elective courses based on their specific interests or career goals.

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|---|---|
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 60% weight<br>3. End of Module Examination-40% weight<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• A minimum of overall 50% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 50% in each component.<br>4. End of each module –grade card will be issued |
| 23 | **Award of Degree** |

| | |
|---|---|
| | Every student registering for the program need to complete a **minimum of 103 credits, for the award of M. B.A Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 4 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |
| | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# GM University, Davanagere

Faculty of Commerce and Management
School Of Management

## Minutes of 1st BOS Meeting

**Date: 26-12-2023** **Time:11.30 am.**

**School Title : School of Management**

**Program Title: PG MBA: Agricultural Marketing**

**Members Present :**

| Sl no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**Members Apologies :**

| Sl no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

GM UNIVERSITY

# GM UNIVERSITY, DAVANGERE

FACULTY OF COMMERCE AND MANAGEMENT

**SCHOOL OF MANAGEMENT**

**MINUTES OF FIRST BOARD OF STUDIES MEETING**

**Programme Document: UG**

# GM University, Davanagere

**Faculty of Commerce and Management**
**School of Management**

## Minutes of BOS Meeting

**Date: 26-12-2023** **Time: 10.30 Hrs.**

**School Title** : **School of Management**

**Program Title** : **UG -** **Bachelor of Business Administration**
**BBA - General**
**BBA - Marketing and Sales**
**BBA - Logistics and Supply Chain Management**
**BBA - Innovation and Entrepreneurship**
**BBA - Business Analytics**
**BBA - Digital Marketing and Social Media**
**BBA - Human Resource Management**

**Members Present :**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. H. D. Mahesappa | Pro Vice Chancellor |
| 2 | Dr. Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. Basavaraju P S | Member |
| 5 | Dr. R. Vijayabaskaran | Member |
| 6 | Prof (Capt) Nagaraj Subbarao | Member |
| 7 | Dr. K. Jagadeswari | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |
| 10 | | Member |

**Signature of Members:**

| SI no. | Name of Member | Designation | Signature With Date. |
|---|---|---|---|
| 1 | Dr. H. D. Mahesappa | Pro Vice Chancellor | 26/12/23 |
| 2 | Dr. Basavaraj Swamy | Chairman | 26/12/2023 |
| 3 | Dr. B. Bakkappa | Member | 26/12/23 |
| 4 | Dr. Basavaraju P S | Member | 26/11/23 |
| 5 | Dr. R. Vijayabaskaran | Member | 26/12/23 |
| 6 | Prof (Capt) Nagaraj Subbarao | Member | Attended online |
| 7 | Dr. K. Jagadeswari | Member | 26/12/23 |
| 8 | Mr. Shreeshaila P Vijayapur | Member | 26/12/23 |
| 9 | Mr. Vinay I | Member | 26/12/23 |
| 10 | | Member | |

# BBA –General Management

## PROGRAM DETAILS

| | |
|---|---|
| Faculty | Commerce and Management (FCM) |
| School | School of Management (SM) |
| Program | BBA- General Management |
| Dean of Faculty | Dr. Basavaraj Swamy |
| Director of School | Dr. Basavaraju P S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | BBA -General Management |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

14 **Program Overview**

The Bachelor of Business Administration (BBA) program offers a comprehensive and dynamic education, designed to equip students with the skills and knowledge essential for success in the business world. With a broad curriculum covering key disciplines such as management, finance, marketing, and entrepreneurship, the program ensures a well-rounded understanding of business principles. The BBA program emphasizes both theoretical foundations and practical applications, fostering critical thinking, problem-solving, and effective communication skills.

Students engage in experiential learning through case studies, projects, and internships, gaining valuable

| | |
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| | insights into real-world business challenges. The program also emphasizes the integration of technology and innovation in business practices, preparing students to adapt to the rapidly evolving global business landscape.<br>With a focus on ethical considerations and responsible business practices, graduates of the BBA program emerge ready for diverse career paths, including management roles, entrepreneurship, consulting, and more. The faculty, often comprised of industry professionals, provides mentorship, ensuring that students receive relevant and up-to-date insights into the business world. The BBA program aims to produce graduates who are well-prepared, adaptable, and capable of contributing meaningfully to the ever-changing field of business. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>The program aims to develop graduates with a holistic understanding of business principles and practices, enabling them to comprehend the interdependencies across various business functions including management, finance, marketing, and entrepreneurship.<br>2. **Effective Communication and Collaboration:**<br>Graduates will possess strong communication and collaboration skills, allowing them to articulate ideas effectively, work collaboratively in diverse teams, and contribute meaningfully to organizational goals in professional settings.<br>3. **Adaptability and Innovation:**<br>The program seeks to cultivate graduates' ability to adapt to changing business environments and foster innovation. This involves developing a mindset that embraces continuous learning, technological advancements, and creative problem-solving to address challenges in dynamic business landscapes. |

16 **Program Outcomes (POs):**

1. **Business Knowledge:**
   Graduates will demonstrate a comprehensive understanding of fundamental business concepts, including management, finance, marketing, operations, and entrepreneurship.
2. **Critical Thinking and Problem-Solving:**
   Graduates will possess strong critical thinking skills, enabling them to analyze complex business situations, identify problems, and formulate effective solutions.
3. **Effective Communication Skills:**
   Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to various business contexts and audiences.
4. **Teamwork and Collaboration:**
   Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.
5. **Ethical Decision-Making:**
   Graduates will make ethical decisions in business settings, considering the social, environmental, and legal implications of their actions.
6. **Technological Proficiency:**
   Graduates will be proficient in utilizing technology for business applications, including data analysis, project management, and communication tools.
7. **Global Business Awareness:**
   Graduates will have an awareness of the global business environment, understanding the impact of international factors on business operations and adapting strategies for a global marketplace.
8. **Entrepreneurial Mindset:**
   Graduates will demonstrate an entrepreneurial mindset, including the ability to identify opportunities, take calculated risks, and innovate within a business context.

17 **Program Specific Outcomes (PSOs):**

1. **Strategic Management Competence:**
   Graduates will demonstrate strategic management competence, showcasing the ability to formulate and implement effective business strategies, aligning organizational goals with dynamic market conditions.
2. **Leadership and Decision-Making Skills:**
   Program-specific outcomes include graduates exhibiting leadership and decision-making skills, enabling them to guide teams, make informed decisions, and navigate challenges in diverse business scenarios.

| | |
|---|---|
| | **3. Entrepreneurial Acumen:**<br>Graduates will develop program-specific outcomes related to entrepreneurial acum demonstrating the skills to identify business opportunities, innovate, and foster a proactive creative approach to business challenges. |

## Programme Structure

**A. Definition of Credit:**

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 1 Hr. Tutorial (T) per week | 1 Credit |
| 1 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 96/132 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **132+30=162** |

**3-year degree program: 96+ 30= 126**

**4 Year Honours Program: 132+30= 162**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BAK11<br>UM24BAH11 | Kannada-1/<br>Hindi-1 | 3 |
| 2 | UM24BAE11 | English-1 | 3 |
| 3 | UM24BAC11 | Management Principles and applications | 3 |
| 4 | UM24BAC12 | Marketing Management | 3 |
| 5 | UM24BAC13 | Financial Accounting | 3 |
| 6 | UM24BA014 | OEC-1 –Office Management | 2 |
| 7 | UM24HGT11 | Technical Skills | 0 |
| 8 | UM24HGL12 | Life Skills | 0 |
| 9 | UM24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| 10 | UM24HGV14 | Environmental Awareness and Community Services | 0 |
| 11 | UM24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | UM24HGC16 | Cultural & Literary Activities | 0 |
| 13 | UM24HGR17 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | UM24HGP18 | Placement Training | 0 |
| 15 | | | |
| Total | | | 17 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BAK21/<br>UM24BAH21 | Kannada-2/<br>Hindi-2 | 3 |
| 2 | UM24BAE21 | English-2 | 3 |
| 3 | UM24BAC21 | Human Resource Management | 3 |
| 4 | UM24BAC22 | Business Environment | 3 |
| 5 | UM24BAC23 | Advanced Financial Accounting | 3 |
| 6 | UM24BAO21 | OEC-2- Business Organisation | 2 |
| 7 | UM24HGT21 | Technical Skills | 02 |
| 8 | UM24HGL22 | Life Skills | 01 |
| 9 | UM24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | UM24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC26 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR27 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP28 | Placement Training | 00 |
| 15 | | | |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24BAC31 | Organisational Behaviour | 3 |
| | UM24BAC32 | Small Business Management | 3 |
| | UM24BAC33 | Law and Practice of Income Tax-I | 3 |
| | UM24BAO34 | OEC-3-Social Media Marketing | 2 |
| | UM24BAC31 | Statistics for Business | 3 |
| | UM24HGT31 | Technical Skills | 02 |
| | UM24HGL32 | Life Skills | 01 |
| | UM24HGE33 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV34 | Environmental Awareness and Community Services | 01 |
| | UM24HGA35 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC36 | Cultural & Literary Activities | 00 |
| | UM24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP38 | Placement Training | 01 |
| | | | |
| tal | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24BAC41 | Project Report on Company Analysis | 3 |
| | UM24BAE42 | Auditing and Assurance | 3 |
| | UM24BAC43 | Corporate Accounting | 3 |
| | UM24BAC44 | Law and Practice of Income Tax-II | 3 |
| | UM24BAE41 | OEC-4- Skills for Marketing | 2 |
| | UM24HGT41 | Technical Skills | 02 |
| | UM24HGL42 | Life Skills | 01 |
| | UM24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV44 | Environmental Awareness and Community Services | 01 |
| | UM24HGA45 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC46 | Cultural & Literary Activities | 01 |
| | UM24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP48 | Placement Training | 01 |
| | | | |
| | | | 22 |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24BAC51 | Elements of Costing | 3 |
| 2 | UM24BAC52 | Quantitative Aptitude | 2 |
| 3 | UM24BAC53 | Human Resource Development | 3 |
| 4 | UM24BAC54 | Financial Management | 3 |
| 5 | UM24BAC55 | Research Methodology | 2 |
| 6 | UM24BAC56 | New Venture and Creation Management | 3 |
| 7 | UM24HGT51 | Technical Skills | 02 |
| 8 | UM24HGL52 | Life Skills | 00 |
| 9 | UM24HGE53 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV54 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | UM24HGC56 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP58 | Placement Training | 01 |
| | | | |
| Total | | | 20 |

| Semester-6 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24BAC61 | Methods and Techniques of Costing | 3 |
| 2 | UM24BAC62 | Management Accounting | 3 |
| 3 | UM24BAC63 | GST- Fundamentals | 3 |
| 4 | UM24BAC64 | Business Ethics and Corporate Social Responsibility | 3 |
| 5 | UM24BAC65 | Dissertation | 3 |
| 6 | UM24BAC66 | International Business | 3 |
| 7 | UM24HGT61 | Technical Skills | 02 |
| 8 | UM24HGL62 | Life Skills | 00 |
| 9 | UM24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UM24HGV64 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC66 | Cultural & Literary Activities | 01 |
| 13 | UM24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP68 | Placement Training | 00 |
| | | | |
| Total | | | 22 |

| Semester-7 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24BAC71 | Applied Managerial Economics | 4 |
| | UM24BAC72 | Financial Market and Services | 4 |
| | UM24BAC73 | Management Statistics | 4 |
| | UM24BAC74 | Internship | 8 |
| | UM24HGT71 | Technical Skills | 00 |
| | UM24HGL72 | Life Skills | 00 |
| | UM24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV74 | Environmental Awareness and Community Services | 00 |
| | UM24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC76 | Cultural & Literary Activities | 01 |
| | UM24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| | UM24HGR78 | Placement Training | 00 |
| | | | |
| | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24BAC81 | Strategic Financial management | 4 |
| | UM24BAC82 | Operations Research | 4 |
| | UM24BAC83 | Project Work | 8 |
| | UM24HGT81 | Technical Skills | 00 |
| | UM24HGL82 | Life Skills | 00 |
| | UM24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV84 | Environmental Awareness and Community Services | 00 |
| | UM24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC86 | Cultural & Literary Activities | 00 |
| | UM24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| | UM24HGP88 | Placement Training | 00 |
| | | | |
| | | | 18 |

Open Electives Offered

1. Office Management
2. Business Organization
3. Social media marketing
4. Skills for marketing

**Program Delivery and Program Attainment**

The program comprises several courses, each delivered according to the specifications outlined in the

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|---|---|
| | course documents. At the conclusion of each course, both course attainments and program attainments computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of BBM Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree** |

Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree.**

**Award of Degree Certificate:**

Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.

**Award of Gold Medal:**

A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal.

**Student Support for Learning**

1. Course Notes
2. Reference Books in the Library
3. Magazines and Journals
4. Internet Facility
5. Computing Facility
6. Laboratory Facility
7. Workshop Facility
8. Staff Support
9. Lounges for Discussions
10. Any other support that enhances their learning

**Quality Control Measures**

1. Review of Course Notes
2. Review of Question Papers and Assignment Questions
3. Student Feedback
4. Moderation of Assessed Work
5. Opportunities for students to see their assessed work
6. Review by external examiners and external examiners reports
7. Staff Student Consultative Committee meetings
8. Student exit feedback
9. Course Assessment Board (CAB)
10. Programme Assessment Board (PAB)

# GM University, Davanagere

**Faculty of Commerce and Management**
**School Of Management**

## Minutes of 1st BoS Meeting

**Date: 26-12-2023** **Time: 12.30 pm.**

**School Title : School of Management**

**Program Title: UG BBA: Bachelor of Business Administration General**

**Members Present :**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**Members Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

| | |
|---|---|
| **Proceedings** | The first meeting of Board of Studies of the School of Management [illegible] with a warm welcome of all the members including the external expert[illegible] Chairman, Dr. Basavaraj Swamy, Dean of Faculty of Commerce and M[illegible] Later on, the Dean introduced all the members to external expert[illegible] Vijayabaskaran, and Prof (Capt) Nagaraj Subbarao<br>In his opening remarks, the Chairman briefed the members about[illegible] University, its establishment, academic programmes undertaken this year[illegible] plans in the years to come.<br>He requested thereafter, Dr. K Jagadeswari, Head of Department BBA[illegible] Management, to start the presentation of program document for BBA. [illegible] covered various programs that are going to be offered under general BBA[illegible] of professional writing and language skills to the students, was suggested.<br><br>**Assessment methods:** Assessment and Grading Procedure of the Uni[illegible] discussed and approved. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to [illegible] the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up[illegible] meeting |
| **Proposed next Meeting Date** | Feb 2024/March 2024 |

# BBA – Marketing and Sales

## PROGRAM DETAILS

| | |
|---|---|
| Faculty | Commerce and Management (FCM) |
| School | School of Management (SM) |
| Program | BBA- Marketing and Sales |
| Dean of Faculty | Dr. Basavaraj Swamy Marketing and Sales |
| Director of School | Dr. Basavaraju P S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | BBA – Marketing and Sales |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of commerce and Management (FCIM) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

**Program Overview**

The Bachelor of Business Administration (BBA) program specializing in Marketing and Sales is tailored to cultivate skilled professionals equipped with the knowledge and expertise to excel in dynamic marketing environments. This specialized program integrates core business principles with a focus on marketing strategies, consumer behaviour, branding, and sales management.

Students will engage in a comprehensive curriculum covering topics such as digital marketing, market research, advertising, and sales techniques. The program places a strong emphasis on practical applications, encouraging students to develop marketing plans, conduct market analyses, and execute sales strategies

| | |
|---|---|
| | through hands-on projects and case studies.<br>With an eye on emerging trends in the marketing landscape, the program addresses the integration of digital technologies, social media, and data analytics in marketing and sales efforts. Graduates of this program are well-prepared for careers in marketing management, brand development, advertising, and sales leadership.<br>Upon graduation, students will possess a deep understanding of consumer needs, effective marketing communication strategies, and the skills necessary to drive sales growth. The BBA program specializing in Marketing and Sales aims to produce graduates who can contribute to the success of organizations by effectively reaching and engaging target audiences in today's competitive marketplace. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>The program aims to develop graduates with a holistic understanding of business principles and practices, enabling them to comprehend the interdependencies across various business functions, including management, finance, marketing, and entrepreneurship.<br>2. **Effective Communication and Collaboration:**<br>Graduates will possess strong communication and collaboration skills, allowing them to articulate ideas effectively, work collaboratively in diverse teams, and contribute meaningfully to organizational goals in professional settings.<br>3. **Adaptability and Innovation:**<br>The program seeks to cultivate graduates' ability to adapt to changing business environments and foster innovation. This involves developing a mind-set that embraces continuous learning, technological advancements, and creative problem-solving to address challenges in dynamic business landscapes. |

**Program Outcomes (POs):**

1. **Business Knowledge:**
   Graduates will demonstrate a comprehensive understanding of fundamental business concepts, including management, finance, marketing, operations, and entrepreneurship.
2. **Critical Thinking and Problem-Solving:**
   Graduates will possess strong critical thinking skills, enabling them to analyse complex business situations, identify problems, and formulate effective solutions.
3. **Effective Communication Skills:**
   Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to various business contexts and audiences.
4. **Teamwork and Collaboration:**
   Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.
5. **Ethical Decision-Making:**
   Graduates will make ethical decisions in business settings, considering the social, environmental, and legal implications of their actions.
6. **Technological Proficiency:**
   Graduates will be proficient in utilizing technology for business applications, including data analysis, project management, and communication tools.
7. **Global Business Awareness:**
   Graduates will have an awareness of the global business environment, understanding the impact of international factors on business operations and adapting strategies for a global marketplace.
8. **Entrepreneurial Mindset:**
   Graduates will demonstrate an entrepreneurial mindset, including the ability to identify opportunities, take calculated risks, and innovate within a business context.

**Program Specific Outcomes (PSOs):**

1. **Integrated Marketing Strategies:**
   Graduates will demonstrate the ability to develop and implement integrated marketing strategies, showcasing proficiency in aligning product positioning, pricing, promotion, and distribution to achieve organizational objectives.
2. **Effective Sales Management:**
   Program-specific outcomes include graduates exhibiting expertise in sales management, demonstrating the ability to lead sales teams, implement sales strategies, and drive revenue growth through effective customer relationship management.

| | |
|---|---|
| | **3. Digital Marketing Competence:**<br>*Graduates will possess program-specific outcomes related to digital marketing compete showcasing the ability to leverage digital platforms, social media, and analytics to execute targ marketing campaigns and adapt to evolving trends in the digital landscape.* |

## Programme Structure

**Definition of Credit:**

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 1 Hr. Tutorial (T) per week | 1 Credit |
| 1 Hr. Practical (P) per week | 1 Credit |

| | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 96/132 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **132+30=162** |

**3-year degree program: 96 + 30= 124**

**4 Year Honours Program: 132+30= 162**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24MSK11<br>UM24MSH11 | Kannada-1/<br>Hindi-1 | 3 |
| 2 | UM24MSE11 | English-1 | 3 |
| 3 | UM24MSC11 | Management Principles and applications | 3 |
| 4 | UM24MSC12 | Marketing Management | 3 |
| 5 | UM24MSC13 | Financial Accounting | 3 |
| 6 | UM24MS014 | OEC-1 –Office Management | 2 |
| 7 | UM24HGT11 | Technical Skills | 0 |
| 8 | UM24HGL12 | Life Skills | 0 |
| 9 | UM24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| 10 | UM24HGV14 | Environmental Awareness and Community Services | 0 |
| 11 | UM24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | UM24HGC16 | Cultural & Literary Activities | 0 |
| 13 | UM24HGR17 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | UM24HGP18 | Placement Training | 0 |
| 15 | | | |
| Total | | | 17 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24MSK21/<br>UM24MSH21 | Kannada-2/<br>Hindi-2 | 3 |
| 2 | UM24MSE21 | English-2 | 3 |
| 3 | UM24MSC21 | Human Resource Management | 3 |
| 4 | UM24MSC22 | Business Environment | 3 |
| 5 | UM24MSC23 | Advanced Financial Accounting | 3 |
| 6 | UM24MSO21 | OEC-2- Business Organisation | 2 |
| 7 | UM24HGT21 | Technical Skills | 02 |
| 8 | UM24HGL22 | Life Skills | 01 |
| 9 | UM24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | UM24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC26 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR27 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP28 | Placement Training | 00 |
| 15 | | | |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24MSC31 | Small Business Management | 3 |
| | UM24MSC32 | Statistics for Business | 3 |
| | UM24MSO33 | OEC-3-Socila media marketing | 2 |
| | UM24MSE34 | Consumer Behaviour | 3 |
| | UM24MSE35 | Market Research | 3 |
| | UM24MSE36 | Services Marketing | 02 |
| | UM24HGT31 | Technical Skills | 01 |
| | UM24HGL32 | Life Skills | 00 |
| | UM24HGE33 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV34 | Environmental Awareness and Community Services | 01 |
| | UM24HGA35 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC36 | Cultural & Literary Activities | 00 |
| | UM24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP38 | Placement Training | 01 |
| | | | |
| | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24MSC41 | Project Report on Company Analysis | 3 |
| | UM24MSE42 | Corporate Accounting | 3 |
| | UM24MSE43 | Sales management | 3 |
| | UM24MSE44 | Product Management | 3 |
| | UM24MSO41 | OEC-4- Skills for Marketing | 2 |
| | UM24HGT41 | Technical Skills | 02 |
| | UM24HGL42 | Life Skills | 01 |
| | UM24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV44 | Environmental Awareness and Community Services | 01 |
| | UM24HGA45 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC46 | Cultural & Literary Activities | 01 |
| | UM24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP48 | Placement Training | 01 |
| | | | |
| | | | 22 |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24MSC51 | Quantitative Aptitude | 2 |
| 2 | UM24MSC52 | Research Methodology | 2 |
| 3 | UM24MSC53 | New Venture and Creation Management | 3 |
| 4 | UM24MSE54 | Retail Management | 3 |
| 5 | UM24MSC55 | Financial Management | 3 |
| 6 | UM24MSE56 | E-Commerce | 3 |
| 7 | UM24HGT51 | Technical Skills | 02 |
| 8 | UM24HGL52 | Life Skills | 00 |
| 9 | UM24HGE53 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV54 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | UM24HGC56 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP58 | Placement Training | 01 |
| 15 | | | |
| Total | | | 20 |

| Semester-6 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24MSE61 | Customer Relationship Management | 3 |
| 2 | UM24MSE62 | Advertising and Promotion | 3 |
| 3 | UM24MSC63 | Management Accounting | 3 |
| 4 | UM24MSC64 | Business Ethics and Corporate Social Responsibility | 3 |
| 5 | UM24MSC65 | Desertion Report | 3 |
| 6 | UM24MSC66 | International Business | 3 |
| 7 | UM24HGT61 | Technical Skills | 02 |
| 8 | UM24HGL62 | Life Skills | 00 |
| 9 | UM24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UM24HGV64 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC66 | Cultural & Literary Activities | 01 |
| 13 | UM24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP68 | Placement Training | 00 |
| 15 | | | |
| Total | | | 22 |

| Semester-7 | | | |
|---|---|---|---|
| L No. | Course Code | Course Title | Credits |
| | UM24MSE71 | International Marketing | 4 |
| | UM24MSE72 | Social Media Marketing | 4 |
| | UM24MSC73 | Elements of Costing | 4 |
| | UM24MSC74 | Internship | 8 |
| | UM24HGT71 | Technical Skills | 00 |
| | UM24HGL72 | Life Skills | 00 |
| | UM24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV74 | Environmental Awareness and Community Services | 00 |
| | UM24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC76 | Cultural & Literary Activities | 01 |
| | UM24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| | UM24HGR78 | Placement Training | 00 |
| | | | |
| | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| No. | Course Code | Course Title | Credits |
| | UM24MSE81 | Event Management | 4 |
| | UM24MSE82 | Brand Management | 4 |
| | UM24MSC83 | Project Work | 8 |
| | UM24HGT81 | Technical Skills | 00 |
| | UM24HGL82 | Life Skills | 00 |
| | UM24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV84 | Environmental Awareness and Community Services | 00 |
| | UM24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC86 | Cultural & Literary Activities | 00 |
| | UM24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| | UM24HGP88 | Placement Training | 00 |
| | | | |
| | | | 18 |

List of **Electives** Offered

1. Consumer Behavior
2. Market Research
3. Services Marketing
4. Sales management
5. Product Management
6. Retail Management
7. E-Commerce
8. Customer Relationship Management
9. Advertising and Promotion
10. Brand Management
11. International Marketing
12. Social Media Marketing
13. Sales force Management
14. Event Management

List of Open Electives Offered

1. Office Management
2. Business Organization
3. Social Media Marketing
4. Skills for Marketing

| 19 | **Program Delivery and Program Attainment** |
|---|---|

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| The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of BBM Program. |
| **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree.**<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

# GM University, Davanagere

Faculty of Commerce and Management
School Of Management

## Minutes of 1st BOS Meeting

**Date: 26-12-2023** **Time: 12.30 pm.**

**School Title : School of Management**

**Program Title: UG BBA: Marketing and Sales**

**Members Present :**

| Sl no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | **Pro Vice Chancellor** |
| 2 | Dr.Basavaraj Swamy | **Chairman** |
| 3 | Dr. B. Bakkappa | **Member** |
| 4 | Dr. R. Vijayabaskaran | **Member** |
| 5 | Prof (Capt) Nagaraj Subbarao | **Member** |
| 6 | Dr. Basavaraju P S | **Member** |
| 7 | Dr. Jagadeswari K | **Member** |
| 8 | Mr. Shreeshaila P Vijayapur | **Member** |
| 9 | Mr. Vinay I | **Member** |

**Members Apologies :**

| Sl no. | Name of member | Designation. |
|---|---|---|
| | **NIL** | |

| | |
|---|---|
| **Proceedings** | Dr. K Jagadeswari, Head of Department BBA, School of Management further continued the presentation of program document for BBA in Marketing and Sales Discussion were held in detail and the following suggestions were given by the members.<br>1. Purpose of Open Elective and Continuous Evaluation Process.<br>2. Include advance Excel for Marketing Students.<br><br>**Assessment methods :** Assessment and Grading Procedure of the University was discussed and it is Approved by the Board. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting |
| **Proposed next Meeting Date** | **Feb 2024/March 2024** |

Chairman
BOS of School of Management
Faculty of commerce and Management
GM University
Davangere

# BBA –Logistics and Supply Chain Management

## PROGRAM DETAILS

| | |
|---|---|
| culty | Commerce and Management (FCM) |
| ool | School of Management (SM) |
| gram | BBA- Logistics and Supply Chain Management |
| e of Faculty | Dr. Basavaraj Swamy |
| ctor of School | Dr. Basavaraju P S |

| | |
|---|---|
| Title of the Award | BBA -Logistics and Supply Chain Management |
| Modes of Study | Full Time |
| Awarding Institution /Body | GM University |
| Joint Award | Not Applicable |
| Teaching Institution | Faculty of commerce and Management (FCM) |
| Date of Program Specifications | November -2023 |
| Date of Course Approval by the Academic Council of GMU | --- |
| Next Review Date: | --- |
| Program Approving Regulating Body and Date of Approval | --- |
| Program Accredited Body and Date of Accreditation | --- |
| Grade Awarded by the Accreditation Body | --- |
| Program Accreditation Validity | --- |
| Program Benchmark | N/A |

**Program Overview**

The Bachelor of Business Administration (BBA) program specializing in Logistics and Supply Chain Management is designed to equip students with the knowledge and skills needed to navigate the complexities of modern supply chain operations. This specialized program integrates core business principles with a focus on logistics, procurement, inventory management, and distribution strategies.

Students will engage in a comprehensive curriculum covering topics such as supply chain optimization, transportation management, and global logistics. The program emphasizes both theoretical foundations and practical applications, preparing graduates for key roles in supply chain management across various

| | |
|---|---|
| | industries.<br>With a strong emphasis on hands-on learning, case studies, and industry collaborations, students gain practical experience in addressing real-world challenges within the logistics and supply chain domain. The curriculum also addresses the integration of technology and data analytics in supply chain operations, ensuring graduates are well-prepared for the evolving landscape of the industry.<br>Upon graduation, students will be ready to contribute to the efficiency and effectiveness of supply chain processes, optimizing the flow of goods and services from production to consumption. The BBA program specializing in Logistics and Supply Chain Management aims to produce graduates who can thrive in roles related to logistics, procurement, and supply chain optimization. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>The program aims to develop graduates with a holistic understanding of business principles and practices, enabling them to comprehend the interdependencies across various business functions, including management, finance, marketing, and entrepreneurship.<br>2. **Effective Communication and Collaboration:**<br>Graduates will possess strong communication and collaboration skills, allowing them to articulate ideas effectively, work collaboratively in diverse teams, and contribute meaningfully to organizational goals in professional settings.<br>3. **Adaptability and Innovation:**<br>The program seeks to cultivate graduates' ability to adapt to changing business environments and foster innovation. This involves developing a mindset that embraces continuous learning, technological advancements, and creative problem-solving to address challenges in dynamic business landscapes. |

**Program Outcomes (POs):**

1. **Business Knowledge:**
   Graduates will demonstrate a comprehensive understanding of fundamental business concepts, including management, finance, marketing, operations, and entrepreneurship.
2. **Critical Thinking and Problem-Solving:**
   Graduates will possess strong critical thinking skills, enabling them to analyze complex business situations, identify problems, and formulate effective solutions.
3. **Effective Communication Skills:**
   Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to various business contexts and audiences.
4. **Teamwork and Collaboration:**
   Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.
5. **Ethical Decision-Making:**
   Graduates will make ethical decisions in business settings, considering the social, environmental, and legal implications of their actions.
6. **Technological Proficiency:**
   Graduates will be proficient in utilizing technology for business applications, including data analysis, project management, and communication tools.
7. **Global Business Awareness:**
   Graduates will have an awareness of the global business environment, understanding the impact of international factors on business operations and adapting strategies for a global marketplace.
8. **Entrepreneurial Mindset:**
   *Graduates will demonstrate an entrepreneurial mindset, including the ability to identify opportunities, take calculated risks, and innovate within a business context.*

***Program Specific Outcomes (PSOs):***

1. ***Supply Chain Optimization Proficiency:***
   Graduates will demonstrate advanced proficiency in optimizing supply chain processes, showcasing the ability to enhance efficiency, reduce costs, and improve overall performance in the movement of goods and services.
2. **Effective Logistics and Inventory Management:**
   Program-specific outcomes include graduates exhibiting expertise in logistics and inventory management, demonstrating the ability to strategically plan transportation, manage inventory levels, and ensure timely and cost-effective product delivery.

| | |
|---|---|
| | **3. Global Supply Chain Competence:**<br>Graduates will possess program-specific outcomes related to global supply chain compete showcasing the ability to navigate international logistics, understand global trade dynamics, a implement strategies for effective supply chain operations in a diverse and interconnected busi environment. |

## Programme Structure

**Definition of Credit:**

| | |
|---|---|
| Hr. Lecture (L) per week | 1 Credit |
| Hr. Tutorial (T) per week | 1 Credit |
| Hr. Practical (P) per week | 1 Credit |

| | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 96/132 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **132+30=162** |

**3-year degree program: 96 + 30= 126**

**4 Year Honours Program: 132+30= 162**

**Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| Sl. | Course Code | Course Title | Credits |
| | UM24LSK11<br>UM24LSH11 | Kannada-1/<br>Hindi-1 | 3 |
| | UM24LSE11 | English-1 | 3 |
| | UM24LSC11 | Management Principles and applications | 3 |
| | UM24LSC12 | Marketing Management | 3 |
| | UM24LSC13 | Financial Accounting | 3 |
| | UM24LS014 | OEC-1 –Office Management | 2 |
| | UM24HGT11 | Technical Skills | 0 |
| | UM24HGL12 | Life Skills | 0 |
| | UM24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| | UM24HGV14 | Environmental Awareness and Community Services | 0 |
| | UM24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| | UM24HGC16 | Cultural & Literary Activities | 0 |
| | UM24HGR17 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| | UM24HGP18 | Placement Training | 0 |
| | | | |
| | | | 17 |

| Semester-2 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24LSK21/ UM24LSH21 | Kannada-2/ Hindi-2 | 3 |
| 2 | UM24LSE21 | English-2 | 3 |
| 3 | UM24LSC21 | Human Resource Management | 3 |
| 4 | UM24LSC22 | Business Environment | 3 |
| 5 | UM24LSC23 | Advanced Financial Accounting | 3 |
| 6 | UM24LSO21 | OEC-2- Business Organisation | 2 |
| 7 | UM24HGT21 | Technical Skills | 02 |
| 8 | UM24HGL22 | Life Skills | 01 |
| 9 | UM24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | UM24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC26 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR27 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP28 | Placement Training | 00 |
| 15 | | | |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24LSC31 | Small Business Management | 3 |
| 2 | UM24LSC32 | Statistics for Business | 3 |
| 3 | UM24LSO33 | OEC-3-Socila Media Marketing | 2 |
| 4 | UM24LSE34 | Logistics Management | 3 |
| 5 | UM24LSE31 | Supply chain management | 3 |
| 6 | UM24LSE32 | Business Law | 02 |
| 7 | UM24HGT31 | Technical Skills | 01 |
| 8 | UM24HGL32 | Life Skills | 00 |
| 9 | UM24HGE33 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UM24HGV34 | Environmental Awareness and Community Services | 01 |
| 11 | UM24HGA35 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC36 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP38 | Placement Training | 01 |
| 15 | | | |
| Total | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24LSC41 | Project Report on Company Analysis | 3 |
| | UM24LSC42 | Operations management | 3 |
| | UM24LSE43 | Inventory management | 3 |
| | UM24LSC44 | Corporate Accounting | 3 |
| | UM24LSE41 | OEC-4- Skills for Marketing | 2 |
| | UM24HGT41 | Technical Skills | 02 |
| | UM24HGL42 | Life Skills | 01 |
| | UM24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV44 | Environmental Awareness and Community Services | 01 |
| | UM24HGA45 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC46 | Cultural & Literary Activities | 01 |
| | UM24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP48 | Placement Training | 01 |
| | | | |
| | | | 22 |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24LSC51 | Quantitative Aptitude | 2 |
| | UM24LSC52 | Research Methodology | 2 |
| | UM24LSC53 | New Venture and Creation Management | 3 |
| | UM24LSE54 | Supply chain analytics | 3 |
| | UM24LSE55 | E commerce logistics | 3 |
| | UM24LSC56 | Financial Management | 3 |
| | UM24HGT51 | Technical Skills | 02 |
| | UM24HGL52 | Life Skills | 00 |
| | UM24HGE53 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV54 | Environmental Awareness and Community Services | 00 |
| | UM24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC56 | Cultural & Literary Activities | 00 |
| | UM24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP58 | Placement Training | 01 |
| | | | |
| | | | 20 |

| Semester-6 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24LSE61 | Ware house management | 3 |
| 2 | UM24LSE62 | Project Management in Supply Chain | 3 |
| 3 | UM24LSC63 | Management Accounting | 3 |
| 4 | UM24LSC64 | Business Ethics and Corporate Social Responsibility | 3 |
| 5 | UM24LSC65 | Dissertation | 3 |
| 6 | UM24LSC66 | International Business | 3 |
| 7 | UM24HGT61 | Technical Skills | 02 |
| 8 | UM24HGL62 | Life Skills | 00 |
| 9 | UM24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UM24HGV64 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC66 | Cultural & Literary Activities | 01 |
| 13 | UM24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP68 | Placement Training | 00 |
| | | | |
| Total | | | 22 |

| Semester-7 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24LSE71 | Advanced Supply Chain Management | 4 |
| 2 | UM24LSE72 | Strategic Procurement and Sourcing | 4 |
| 3 | UM24LSC73 | Elements of Costing | 4 |
| 4 | UM24LSC74 | Internship | 8 |
| 5 | UM24HGT71 | Technical Skills | 00 |
| 6 | UM24HGL72 | Life Skills | 00 |
| 7 | UM24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| 8 | UM24HGV74 | Environmental Awareness and Community Services | 00 |
| 9 | UM24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10 | UM24HGC76 | Cultural & Literary Activities | 01 |
| 11 | UM24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12 | UM24HGR78 | Placement Training | 00 |
| | | | |
| Total | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24LSE81 | Logistics and Supply Chain Simulation | 4 |
| | UM24LSE82 | Global Logistics and Supply Chain | 4 |
| | UM24LSC83 | Project Work | 8 |
| | UM24HGT81 | Technical Skills | 00 |
| | UM24HGL82 | Life Skills | 00 |
| | UM24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV84 | Environmental Awareness and Community Services | 00 |
| | UM24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC86 | Cultural & Literary Activities | 00 |
| | UM24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| | UM24HGP88 | Placement Training | 00 |
| | | | |
| | | | 18 |

**Electives Offered**

1. Logistics Management
2. Supply chain management
3. Inventory management
4. Transportation management
5. Supply chain analytics
6. E commerce logistics
7. Ware house management
8. Project management in supply chain
9. Advanced supply chain management
10. Strategic procurement and sourcing
11. Logistics and supply chain simulation
12. Global logistics and supply chain

**Open Electives Offered**

1. Office Management
2. Business Organization
3. Social Media Marketing
4. Skills for Marketing

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of BBM Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.** |

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| 4. End of each semester –grade card will be issued with SGPA displayed |
| **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree.**<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# GM University, Davanagere

Faculty of Commerce and Management
School Of Management

## Minutes of 1st BOS Meeting

**Date: 26-12-2023** **Time: 12.30 pm.**

**School Title : School of Management**

**Program Title: UG BBA: Logistics and Supply Chain Management**

**Members Present :**

| Sl no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**bers Apologies :**

| Sl no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

| | |
|---|---|
| **Proceedings** | Dr. K Jagadeswari, Head of Department BBA, School of Management further continued the presentation of program document for BBA in Logistics and Supply Chain Management Discussion were held in detail and the following suggestions were given by the members.<br>• Inclusion of Transportation Management Subject.<br>• Include Freight & Container Management.<br><br>**Assessment methods :** Assessment and Grading Procedure of the University was discussed and it is Approved by the Board. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting |
| **Proposed next Meeting Date** | **Feb 2024/March 2024** |

Chairman
BOS of School of Management
Faculty of commerce and Management
GM University
Davangere

# BBA –Innovation and Entrepreneurship

## PROGRAM DETAILS

| | |
|---|---|
| culty | Commerce and Management (FCM) |
| ool | School of Management (SM) |
| gram | BBA- Innovation and Entrepreneurship |
| e of Faculty | Dr. Basavaraj Swamy |
| ector of School | Dr. Basavaraju P S |

| | |
|---|---|
| **Title of the Award** | BBA -Innovation and Entrepreneurship |
| **Modes of Study** | Full Time |
| **Awarding Institution /Body** | GM University |
| **Joint Award** | Not Applicable |
| **Teaching Institution** | Faculty of commerce and Management (FCM) |
| **Date of Program Specifications** | November -2023 |
| **Date of Course Approval by the Academic Council of GMU** | --- |
| **Next Review Date:** | --- |
| **Program Approving Regulating Body and Date of Approval** | --- |
| **Program Accredited Body and Date of Accreditation** | --- |
| **Grade Awarded by the Accreditation Body** | --- |
| **Program Accreditation Validity** | --- |
| **Program Benchmark** | N/A |

**Program Overview**

The Bachelor of Business Administration (BBA) program specializing in Innovation and Entrepreneurship is crafted to nurture a new generation of business leaders with a keen focus on creativity, innovation, and the entrepreneurial spirit. This dynamic program integrates core business principles with specialized coursework designed to foster entrepreneurial thinking and the ability to drive innovation within organizations or launch new ventures.

Students will engage in a comprehensive curriculum covering topics such as opportunity recognition, product development, business model innovation, and strategic entrepreneurship. The program places a strong

| | |
|---|---|
| | emphasis on hands-on learning, encouraging students to apply innovative concepts to real-world business challenges through projects, case studies, and entrepreneurial initiatives.<br>With a focus on cultivating an entrepreneurial mind set, graduates of this program will be well-equipped to identify opportunities, navigate business uncertainties, and create value in a rapidly changing business landscape. The curriculum also addresses ethical considerations, sustainable business practices, and responsible entrepreneurship.<br>Upon graduation, students are poised to embark on diverse career paths, whether launching their own ventures or contributing to innovative initiatives within established organizations. The BBA program specializing in Innovation and Entrepreneurship aims to produce graduates who can lead and thrive in a dynamic and ever-evolving business environment. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>The program aims to develop graduates with a holistic understanding of business principles and practices, enabling them to comprehend the interdependencies across various business functions, including management, finance, marketing, and entrepreneurship.<br>2. **Effective Communication and Collaboration:**<br>Graduates will possess strong communication and collaboration skills, allowing them to articulate ideas effectively, work collaboratively in diverse teams, and contribute meaningfully to organizational goals in professional settings.<br>3. **Adaptability and Innovation:**<br>The program seeks to cultivate graduates' ability to adapt to changing business environments and foster innovation. This involves developing a mind-set that embraces continuous learning, technological advancements, and creative problem-solving to address challenges in dynamic business landscapes. |

16 **Program Outcomes (POs):**

1. **Business Knowledge:**
   Graduates will demonstrate a comprehensive understanding of fundamental business concepts, including management, finance, marketing, operations, and entrepreneurship.
2. **Critical Thinking and Problem-Solving:**
   Graduates will possess strong critical thinking skills, enabling them to analyse complex business situations, identify problems, and formulate effective solutions.
3. **Effective Communication Skills:**
   Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to various business contexts and audiences.
4. **Teamwork and Collaboration:**
   Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.
5. **Ethical Decision-Making:**
   Graduates will make ethical decisions in business settings, considering the social, environmental, and legal implications of their actions.
6. **Technological Proficiency:**
   Graduates will be proficient in utilizing technology for business applications, including data analysis, project management, and communication tools.
7. **Global Business Awareness:**
   Graduates will have an awareness of the global business environment, understanding the impact of international factors on business operations and adapting strategies for a global marketplace.
8. **Entrepreneurial Mindset:**
   Graduates will demonstrate an entrepreneurial mindset, including the ability to identify opportunities, take calculated risks, and innovate within a business context.

**Program Specific Outcomes (PSOs):**

1. **Venture Creation and Management:**
   Graduates will demonstrate the ability to create, develop, and manage new ventures, showcasing proficiency in entrepreneurial activities such as opportunity identification, business planning, and sustainable venture growth.
2. **Innovative Problem-Solving Skills:**
   Program-specific outcomes include graduates exhibiting advanced problem-solving skills, demonstrating the ability to apply creative and innovative approaches to address business challenges and identify opportunities for growth and improvement.

| | |
|---|---|
| | **3. Effective Communication in Entrepreneurial Contexts:**<br>Graduates will possess strong communication skills specific to entrepreneurial contexts, inclu<br>the ability to pitch ideas persuasively, engage stakeholders, and communicate effectively<br>diverse audiences in the entrepreneurial ecosystem. |

## Programme Structure

**A. Definition of Credit:**

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 1 Hr. Tutorial (T) per week | 1 Credit |
| 1 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 96/132 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **132+30=162** |

**3-year degree program: 96 + 30= 126**

**4 Year Honours Program: 132+30= 162**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24IEK11<br>UM24IEH11 | Kannada-1/<br>Hindi-1 | 3 |
| 2 | UM24IEE11 | English-1 | 3 |
| 3 | UM24IEC11 | Management Principles and Applications | 3 |
| 4 | UM24IEC12 | Marketing Management | 3 |
| 5 | UM24IEC13 | Financial Accounting | 3 |
| 6 | UM24IE014 | OEC-1 –Office Management | 2 |
| 7 | UM24HGT11 | Technical Skills | 0 |
| 8 | UM24HGL12 | Life Skills | 0 |
| 9 | UM24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| 10 | UM24HGV14 | Environmental Awareness and Community Services | 0 |
| 11 | UM24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | UM24HGC16 | Cultural & Literary Activities | 0 |
| 13 | UM24HGR17 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | UM24HGP18 | Placement Training | 0 |
| | | | |
| Total | | | 17 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24IEK21/<br>UM24IEH21 | Kannada-2/<br>Hindi-2 | 3 |
| 2 | UM24IEE21 | English-2 | 3 |
| 3 | UM24IEC21 | Human Resource Management | 3 |
| 4 | UM24IEC22 | Business Environment | 3 |
| 5 | UM24IEC23 | Introduction to Entrepreneurship | 3 |
| 6 | UM24IEO21 | OEC-2- Business Organisation | 2 |
| 7 | UM24HGT21 | Technical Skills | 02 |
| 8 | UM24HGL22 | Life Skills | 01 |
| 9 | UM24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | UM24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC26 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR27 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP28 | Placement Training | 00 |
| | | | |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24IEC31 | Organisational Behaviour | 3 |
| | UM24IEC32 | Small Business Management | 3 |
| | UM24IEE33 | Creativity and Innovation | 3 |
| | UM24IEO34 | OEC-3-Socila Media Marketing | 2 |
| | UM24IEC31 | Statistics for Business | 3 |
| | UM24HGT31 | Technical Skills | 02 |
| | UM24HGL32 | Life Skills | 01 |
| | UM24HGE33 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV34 | Environmental Awareness and Community Services | 01 |
| | UM24HGA35 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC36 | Cultural & Literary Activities | 00 |
| | UM24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP38 | Placement Training | 01 |
| | | | |
| | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24IEC41 | Project Report on Company Analysis | 3 |
| | UM24IEE42 | Entrepreneurial Finance | 3 |
| | UM24IEE43 | Legal aspects of Entrepreneurship | 3 |
| | UM24IEC44 | Corporate Accounting | 3 |
| | UM24IEE41 | OEC-4- Skills for Marketing | 2 |
| | UM24HGT41 | Technical Skills | 02 |
| | UM24HGL42 | Life Skills | 01 |
| | UM24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV44 | Environmental Awareness and Community Services | 01 |
| | UM24HGA45 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC46 | Cultural & Literary Activities | 01 |
| | UM24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP48 | Placement Training | 01 |
| | | | |
| | | | 22 |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24IEE51 | Design Thinking and Product Development | 3 |
| 2 | UM24IEC52 | Quantitative Aptitude | 2 |
| 3 | UM24IEC53 | Human Resource Development | 3 |
| 4 | UM24IEE54 | Global Entrepreneurship | 3 |
| 5 | UM24IEC55 | Research Methodology | 2 |
| 6 | UM24IEC56 | Financial Management | 3 |
| 7 | UM24HGT51 | Technical Skills | 02 |
| 8 | UM24HGL52 | Life Skills | 00 |
| 9 | UM24HGE53 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV54 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | UM24HGC56 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP58 | Placement Training | 01 |
| | | | |
| Total | | | 20 |

| Semester-6 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24IEC61 | Management Accounting | 3 |
| 2 | UM24IEE62 | Intrapreneurship | 3 |
| 3 | UM24IEE63 | Sustainable Entrepreneurship | 3 |
| 4 | UM24IEC64 | Business Ethics and Corporate Social Responsibility | 3 |
| 5 | UM24IEC65 | Dissertation | 3 |
| 6 | UM24IEC66 | Operations Management | 3 |
| 7 | UM24HGT61 | Technical Skills | 02 |
| 8 | UM24HGL62 | Life Skills | 00 |
| 9 | UM24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UM24HGV64 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC66 | Cultural & Literary Activities | 01 |
| 13 | UM24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP68 | Placement Training | 00 |
| | | | |
| Total | | | 22 |

| Semester-7 | | | |
|---|---|---|---|
| No. | Course Code | Course Title | Credits |
| | UM24IEE71 | Advanced Entrepreneurial Finance | 4 |
| | UM24IEC72 | Elements of Costing | 4 |
| | UM24IEE73 | Advanced Marketing Strategies for Entrepreneurs | 4 |
| | UM24IEC74 | Internship | 8 |
| | UM24HGT71 | Technical Skills | 00 |
| | UM24HGL72 | Life Skills | 00 |
| | UM24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV74 | Environmental Awareness and Community Services | 00 |
| | UM24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC76 | Cultural & Literary Activities | 01 |
| | UM24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| | UM24HGR78 | Placement Training | 00 |
| | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| No. | Course Code | Course Title | Credits |
| | UM24IEE81 | Corporate Innovation and Intrapreneurship | 4 |
| | UM24IEE82 | Intellectual Property management | 4 |
| | UM24IEC83 | Project Work | 8 |
| | UM24HGT81 | Technical Skills | 00 |
| | UM24HGL82 | Life Skills | 00 |
| | UM24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV84 | Environmental Awareness and Community Services | 00 |
| | UM24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC86 | Cultural & Literary Activities | 00 |
| | UM24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| | UM24HGP88 | Placement Training | 00 |
| | | | 18 |

List of **Electives Offered**

1. Creativity and innovation
2. Small Business Management
3. Legal aspects of entrepreneurship
4. Entrepreneurial finance
5. Global entrepreneurship
6. Social entrepreneurship
7. Sustainable entrepreneurship
8. Intrapreneurship
9. Advanced Entrepreneurial finance
10. Intellectual Property management

List of Open Electives Offered

1. Office Management
2. Business Organization
3. Social media marketing
4. Skills for marketing

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|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project IEsed Learning<br>4. Problem IEsed Learning |

5. Group Exercises/Assignments
6. Demonstrations
7. Guest Lectures
8. Industry Visit
9. Workshops, Group Discussions, DelEtes, Presentations
10. Project Work
11. Project Exhibitions
12. Technical Competitions

**Attendance**

A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B Com Program.

**Assessment and Grading**

1. Every course will be assessed for a weight of 100
2. There are 4 components:
   a. Quiz -15%
   b. Class Tests: 25%
   c. Application IEsed open assignments/ Activity/project-IEsed learning/problem-IEsed learning and any such assessment: 20%
   d. Semester End Examination: 40%
3. IEsed on total marks scored grade is Awarded.

If marks scored is:

- 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)
- If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits
- **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**

4. End of each semester –grade card will be issued with SGPA displayed

**Award of Degree**

Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree.**

**Award of Degree Certificate:**

Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.

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| | **Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student FeedIEck<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedIEck<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# GM University, Davanagere

Faculty of Commerce and Management
School Of Management

## Minutes of 1st BOS Meeting

**Date: 26-12-2023** **Time: 12.30 pm.**

**School Title : School of Management**

**Program Title: UG BBA: Innovation and Entrepreneurship**

**Members Present :**

| Sl no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**bers Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

| | |
|---|---|
| **Proceedings** | Dr. K Jagadeswari, Head of Department BBA, School of Management further continued the presentation of program document for BBA in Innovation and Entrepreneurship Discussion were held in detail and the following suggestions were given by the members.<br>• Inclusion of Incubation centre.<br>• MSME Program.<br><br>**Assessment methods :** Assessment and Grading Procedure of the University was discussed and it is Approved by the Board. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting |
| **Proposed next Meeting Date** | **Feb 2024/March 2024** |

Chairman
BOS of School of Management
Faculty of commerce and Management
GM University
Davangere

## BBA –Business Analytics

## PROGRAM DETAILS

| | |
|---|---|
| ulty | Commerce and Management (FCM) |
| ool | School of Management (SM) |
| gram | BBA- Business Analytics |
| n of Faculty | Dr. Basavaraj Swamy |
| ctor of School | Dr. Basavaraju P S |

| | |
|---|---|
| **Title of the Award** | BBA -Business Analytics |
| **Modes of Study** | Full Time |
| **Awarding Institution /Body** | GM University |
| **Joint Award** | Not Applicable |
| **Teaching Institution** | Faculty of commerce and Management (FCM) |
| **Date of Program Specifications** | November -2023 |
| **Date of Course Approval by the Academic Council of GMU** | --- |
| **Next Review Date:** | --- |
| **Program Approving Regulating Body and Date of Approval** | --- |
| **Program Accredited Body and Date of Accreditation** | --- |
| **Grade Awarded by the Accreditation Body** | --- |
| **Program Accreditation Validity** | --- |
| **Program Benchmark** | N/A |

**Program Overview**

The Bachelor of Business Administration (BBA) program specializing in Business Analytics is tailored to provide students with a robust education in leveraging data for strategic decision-making within the business realm. This innovative program integrates core business principles with a focus on quantitative analysis, statistical modelling, and data-driven insights.

Students will engage in a comprehensive curriculum covering topics such as data mining, predictive analytics, business intelligence, and machine learning. The program places a strong emphasis on hands-on learning, encouraging students to apply analytical techniques to real-world business challenges through case studies,

| | |
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| | projects, and internships.<br>With the growing importance of data in contemporary business environments, graduates of this program will possess a unique skill set, enabling them to extract valuable insights from large datasets, optimize business processes, and drive informed decision-making. The curriculum also addresses ethical considerations, data privacy, and the responsible use of analytics in business practices.<br>Upon graduation, students are well-prepared for diverse roles such as business analysts, data scientists, and analytics consultants, contributing to organizational success in an increasingly data-driven business landscape. The BBA program specializing in Business Analytics aims to produce graduates who can thrive in a variety of industries by harnessing the power of data for strategic advantage. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>The program aims to develop graduates with a holistic understanding of business principles and practices, enabling them to comprehend the interdependencies across various business functions including management, finance, marketing, and entrepreneurship.<br>2. **Effective Communication and Collaboration:**<br>Graduates will possess strong communication and collaboration skills, allowing them to articulate ideas effectively, work collaboratively in diverse teams, and contribute meaningfully to organizational goals in professional settings.<br>3. **Adaptability and Innovation:**<br>The program seeks to cultivate graduates' ability to adapt to changing business environments and foster innovation. This involves developing a mind-set that embraces continuous learning, technological advancements, and creative problem-solving to address challenges in dynamic business landscapes. |

**Program Outcomes (POs):**

1. **Business Knowledge:**
   Graduates will demonstrate a comprehensive understanding of fundamental business concepts, including management, finance, marketing, operations, and entrepreneurship.
2. **Critical Thinking and Problem-Solving:**
   Graduates will possess strong critical thinking skills, enabling them to analyse complex business situations, identify problems, and formulate effective solutions.
3. **Effective Communication Skills:**
   Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to various business contexts and audiences.
4. **Teamwork and Collaboration:**
   Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.
5. **Ethical Decision-Making:**
   Graduates will make ethical decisions in business settings, considering the social, environmental, and legal implications of their actions.
6. **Technological Proficiency:**
   Graduates will be proficient in utilizing technology for business applications, including data analysis, project management, and communication tools.
7. **Global Business Awareness:**
   Graduates will have an awareness of the global business environment, understanding the impact of international factors on business operations and adapting strategies for a global marketplace.
8. **Entrepreneurial Mind set:**
   Graduates will demonstrate an entrepreneurial mind set, including the ability to identify opportunities, take calculated risks, and innovate within a business context.

**Program Specific Outcomes (PSOs):**

1. **Proficiency in Data Analysis Techniques:**
   Graduates will demonstrate advanced proficiency in various data analysis techniques, including statistical analysis, data mining, and predictive modelling, enabling them to extract meaningful insights from complex datasets.
2. **Effective Business Decision-Making with Analytics:**
   Program-specific outcomes include graduates exhibiting the ability to apply analytics tools and methodologies to make effective business decisions, optimizing processes, identifying opportunities, and mitigating risks.

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| | **3. Strategic Application of Business Intelligence:**<br>Graduates will develop program-specific outcomes related to the strategic application of busines intelligence, showcasing the ability to leverage data-driven insights for organizational strateg performance improvement, and competitive advantage.<br>. |

**Programme Structure**

**A. Definition of Credit:**

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 96/132 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **132+30=162** |

**3-year degree program: 96+ 30= 126**

**4 Year Honours Program: 134+30= 162**

3. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24ALK11<br>UM24ALH11 | Kannada-1/<br>Hindi-1 | 3 |
| | UM24ALE11 | English-1 | 3 |
| | UM24ALC11 | Management Principles and Applications | 3 |
| | UM24ALC12 | Marketing Management | 3 |
| | UM24ALC13 | Financial Accounting | 3 |
| | UM24AL014 | OEC-1 –Office Management | 2 |
| | UM24HGT11 | Technical Skills | 0 |
| | UM24HGL12 | Life Skills | 0 |
| | UM24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| | UM24HGV14 | Environmental Awareness and Community Services | 0 |
| | UM24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| | UM24HGC16 | Cultural & Literary Activities | 0 |
| | UM24HGR17 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| | UM24HGP18 | Placement Training | 0 |
| | | | |
| | | | 17 |

| Semester-2 | | | |
|---|---|---|---|
| No. | Course Code | Course Title | Credits |
| | UM24ALK21/<br>UM24ALH21 | Kannada-2/<br>Hindi-2 | 3 |
| | UM24ALE21 | English-2 | 3 |
| | UM24ALC21 | Human Resource Management | 3 |
| | UM24ALC22 | Business Environment | 3 |
| | UM24ALC23 | Advanced Financial Accounting | 3 |
| | UM24ALO21 | OEC-2- Business Organisation | 2 |
| | UM24HGT21 | Technical Skills | 02 |
| | UM24HGL22 | Life Skills | 01 |
| | UM24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV24 | Environmental Awareness and Community Services | 01 |
| | UM24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC26 | Cultural & Literary Activities | 00 |
| | UM24HGR27 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP28 | Placement Training | 00 |
| | | | |
| | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24ALC31 | Small Business Management | 3 |
| 2 | UM24ALC32 | Statistics for Business | 3 |
| 3 | UM24ALO33 | OEC-3-Socila Media Marketing | 3 |
| 4 | UM24ALC34 | Information Technology Fundamentals | 3 |
| 5 | UM24ALC31 | Data Analysis and Visualization | 3 |
| 6 | UM24HGT31 | Business Intelligence | 02 |
| 7 | UM24HGL32 | Technical Skills | 01 |
| 8 | UM24HGE33 | Life Skills | 00 |
| 9 | UM24HGV34 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UM24HGA35 | Environmental Awareness and Community Services | 01 |
| 11 | UM24HGC36 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGR37 | Cultural & Literary Activities | 00 |
| 13 | UM24HGP38 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24BAC31 | Placement Training | 01 |
| | | | |
| Total | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24ALC41 | Project Report on Company Analysis | 3 |
| 2 | UM24ALE42 | Corporate Accounting | 3 |
| 3 | UM24ALC43 | Database Management Systems | 3 |
| 4 | UM24ALC44 | Financial Analytics | 3 |
| 5 | UM24ALO41 | OEC-4- Skills for Marketing | 2 |
| 6 | UM24HGT41 | Technical Skills | 02 |
| 7 | UM24HGL42 | Life Skills | 01 |
| 8 | UM24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| 9 | UM24HGV44 | Environmental Awareness and Community Services | 01 |
| 10 | UM24HGA45 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | UM24HGC46 | Cultural & Literary Activities | 01 |
| 12 | UM24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | UM24HGP48 | Placement Training | 01 |
| | | | |
| Total | | | 22 |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24ALC51 | Quantitative Aptitude | 2 |
| | UM24ALC52 | Research Methodology | 2 |
| | UM24ALC53 | New Venture and Creation Management | 3 |
| | UM24ALC54 | Financial Analytics | 3 |
| | UM24ALC55 | Supply Chain Analytics | 3 |
| | UM24ALC56 | Financial Management | 3 |
| | UM24HGT51 | Technical Skills | 02 |
| | UM24HGL52 | Life Skills | 00 |
| | UM24HGE53 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV54 | Environmental Awareness and Community Services | 00 |
| | UM24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC56 | Cultural & Literary Activities | 00 |
| | UM24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP58 | Placement Training | 01 |
| | | | |
| | | | 20 |

| Semester-6 | | | |
|---|---|---|---|
| No. | Course Code | Course Title | Credits |
| | UM24ALC61 | Digital Marketing | 3 |
| | UM24ALC62 | Management Accounting | 3 |
| | UM24ALC63 | Advanced Statistical Methods | 3 |
| | UM24ALC64 | Business Ethics and Corporate Social Responsibility | 3 |
| | UM24ALC65 | Dissertation | 3 |
| | UM24ALC66 | International Business | 3 |
| | UM24HGT61 | Technical Skills | 02 |
| | UM24HGL62 | Life Skills | 00 |
| | UM24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV64 | Environmental Awareness and Community Services | 00 |
| | UM24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC66 | Cultural & Literary Activities | 01 |
| | UM24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP68 | Placement Training | 00 |
| | | | |
| | | | 22 |

| Semester-7 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24ALC71 | Elements of Costing | 4 |
| 2 | UM24ALC72 | Risk Analytics | 4 |
| 3 | UM24ALC73 | Machine Learning for Business | 4 |
| 4 | UM24ALC74 | Internship | 8 |
| 5 | UM24HGT71 | Technical Skills | 00 |
| 6 | UM24HGL72 | Life Skills | 00 |
| 7 | UM24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| 8 | UM24HGV74 | Environmental Awareness and Community Services | 00 |
| 9 | UM24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10 | UM24HGC76 | Cultural & Literary Activities | 01 |
| 11 | UM24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12 | UM24HGR78 | Placement Training | 00 |
| | | | |
| Total | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24ALC81 | Web Analytics | 4 |
| 2 | UM24ALC82 | Health Analytics | 4 |
| 3 | UM24ALC83 | Project Work | 8 |
| 4 | UM24HGT81 | Technical Skills | 00 |
| 5 | UM24HGL82 | Life Skills | 00 |
| 6 | UM24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| 7 | UM24HGV84 | Environmental Awareness and Community Services | 00 |
| 8 | UM24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | UM24HGC86 | Cultural & Literary Activities | 00 |
| 10 | UM24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | UM24HGP88 | Placement Training | 00 |
| | | | |
| Total | | | 18 |

List of **Electives Offered**

1. Information Technology Fundamentals
2. Data Analysis and Visualization
3. Business Intelligence
4. Database Management Systems
5. Financial Analytics
6. Supply chain Analytics
7. Marketing Analytics
8. Digital Marketing

9. Advanced Statistical Methods
10. Risk Analytics
11. Machine Learning for Business
12. Web Analytics
13. Health Analytics

List of Open Electives Offered

1. Office Management
2. Business Organization
3. Social Media Marketing
4. Skills for Marketing

| |
|---|
| **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of BBA Program. |
| **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40% |

| | |
|---|---|
| | 3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree.**<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |

**Quality Control Measures**

1. Review of Course Notes
2. Review of Question Papers and Assignment Questions
3. Student Feedback
4. Moderation of Assessed Work
5. Opportunities for students to see their assessed work
6. Review by external examiners and external examiners reports
7. Staff Student Consultative Committee meetings
8. Student exit feedback
9. Course Assessment Board (CAB)
10. Programme Assessment Board (PAB)

GM UNIVERSITY

# GM University, Davanagere

Faculty of Commerce and Management
School Of Management

## Minutes of 1st BOS Meeting

**Date: 26-12-2023** **Time: 12.30 pm.**

**School Title : School of Management**

**Program Title: UG BBA: Business Analytics**

**Members Present :**

| Sl no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**bers Apologies :**

| Sl no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

| | |
|---|---|
| **Proceedings** | Dr. K Jagadeswari, Head of Department BBA, School of Management further continued the presentation of program document for BBA in Business Analytics Discussion were held in detail and the following suggestions were given by the members.<br>• Inclusion of skills on SPSS, Power Bi, Program R, Tubule, Python.<br><br>**Assessment methods :** Assessment and Grading Procedure of the University was discussed and it is Approved by the Board. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting |
| **Proposed next Meeting Date** | **Feb 2024/March 2024** |

Chairman
BOS of School of Management
Faculty of commerce and Management
GM University
Davangere

# BBA –Digital Marketing and Social Media

## PROGRAM DETAILS

| | |
|---|---|
| ulty | Commerce and Management (FCM) |
| ool | School of Management (SM) |
| gram | BBA- Digital Marketing and Social Media |
| n of Faculty | Dr. Basavaraj Swamy |
| ctor of School | Dr. Basavaraju P S |

| | |
|---|---|
| **Title of the Award** | BBA – Digital Marketing and Social Media |
| **Modes of Study** | Full Time |
| **Awarding Institution /Body** | GM University |
| **Joint Award** | Not Applicable |
| **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| **Date of Program Specifications** | November -2023 |
| **Date of Course Approval by the Academic Council of GMU** | --- |
| **Next Review Date:** | --- |
| **Program Approving Regulating Body and Date of Approval** | --- |
| **Program Accredited Body and Date of Accreditation** | --- |
| **Grade Awarded by the Accreditation Body** | --- |
| **Program Accreditation Validity** | --- |
| **Program Benchmark** | N/A |

**Program Overview**

The Bachelor of Business Administration (BBA) program specializing in Digital Marketing and Social Media is designed to provide students with a cutting-edge education in the rapidly evolving field of digital marketing. This dynamic program integrates core business principles with specialized coursework in digital marketing strategies, social media management, and online brand presence. Students will explore topics such as search engine optimization (SEO), content marketing, social media analytics, and digital advertising.

The curriculum emphasizes a hands-on approach, incorporating real-world projects, case studies, and industry collaborations. Students gain practical experience in utilizing digital tools, social media platforms,

| | |
|---|---|
| | and marketing analytics to create effective online marketing campaigns. With a focus on emerging trends and technologies, graduates are prepared to navigate the ever-changing landscape of digital marketing.<br>Ethical considerations, data privacy, and the social impact of digital marketing practices are integral components of the program. Graduates of this specialized BBA program emerge with the skills and knowledge to thrive in roles such as digital marketing manager, social media strategist, or digital content creator, contributing to the success of businesses in the digital age. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>The program aims to develop graduates with a holistic understanding of business principles and practices, enabling them to comprehend the interdependencies across various business functions, including management, finance, marketing, and entrepreneurship.<br>2. **Effective Communication and Collaboration:**<br>Graduates will possess strong communication and collaboration skills, allowing them to articulate ideas effectively, work collaboratively in diverse teams, and contribute meaningfully to organizational goals in professional settings.<br>3. **Adaptability and Innovation:**<br>The program seeks to cultivate graduates' ability to adapt to changing business environments and foster innovation. This involves developing a mindset that embraces continuous learning, technological advancements, and creative problem-solving to address challenges in dynamic business landscapes. |

**Program Outcomes (POs):**

1. **Business Knowledge:**
   Graduates will demonstrate a comprehensive understanding of fundamental business concepts, including management, finance, marketing, operations, and entrepreneurship.
2. **Critical Thinking and Problem-Solving:**
   Graduates will possess strong critical thinking skills, enabling them to analyze complex business situations, identify problems, and formulate effective solutions.
3. **Effective Communication Skills:**
   Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to various business contexts and audiences.
4. **Teamwork and Collaboration:**
   Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.
5. **Ethical Decision-Making:**
   Graduates will make ethical decisions in business settings, considering the social, environmental, and legal implications of their actions.
6. **Technological Proficiency:**
   Graduates will be proficient in utilizing technology for business applications, including data analysis, project management, and communication tools.
7. **Global Business Awareness:**
   Graduates will have an awareness of the global business environment, understanding the impact of international factors on business operations and adapting strategies for a global marketplace.
8. **Entrepreneurial Mindset:**
   Graduates will demonstrate an entrepreneurial mindset, including the ability to identify opportunities, take calculated risks, and innovate within a business context.

**Program Specific Outcomes (PSOs):**

1. **Strategic Digital Marketing Proficiency:**
   Graduates will demonstrate advanced proficiency in strategic digital marketing, including the ability to develop comprehensive digital marketing plans, execute effective online campaigns, and optimize digital presence across various platforms.
2. **Social Media Management and Engagement:**
   Program-specific outcomes include graduates exhibiting expertise in social media management and engagement, showcasing the ability to create compelling content, analyse social media metrics, and cultivate a strong online brand presence.

| | |
|---|---|
| | **3. Data-Driven Decision-Making in Digital Marketing:**<br>Graduates will develop program-specific outcomes related to data-driven decision-ma... demonstrating the ability to analyse digital marketing analytics, interpret key perfor... indicators, and leverage insights for continuous improvement of digital marketing strategies. |

## Programme Structure

**Definition of Credit:**

| | |
|---|---|
| Hr. Lecture (L) per week | 1 Credit |
| Hr. Tutorial (T) per week | 1 Credit |
| Hr. Practical (P) per week | 1 Credit |

| | Program -Category | Credits |
|---|---|---|
| | Program-Core courses, elective Courses, open electives | 96/132 |
| | Technical Skills | 10 (SDTCD) |
| | Life Skills | 3(CASP) |
| | Innovation and Entrepreneurial Skills | 3(CIPI) |
| | Environmental Awareness and Community Services | 3(SA) |
| | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| | Cultural & Literary Activities | 3(SA) |
| | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| | Placement Training | 3(CASP) |
| | **Total** | **132+30=162** |

**3-year degree program: 96+ 30= 126**

**4 Year Honours Program: 135+30= 162**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24DSK11<br>UM24DSH11 | Kannada-1/<br>Hindi-1 | 3 |
| 2 | UM24DSE11 | English-1 | 3 |
| 3 | UM24DSC11 | Management Principles and Applications | 3 |
| 4 | UM24DSC12 | Marketing Management | 3 |
| 5 | UM24DSC13 | Financial Accounting | 3 |
| 6 | UM24DS014 | OEC-1 –Office Management | 2 |
| 7 | UM24HGT11 | Technical Skills | 0 |
| 8 | UM24HGL12 | Life Skills | 0 |
| 9 | UM24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| 10 | UM24HGV14 | Environmental Awareness and Community Services | 0 |
| 11 | UM24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | UM24HGC16 | Cultural & Literary Activities | 0 |
| 13 | UM24HGR17 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | UM24HGP18 | Placement Training | 0 |
| | | | |
| Total | | | 17 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24DSK21/<br>UM24DSH21 | Kannada-2/<br>Hindi-2 | 3 |
| 2 | UM24DSE21 | English-2 | 3 |
| 3 | UM24DSC21 | Human Resource Management | 3 |
| 4 | UM24DSC22 | Business Environment | 3 |
| 5 | UM24DSC23 | Advanced Financial Accounting | 3 |
| 6 | UM24DSO21 | OEC-2- Business Organisation | 2 |
| 7 | UM24HGT21 | Technical Skills | 02 |
| 8 | UM24HGL22 | Life Skills | 01 |
| 9 | UM24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | UM24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC26 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR27 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP28 | Placement Training | 00 |
| | | | |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24DSC31 | Statistics for Managers | 3 |
| | UM24DSC32 | Small Business Management | 3 |
| | UM24DSE31 | Digital Marketing Fundamentals | 3 |
| | UM24DSE32 | E mail marketing | 3 |
| | UM24DSO31 | OEC-3 Social Media Marketing | 2 |
| | UM24HGT31 | Technical Skills | 02 |
| | UM24HGL32 | Life Skills | 01 |
| | UM24HGE33 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV34 | Environmental Awareness and Community Services | 01 |
| | UM24HGA35 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC36 | Cultural & Literary Activities | 00 |
| | UM24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP38 | Placement Training | 01 |
| | | | |
| | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| No. | Course Code | Course Title | Credits |
| | UM24DSC41 | Project Report on Company Analysis | 3 |
| | UM24DSO41 | OEC-4- Skills for Marketing | 2 |
| | UM24DSC42 | Corporate Accounting | 3 |
| | UM24DSE41 | Influencer Marketing | 3 |
| | UM24DSE42 | Operational Management | 3 |
| | UM24HGT41 | Technical Skills | 02 |
| | UM24HGL42 | Life Skills | 01 |
| | UM24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV44 | Environmental Awareness and Community Services | 01 |
| | UM24HGA45 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC46 | Cultural & Literary Activities | 01 |
| | UM24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP48 | Placement Training | 01 |
| | | | |
| | | | 22 |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24DSC51 | Quantitative Aptitude | 2 |
| 2 | UM24DSC52 | Financial Management | 3 |
| 3 | UM24DSC53 | Research Methodology | 2 |
| 4 | UM24DSC54 | New Venture and Creation Management | 3 |
| 5 | UM24DSE55 | Consumer Behaviour | 3 |
| 6 | UM24DSE56 | Social Media Marketing | 3 |
| 7 | UM24HGT51 | Technical Skills | 02 |
| 8 | UM24HGL52 | Life Skills | 00 |
| 9 | UM24HGE53 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV54 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | UM24HGC56 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP58 | Placement Training | 01 |
| | | | |
| Total | | | 20 |

| Semester-6 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24DSE61 | Content Marketing | 3 |
| 2 | UM24DSC62 | Management Accounting | 3 |
| 3 | UM24DSE63 | Ethics for Business | 3 |
| 4 | UM24DSE64 | Marketing Research | 3 |
| 5 | UM24DSE65 | Dissertation | 3 |
| 6 | UM24DSC66 | International Business | 3 |
| 7 | UM24HGT61 | Technical Skills | 02 |
| 8 | UM24HGL62 | Life Skills | 00 |
| 9 | UM24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UM24HGV64 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC66 | Cultural & Literary Activities | 01 |
| 13 | UM24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP68 | Placement Training | 00 |
| 15 | | | |
| Total | | | 22 |

| Semester-7 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24DSE71 | Legal issues in Digital Marketing | 4 |
| | UM24DSE72 | Reporting and Dash boards | 4 |
| | UM24DSC73 | Elements of Costing | 4 |
| | U024DSC74 | Internship | 8 |
| | UM24HGT71 | Technical Skills | 00 |
| | UM24HGL72 | Life Skills | 00 |
| | UM24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV74 | Environmental Awareness and Community Services | 00 |
| | UM24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC76 | Cultural & Literary Activities | 01 |
| | UM24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| | UM24HGR78 | Placement Training | 00 |
| | | | |
| | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| No. | Course Code | Course Title | Credits |
| | UM24DSE81 | Business Strategy in Digital Life | 4 |
| | UM24DSE82 | Data Analysis for Marketing | 4 |
| | UM24DSC83 | Project | 8 |
| | UM24HGT81 | Technical Skills | 00 |
| | UM24HGL82 | Life Skills | 00 |
| | UM24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV84 | Environmental Awareness and Community Services | 00 |
| | UM24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC86 | Cultural & Literary Activities | 00 |
| | UM24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| | UM24HGP88 | Placement Training | 00 |
| | | | |
| | | | 18 |

List of **Electives Offered**

1. Digital Marketing Fundamentals
2. Social media Strategy
3. E mail Marketing
4. Influencer Marketing
5. Consumer Behavior
6. Social Media Marketing
7. Data Analytics for Marketing
8. Social Media Analytics
9. Legal issues in Digital Marketing
10. Reporting and Dash boards
11. Brand Communication

List of Open Electives Offered

1. Office Management
2. Business Organization
3. Social media marketing
4. Skills for marketing

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning |

4. Problem Based Learning
5. Group Exercises/Assignments
6. Demonstrations
7. Guest Lectures
8. Industry Visit
9. Workshops, Group Discussions, Debates, Presentations
10. Project Work
11. Project Exhibitions
12. Technical Competitions

**Attendance**

A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B Com Program.

**Assessment and Grading**

1. Every course will be assessed for a weight of 100
2. There are 4 components:
   a. Quiz -15%
   b. Class Tests: 25%
   c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%
   d. Semester End Examination: 40%
3. Based on total marks scored grade is Awarded.

If marks scored is:

- 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)
- If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits
- **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**

4. End of each semester –grade card will be issued with SGPA displayed

**Award of Degree**

Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree.**

**Award of Degree Certificate:**

Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.

| | |
|---|---|
| | **Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# GM University, Davanagere

Faculty of Commerce and Management
School Of Management

## Minutes of 1st BOS Meeting

**Date: 26-12-2023** **Time: 12.30 pm.**

**School Title : School of Management**

**Program Title: UG BBA: Digital Marketing and Social Media**

**Members Present :**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**mbers Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

| | |
|---|---|
| **Proceedings** | Dr. K Jagadeswari, Head of Department BBA, School of Management further continued the presentation of program document for BBA in Digital Marketing and Social Media Discussion were held in detail<br>**Assessment methods :** Assessment and Grading Procedure of the University was discussed and it is Approved by the Board. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting |
| **Proposed next Meeting Date** | **Feb 2024/March 2024** |

Chairman
BOS of School of Management
Faculty of commerce and Management
GM University
Davangere

# BBA –Human Resources Management

## PROGRAM DETAILS

| | |
|---|---|
| Faculty | Commerce and Management (FCM) |
| School | School of Management (SM) |
| Program | BBA- Human Resources Management |
| Dean of Faculty | Dr. Basavaraj Swamy |
| Director of School | Dr. Basavaraju P S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | BBA – Human Resources Management |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of commerce and Management (FCIM) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

14 **Program Overview**

The Bachelor of Business Administration (BBA) program specializing in Human Resources Management is designed to provide students with a comprehensive understanding of the strategic role of human resources in organizations. This dynamic program integrates core business principles with specialized coursework focused on human resource practices, talent management, employee relations, and organizational development.

Students will explore topics such as recruitment and selection, training and development, performance management, and employee engagement. The curriculum emphasizes both theoretical foundations and

| | |
|---|---|
| | practical applications, preparing graduates for key roles in human resources departments across various industries.<br>The program places a strong emphasis on interpersonal skills, ethical considerations, and legal aspects of human resources management. Through case studies, projects, and internships, students gain practical experience in addressing real-world HR challenges. Graduates of this specialized BBA program are well-equipped to contribute to the success of organizations by effectively managing human capital and fostering a positive and productive work environment. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>The program aims to develop graduates with a holistic understanding of business principles and practices, enabling them to comprehend the interdependencies across various business functions including management, finance, marketing, and entrepreneurship.<br>2. **Effective Communication and Collaboration:**<br>Graduates will possess strong communication and collaboration skills, allowing them to articulate ideas effectively, work collaboratively in diverse teams, and contribute meaningfully to organizational goals in professional settings.<br>3. **Adaptability and Innovation:**<br>The program seeks to cultivate graduates' ability to adapt to changing business environments and foster innovation. This involves developing a mindset that embraces continuous learning, technological advancements, and creative problem-solving to address challenges in dynamic business landscapes. |

16 **Program Outcomes (POs):**

1. **Business Knowledge:**
   Graduates will demonstrate a comprehensive understanding of fundamental business concepts, including management, human resource, finance, marketing, operations, and entrepreneurship.
2. **Critical Thinking and Problem-Solving:**
   Graduates will possess strong critical thinking skills, enabling them to analyze complex business situations, identify problems, and formulate effective solutions.
3. **Effective Communication Skills:**
   Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to various business contexts and audiences.
4. **Teamwork and Collaboration:**
   Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.
5. **Ethical Decision-Making:**
   Graduates will make ethical decisions in business settings, considering the social, environmental, and legal implications of their actions.
6. **Technological Proficiency:**
   Graduates will be proficient in utilizing technology for business applications, including data analysis, project management, and communication tools.
7. **Global Business Awareness:**
   Graduates will have an awareness of the global business environment, understanding the impact of international factors on business operations and adapting strategies for a global marketplace.
8. **Entrepreneurial Mindset:**
   Graduates will demonstrate an entrepreneurial mindset, including the ability to identify opportunities, take calculated risks, and innovate within a business context.

**Program Specific Outcomes (PSOs):**

1. **Strategic Talent Management:**
   Graduates will exhibit expertise in strategic talent management, demonstrating the ability to attract, retain, and develop a skilled and diverse workforce aligned with organizational objectives.
2. **Effective Employee Relations:**
   Program-specific outcomes include graduates showcasing proficiency in managing employee relations, resolving workplace conflicts, and fostering a positive organizational culture that enhances employee engagement and satisfaction.

| | |
|---|---|
| | **3. Legal and Ethical HR Practices:**<br>Graduates will demonstrate an understanding of legal and ethical considerations in human resources management, ensuring compliance with labour laws, ethical standards, and promoting fair and equitable HR practices within organizations. |

**Programme Structure**

**A. Definition of Credit:**

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 96/132 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **132+30=162** |

**3-year degree program: 96 + 30= 126**

**4 Year Honours Program: 132+30= 162**

3. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24HRK11<br>UM24HRH11 | Kannada-1/<br>Hindi-1 | 3 |
| | UM24HRE11 | English-1 | 3 |
| | UM24HRC11 | Management Principles and Applications | 3 |
| | UM24HRC12 | Marketing Management | 3 |
| | UM24HRC13 | Financial Accounting | 3 |
| | UM24HR014 | OEC-1 –Office Management | 2 |
| | UM24HGT11 | Technical Skills | 0 |
| | UM24HGL12 | Life Skills | 0 |
| | UM24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| | UM24HGV14 | Environmental Awareness and Community Services | 0 |
| | UM24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| | UM24HGC16 | Cultural & Literary Activities | 0 |
| | UM24HGR17 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| | UM24HGP18 | Placement Training | 0 |
| | | | |
| | | | 17 |

| Semester-2 | | | |
|---|---|---|---|
| No. | Course Code | Course Title | Credits |
| | UM24HRK21/<br>UM24HRH21 | Kannada-2/<br>Hindi-2 | 3 |
| | UM24HRE21 | English-2 | 3 |
| | UM24HRC21 | Human Resource Management | 3 |
| | UM24HRC22 | Business Environment | 3 |
| | UM24HRC23 | Advanced Financial Accounting | 3 |
| | UM24HRO21 | OEC-2- Business Organisation | 2 |
| | UM24HGT21 | Technical Skills | 02 |
| | UM24HGL22 | Life Skills | 01 |
| | UM24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV24 | Environmental Awareness and Community Services | 01 |
| | UM24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC26 | Cultural & Literary Activities | 00 |
| | UM24HGR27 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP28 | Placement Training | 00 |
| | | | |
| | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24HRC31 | Organisational Behaviour | 3 |
| 2 | UM24HRC32 | Small Business Management | 3 |
| 3 | UM24HRE33 | Human Resource Planning | 3 |
| 4 | UM24HRC34 | Statistics for Business | 3 |
| 5 | UM24HRO31 | OEC- 3- Socila Media Marketing | 2 |
| 6 | UM24HGT31 | Technical Skills | 02 |
| 7 | UM24HGL32 | Life Skills | 01 |
| 8 | UM24HGE33 | Innovation and Entrepreneurial Skills | 00 |
| 9 | UM24HGV34 | Environmental Awareness and Community Services | 01 |
| 10 | UM24HGA35 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | UM24HGC36 | Cultural & Literary Activities | 00 |
| 12 | UM24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | UM24HGP38 | Placement Training | 01 |
| 14 | | | |
| Total | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24HRC41 | Corporate Accounting | 3 |
| 2 | UM24HRE42 | Employee Relations | 3 |
| 3 | UM24HRE43 | Performance Management | 3 |
| 4 | UM24HRC44 | Project Report on Company Analysis | 3 |
| 5 | UM24HRO41 | OEC-4- Skills for Marketing | 2 |
| 6 | UM24HGT41 | Technical Skills | 02 |
| 7 | UM24HGL42 | Life Skills | 01 |
| 8 | UM24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| 9 | UM24HGV44 | Environmental Awareness and Community Services | 01 |
| 10 | UM24HGA45 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | UM24HGC46 | Cultural & Literary Activities | 01 |
| 12 | UM24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | UM24HGP48 | Placement Training | 01 |
| | | | |
| Total | | | 22 |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| | UM24HRE51 | Strategic Human Resource Management | 3 |
| | UM24HRC52 | Quantitative Aptitude | 2 |
| | UM24HRE53 | Labour Laws and Industrial Relations | 3 |
| | UM24HRC54 | Financial Management | 3 |
| | UM24HRC55 | Research Methodology | 2 |
| | UM24HRC56 | New Venture and Creation Management | 3 |
| | UM24HGT51 | Technical Skills | 02 |
| | UM24HGL52 | Life Skills | 00 |
| | UM24HGE53 | Innovation and Entrepreneurial Skills | 00 |
| | UM24HGV54 | Environmental Awareness and Community Services | 00 |
| | UM24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| | UM24HGC56 | Cultural & Literary Activities | 00 |
| | UM24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP58 | Placement Training | 01 |
| | | | |
| | | | 20 |

| Semester-6 | | | |
|---|---|---|---|
| No. | Course Code | Course Title | Credits |
| | UM24HRC61 | Management Accounting | 3 |
| | UM24HRE62 | International Human Resource Management | 3 |
| | UM24HRE63 | Negotiation and Conflict Resolution | 3 |
| | UM24HRC64 | Business Ethics and Corporate Social Responsibility | 3 |
| | UM24HRC65 | Dissertation | 3 |
| | UM24HRC66 | International Business | 3 |
| | UM24HGT61 | Technical Skills | 02 |
| | UM24HGL62 | Life Skills | 00 |
| | UM24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| | UM24HGV64 | Environmental Awareness and Community Services | 00 |
| | UM24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| | UM24HGC66 | Cultural & Literary Activities | 01 |
| | UM24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| | UM24HGP68 | Placement Training | 00 |
| | | | |
| | | | 22 |

| Semester-7 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24HRE71 | Global HRM Challenges | 4 |
| 2 | UM24HRC72 | Elements of Costing | 4 |
| 3 | UM24HRE73 | Employee Engagement Strategies | 4 |
| 4 | U024HRC74 | Internship | 8 |
| 5 | UM24HGT71 | Technical Skills | 00 |
| 6 | UM24HGL72 | Life Skills | 00 |
| 7 | UM24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| 8 | UM24HGV74 | Environmental Awareness and Community Services | 00 |
| 9 | UM24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10 | UM24HGC76 | Cultural & Literary Activities | 01 |
| 11 | UM24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12 | UM24HGR78 | Placement Training | 00 |
| | | | |
| Total | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24HRE81 | Contemporary Issues in HRM | 4 |
| 2 | UM24HRE82 | Talent Management | 4 |
| 3 | UM24HRC83 | Project Work | 8 |
| 4 | UM24HGT81 | Technical Skills | 00 |
| 5 | UM24HGL82 | Life Skills | 00 |
| 6 | UM24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| 7 | UM24HGV84 | Environmental Awareness and Community Services | 00 |
| 8 | UM24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | UM24HGC86 | Cultural & Literary Activities | 00 |
| 10 | UM24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | UM24HGP88 | Placement Training | 00 |
| | | | |
| Total | | | 18 |

st of **Electives Offered**

1. Human Resource Planning
2. Organizational Behavior
3. Training and Development
4. Performance Management
5. Employee Relations
6. Strategic Human Resource Management
7. Labor Laws and Industrial Relations
8. International Human Resource Management
9. Talent Management
10. Employee Engagement Strategies
11. Contemporary Issues in HRM
12. Global HRM Challenges

t of Open Electives Offered

1. Office Management
2. Business Organization
3. Social Media Marketing
4. Skills for Marketing

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of BBA Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits |

| | |
|---|---|
| | • **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback |

| | |
|---|---|
| | 9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# GM University, Davanagere

**Faculty of Commerce and Management**
**School Of Management**

## Minutes of 1st BOS Meeting

**Date: 26-12-2023** **Time: 12.30 pm.**

**School Title : School of Management**

**Program Title: UG BBA: Human Resource Management**

**Members Present :**

| SI no. | Name of Member | Designation |
|---|---|---|
| 1 | Dr. Maheshappa H D | Pro Vice Chancellor |
| 2 | Dr.Basavaraj Swamy | Chairman |
| 3 | Dr. B. Bakkappa | Member |
| 4 | Dr. R. Vijayabaskaran | Member |
| 5 | Prof (Capt) Nagaraj Subbarao | Member |
| 6 | Dr. Basavaraju P S | Member |
| 7 | Dr. Jagadeswari K | Member |
| 8 | Mr. Shreeshaila P Vijayapur | Member |
| 9 | Mr. Vinay I | Member |

**mbers Apologies :**

| Si no. | Name of member | Designation. |
|---|---|---|
| | NIL | |

| | |
|---|---|
| **Proceedings** | Dr. K Jagadeswari, Head of Department BBA, School of Management further continued the presentation of program document for BBA in Human Resource Discussion were held in detail and the following suggestions were given by the members.<br>• Inclusion of HR Analytics.<br>• Training on Communication skills, body language.<br><br>**Assessment methods :** Assessment and Grading Procedure of the University was discussed and it is Approved by the Board. |
| **Action Taken** | Chairman, BoS advised the Director and HOD of School/Department to incorporate the suggestion given by the members.<br>Director and HOD accepted the suggestions and progress will be taken up in the next meeting |
| **Proposed next Meeting Date** | **Feb 2024/March 2024** |

Chairman
BOS of School of Management
Faculty of commerce and Management
GM University
Davangere

# GM UNIVERSITY

*FACULTY OF COMMERCE AND MANAGEMENT*

*SCHOOL OF MANAGEMENT*

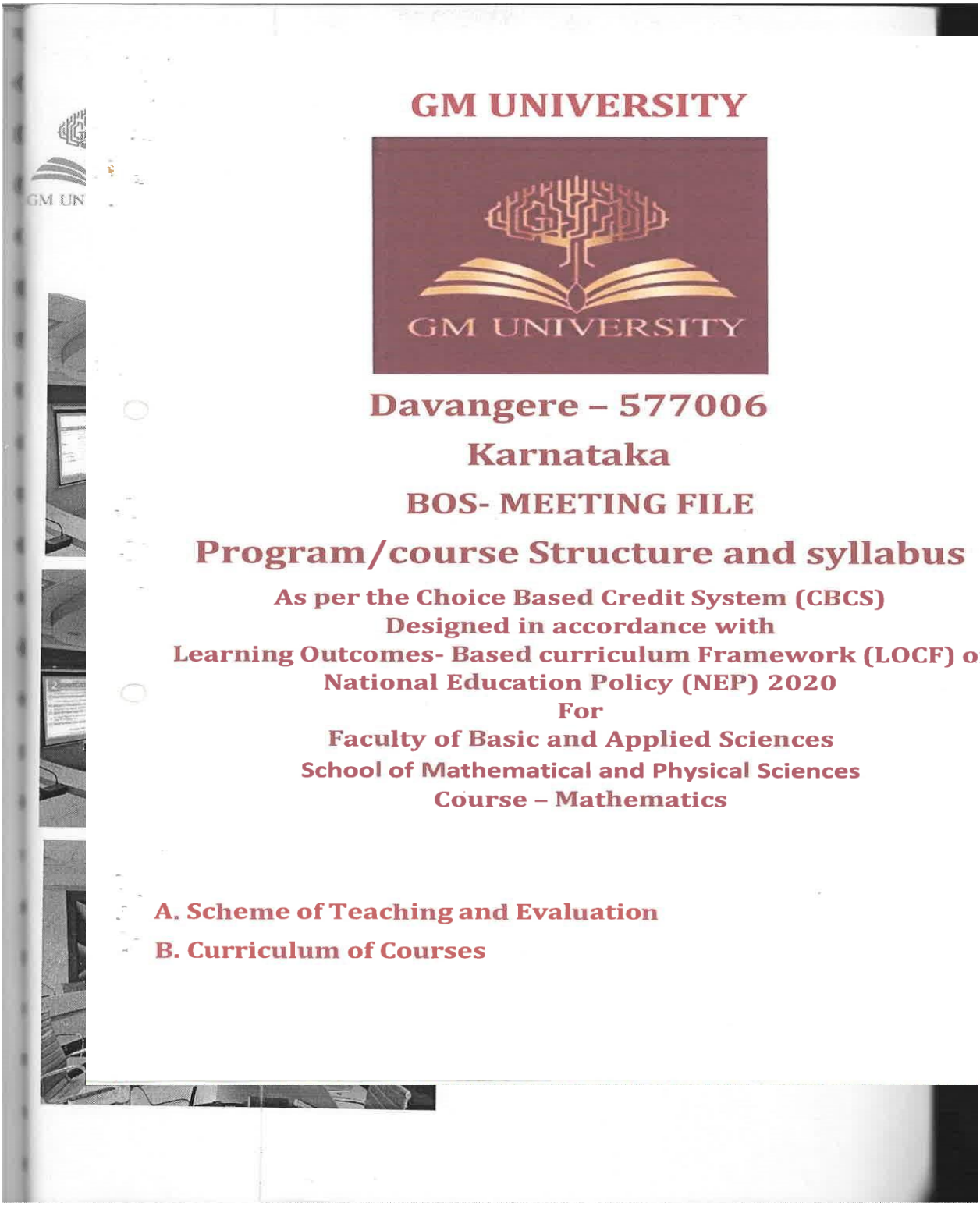
BOARD OF STUDIES MEETING

Date: 26-12-2023

***Suggestions & Remarks:***

- Areas of Business Ethics, Corporate Governance, (ESG)
- Advanced Excel with PowerBuilder BI
- Strategic Marketing Management incorporating Neuromarketing, Programmatic Marketing etc
- Strategic Leadership
- Talent & knowledge Mangement
- Strategic Leadership.
- Family Business Management
- Business etiquettes
- Blockchain, Crypto Currency, NFT. etc.
- Derivatives Stock & Commodity

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1 | Dr. Rupanjana Borkakoty | 28/12/23 |
| | | |
| | | |



# GM UNIVERSITY

GM UNIVERSITY

## Davangere – 577006

## Karnataka

## BOS- MEETING FILE

# Program/course Structure and syllabus

**As per the Choice Based Credit System (CBCS)**
**Designed in accordance with**
**Learning Outcomes- Based curriculum Framework (LOCF) of**
**National Education Policy (NEP) 2020**
**For**
**Faculty of Basic and Applied Sciences**
**School of Mathematical and Physical Sciences**
**Course – Mathematics**

**A. Scheme of Teaching and Evaluation**

**B. Curriculum of Courses**

# GM University, Davangere

Faculty of Basic and Applied Sciences

School of Mathematical and Physical Science

## Department of Mathematics

### Board of Studies Meeting

Date: 26-12-2023 Time:10.30 AM

Venue: AV Room, Ground floor of Central Library

### Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 26-12-2023 | 10.30 am to 10.40am | Welcome and Introduction by Mrs.Chaitra T J |
| | 10.40am to 11.40am | Brief out of all Program document by Mrs. Chetana Amboji(UG) and Ms. Lavanya B (PG) |
| | 11.40am to12.00pm | Discussion on programs offered in UG and PG with the members |
| | 12.00pm to 12.15pm | Finalization of programs and course both UG and PG |
| | 12.15pm to 12.30pm | Formal Vote of Thanks by Dean/Director. |

# GM UNIVERSITY

## FACULTY OF MATHEMATICS

## SCHOOL OF APPLIED SCIENCES

## B.Sc., MATHEMATICS

### BOARD OF STUDIES MEMBERS

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Dean of FBAS | Chairperson | 9972049262 | dean.fbas@gmu.ac.in<br>santhosh@gmit.ac.in |
| 2 | Dr. Rakesh Vishwarup | Director of SAS | Internal Member | 8095692484 | directorfcit.sas@gmu.ac.in |
| 3 | Dr. B J Gireesha | Professor and Director of research and development | External Member | 9741148002 | bjgireesu@gmail.com |
| 4 | Mrs. Chetana Amboji | HOD, Assistant Professor | Internal Member | 9986989143 | cmjdvg@gmail.com |
| 5 | Dr. Onkarappa K S | HOD, Professor | Internal Member | 9844166727 | onkarappaks@gmit.ac.in |
| 6 | Dr. Shanmukha B | Assistant professor | Internal Member | 8884530536 | shanmukhab@gmit.ac.in |
| 7 | Ms. Lavanya B | Assistant professor | Internal Member | 8088702570 | lavanyab@gmit.ac.in |
| 8 | Mrs. Chaitra T J | Assistant professor | Internal Member | 8747976385 | chaitras536@gmail.com |

# GM University, Davanagere

## Minutes of BOS Meeting

**Date:** : 26/12/2023. **Time:** 10:30 AM.

**School Title** : School of Mathematical & physical Science.

**Program Title** : B.Sc Mathematics.

**Members Present** : Dr. B.M Santhosh, Dr. B.J. Gireesha, Dr. K.S. Onkarappa, Dr. Rakesh Vishwarup, Dr. Shanmukha. B, Mrs. Chethana Amboji, Ms Lavanya.B, Mrs. Chaitra. T.J.

**Members Apologies** :

**Proceedings** :
i. Suggested to keep 4 credits for each core Subjects.
ii. Suggested to introduce applied Mathematical Concepts: DMS, advanced ODE, Advanced Analysis & so on.
iii. Internship is one of the good Concept in Bsc program.

**Action Plan** : The
. The suggestions from the External BOS
. member were accepted and modified in
. Program document

**Proposed Next Meeting Date** : April/May 2024.

**Signature of Members**

1) Dr. Santhosh B.M.
2) Dr. Rakesh Vishwarup
3) Dr. B.J. Gireesha.
4) Mrs. Chetana Amboji
5) Dr. Onkarappa. K.S.
6) Dr. Shanmukha. B.
7) Ms. Lavanya. B.
8) Mrs. Chaitra. T.J.

Lavanya.B 26/12

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science

### Department: Mathematics

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **26/12/2023** | **Time** | **10.30AM** |
| **School Title** | **School of Applied Science (SAS)** | | |
| **Program Title** | **B.Sc., Mathematics (Degree/Honor's)** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B.M.**<br>Dean, Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Dr. Rakesh Vishwarup**<br>Director School of Applied Science<br>GM University<br>Davangere – 577006<br>Email: directorfcit.sas@gmu.ac.in | **Member** | 26/12/2 |
| **Dr. B J Gireesha**<br>Professor and Director of research and development.<br>Department of Mathematics<br>Kuvempu University<br>Shankaraghatta-577451<br>Email: bjgireesu@gmail.com | **External Member** | 26/12/23 |
| **Mrs. Chetana Amboji**<br>HOD, Assistant Professor<br>Department of Mathematics<br>GM University<br>Davangere – 577006<br>Email:cmjdvg@gmail.com | **Member** | 26/12/23 |
| **Dr. Onkarappa K S**<br>HOD,Professor<br>Department of Mathematics<br>GM Institute of Technology<br>Davanagere – 577006<br>Email: onkarappaks@gmit.ac.in | **Member** | K.S. Onkarappa |

| | | |
|---|---|---|
| **Dr. Shanmukha B**<br>Assistant professor<br>Department of Mathematics<br>G M University<br>Davanagere<br>Email: shanmukhab@gmit.ac.in | **Member** | 26.12.23 |
| **Ms. Lavanya B**<br>Assistant Professor<br>Department of Mathematics<br>GM University<br>Davanagere-577006<br>Email: lavanyab@gmit.ac.in | **Member** | Lavanya B<br>26/12/2023 |
| **Mrs.Chaitra T J**<br>Assistant Professor<br>Department of Mathematics<br>GM University<br>Davanagere-577006<br>Email: chaitras536@gmail.com | **Member** | Chaitra |

| Agenda | Scheme (I Sem to VIII Sem) for B.Sc., Mathematics(Degree/Honor's) |
|---|---|
| **Proceedings and Suggestion from External BOS Member** | 1. The BOS meeting was conducted on 26/12/2023 at 10.30am in AV Room, GM Central library for discussing the program structure and course content of B.Sc., Mathematics (Degree/Honor's) program.<br>2. Dr. B J Gireesha Professor has invited and attended as an external BOS member. Dr. Santhosh B M, Dean, FBAS, Dr. Rakesh Vishwarup Director, SCBS, Mrs. Chetana Amboji HOD, Dr. Onkarappa K S Professor, Dr. Shanmukha B Asst professor, Ms. Lavanya B, Mrs.Chaitra T J attended the meeting as an internal BOS members. The introduction was done by Prof. Chaitra T J<br>3. The agenda of the program was discussed with BOS members and the suggestions were taken and submitted to academic council meeting.<br>4. B.Sc., Mathematics program document, suggestion report by the BOS members along with their signature was updated in the prescribed format<br>5. The BOS members unanimously suggested the following.<br>**a. Suggested to keep 4 credits for each core subjects**<br>**b. Suggested to interchange the 5th semester paper 5.1 and 5.2 topics according to difficulty of syllabus.**<br>**c. Reduce specialization subjects in 7th and 8th semesters.**<br>**d. Suggested to introduce applied mathematical concepts ex: DMS, Adv ODE, Adv Analysis, so on.**<br>**e. Suggested to reduce credits for Projects.**<br>**f. Internship is one of the good concept in BSc program.** |
| **Action Plan** | Resolution: The Suggestions from the External BOS member was accepted and Modified in Program documents. |
| **Proposed Next Meeting Date** | April / May 2024 |

**Dr. Santhosh B.M.**
**Dean Faculty of Basic and Applied Science**

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Mathematics**

Syllabus Framing Meeting

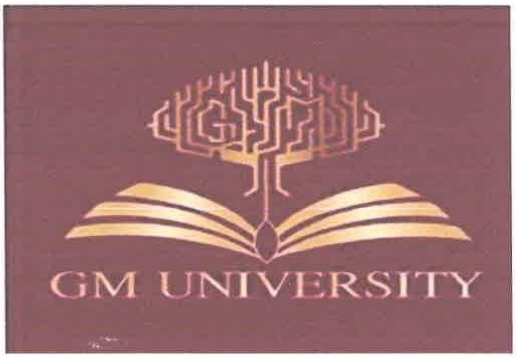
Date:

***Suggestions & Remarks:***

1) 4 credits for each core subject
2) Syllabus starts from Basic Concepts
3) 5th semester paper 5.1 Abstract algebra and line and Multiple Integrals.
paper 5.2 has Complex analysis & vector analysis
4) In Semester 7th & 8th have to include 2 Core papers.
5) Research methodology only for 8th Sem.
6) Reduce specialization subjects.
7) Include applied mathematical topics.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1 | Prof. B.J. Gireesha | |
| 2 | Dr. Santhosh B M | |
| 3 | Dr. Rakesh Vishwakarma | |
| 4 | Prof. Chetana Ambaji | |
| 5 | Dr. Shanmukha B. | |
| 6 | Dr. K.S. Onkarappa | |
| 7 | Lavanya. B | Lavanya. B 6/12/2023 |
| 8 | Chaitra T.J. | Chaitra |

# GM UNIVERSITY




## Davangere – 577006

## Karnataka

## BOS- MEETING FILE

# Program/course Structure and syllabus

**As per the Choice Based Credit System (CBCS)**
**Designed in accordance with**
**Learning Outcomes- Based curriculum Framework (LOCF) of**
**National Education Policy (NEP) 2020**
**For**
**Faculty of Basic and Applied Sciences**
**School of Mathematical and Physical Sciences**
**Course – Physics**

**A. Scheme of Teaching and Evaluation**

**B. Curriculum of Courses**

**GM University, Davanagere**

Faculty of Basic and Applied Science
School of Mathematical and Physical Science

## Department of Physical Science

### Board of Studies Meeting

Date: 26-12-2023 Time:10:30am

Venue: Conference hall, GM Central Library, Davanagere

## Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 26-12-2023 | **10:30 am to 10:40 am** | Welcome and Introduction by Dr. Rakesh Vishwarup |
| | **10:40 am to 11:40 am** | Brief out all program document by Miss.Eva Meghana (Both UG and PG) |
| | **11:40 am to 12:00 pm** | Discussion on programme offered in UG and PG with the members |
| | **12:00 pm to 12:15 pm** | Finalisation of programme and both UG and PG |
| | **12:15 pm to 12:30 pm** | Formal Vote of Thanks by Dr. Santosh B.M , Science Dean GMU |

# GM UNIVERSITY

## FACULTY OF BASIC AND APPLIED SCIENCES

## SCHOOL OF MATHEMATICAL AND PHYSICAL SCIENCES

## B.Sc., PHYSICS (Degree/Honor's)

## BOARD OF STUDIES MEMBERS

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. B M Santosh | HOD, Department of Chemistry,GMIT, Davanagere | Dean,FBAS | 9972049262 | santoshbm@gmit.ac.in |
| 2 | Dr. Muttanagoud N. Kalasad | Professor, DavangereUniversity, Davanagere | External Member | 7760211316 | mnkalasad@gamail.com |
| 3 | Dr. G .H Pujar | HOD, Department of Physics,GMIT, Davanagere | Internal Member | 9739136260 | gonibasappapujar@gmit.ac.in |
| 4 | Dr.Vismitha Patil | Assistant Professor, Department of Physics, GMIT, Davanagere | Internal Member | 6362376211 | vismithaspatil94@gmail.com |
| 5 | Ms. Eva Meghana | HOD, Department of Physics,GMSAFGC, Davanagere | Internal Member | 9482373419 | evameghana.2060@gmail.com |
| 6 | Mr. Veeresh Sharma B M | Assistant Professor, Department of Physics, GMSAFGC, Davanagere | Internal Member | 9449265199 | bmvsharma@gmail.com |

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science

### Department: Physical Science

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **26/12/2023** | **Time** | **10.30am** |
| **School Title** | **School of Basic Science** | | |
| **Program Title** | **B.Sc., Physical Science (Degree/Honor's)** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B.M.**<br>Dean, Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Dr. M.N Kalasad**<br>Associate Professor<br>Davangere University<br>Davangere – 577004<br>Email: mnkalasad@gmail.com | **External Member** | |
| **Dr. G H Pujar**<br>HOD, Assistant Professor<br>Department of Physics<br>GMIT Davanagere - 577006<br>Email: gonibasappapujar@gmit.ac.in | **Member** | 26/12/23 |
| **Dr. Vismitha Patil**<br>Assistant Professor<br>Department of Physics<br>GMIT Davangere – 577006<br>Email: vismithapatil94@gmail.com | **Member** | |
| **Mrs Eva Meghana**<br>HOD, Assistant Professor<br>Department of Botany<br>GMSAFGC Davanagere – 577006<br>Email: evameghana2060@gmail.com | **Member** | 26/12/23. |
| **Mr. Veeresh Sharma B M**<br>Assistant Professor<br>Department of Botany<br>GMSAFGC Davanagere – 577006<br>Email: bmvsharma@gmail.com | **Member** | 26/12/23 |

| Agenda | Scheme (I Sem to VIII Sem) for B.Sc., Physical Science (Degree/ Honor's) |
|---|---|
| **Proceedings and suggestions from external BOS members** | 1. The BOS meeting was conducted on 26/12/2023 at 10.30am in conference hall, GM central library for discussing the programme structure and course content of B.Sc., Physics (Degree/Honor's) programme.<br>2. Dr. M N Kalasad was invited and had attended as an external BOS member. Dr. Santhosh B M, Dean, FBAS, Dr. G H Pujar, Dr. Vismitha Patil, Prop. Eva Meghana, Prof. Veeresh Sharma B M attended the meeting as an internal BOS members. Prof. Eva Meghana gave the presentation on both UG & PG program. The introduction of the external board member was done by Dr. Rakesh Vishwarup.<br>3. The agenda of the programme was discussed with BOS members and the suggestions were taken and submitted to academic council meeting.<br>4. The BOS members unanimously suggested the following.<br>**a. Suggested to introduce some of the Physics core concepts for 7th and 8th semester of the program.**<br>**b. For lab courses specify the title of Lab paper.**<br>**c. Instead of 60% internal & 40% external, make provision for 40% internal & 60% external.**<br>**d. Suggested the need for ongoing professional development for physics teachers was emphasized.** — FDP —<br>**e. The board reviewed the existing assessment methods and discussed potential improvements. Recommendations were made to ensure fair and effective evaluation of student performance.**<br>**f. Opportunities for students to engage in research projects were discussed. A proposal to establish partnerships with local research institutions.**<br>g. **Make provision for handicap student in health & sports.** |
| **Action Plan** | The Suggestions given by the external members were incorporated and necessary changes were made in program documents |
| **Proposed Next Meeting Date** | April 2024 |

**Dr. Santosh B M**

**Dean ,FBAS , GM University**

# GM University, Davanagere

## Minutes of BOS Meeting

**Date** : **26-12-23** **Time:** 10:30 am

**School Title** : **School of Basic Science**

**Program Title** : **B.Sc. Physics**

**Members Present** : Dr. B M Santosh, Dr. M N Kalasad, Mrs. Eva Meghana Mr. Veeresh Sharma BM, Dr. G H Pujar, Dr. Vismitha

**Members Apologies** :

**Proceedings** :
a. Suggested to introduce some of the Physics core concepts for 7th & 8th semester of the program.
b. For Lab courses specify the title of Lab Paper

**Action Plan** : Suggestions given by the external member were incorporated and necessary changes were made in program documents

**Proposed Next Meeting Date:** April 2024

**Signature of Members:** Dr. Santhosh B M

Prof. M. N. Kalasad

Dr. G H Pujar 26/12/23

Dr. Vismitha S. Patil 26/12/23

Prof. Veeresh Sharma B.M 26/12/2023.

Prof. Eva Meghana 26/12/23

# GM UNIVERSITY

**School of Mathematical & Physical Science (SMPS)**
**B.Sc., Physics**

Syllabus Framing Meeting

Date: 26/12/23

***Suggestions & Remarks:***

* Semester 7 & 8 should include Subjects along with projects & internship. two
* a and 7th & 8th sem only one Subject in which they want to choose in Msc later.
*
* For lab mention specifically which lab it is ex: Spectroscopy lab, electronics lab optics lab.
* CIE & weightage should not exceed SEE (60+40).
* If for Skill development program like yoga, athletics if handicap student is there, how he will be evaluated?
* BOS meeting & documentation

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1> | Dr. Santhosh B M | |
| 2 | Prof. M.N. Kalasad | 26/12/2023 |
| 3. | Dr. G H Pujar | 26/12/2023 |
| 4 | Dr Rakesh Vishwakarma | 26/12/23 |
| 5 | Dinesh Sharma. B.M. | 26/12/23. |
| 6. | Eva Meghana | 26/12/23 |

GM UNIVERSITY

**GM UNIVERSITY, DAVANGERE**
**Faculty of Basic and Applied Science**

## Department of Mathematical and Physical Science

### Board of Studies Meeting

Date: 22-12-2023 Time: 2:00 PM

Venue: AV room, GM Central Library, Davanagere

### Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| | 2:00 pm to 2:15pm | Welcome and Introduction by Ms. Priya P |
| | 2:15pm to 3:15 pm | Brief out all program document by Miss. Lavanya B |
| | 3:15pm to 3:30pm | Discussion on Programme offered in UG with the members |
| | 3:30pm to 3:45pm | Finalisation of the programme |
| | 3:45pm to 4:15pm | Formal Vote of thanks by Dr. Santhosh B M, Dean, GMU |

# GM UNIVERSITY

## FACULTY BASIC AND APPLIED SCIENCE (FBAS)

## SCHOOL OF MATHEMATICAL & PHYSICAL SCIENCE (SMPS)

## B.Sc., Statistics (Degree/Honor's)

**BOARD OF STUDIES MEMBERS**

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Dean of FBAS | Chairperson | 9972049262 | dean.fbas@gmu.ac.in<br>santhosh@gmit.ac.in |
| 2 | Mr. Rakesh Vishwarup | Director of SMPS | Internal Member | 8095692484 | directorfcit.smps@gmu.ac.in |
| 3 | Dr. Gani Shrishail Ramappa | Professor | External Member | 9448329576 | gani.sr.kcd@gmail.com |
| 4 | Dr. Shanmukha B | HOD, Assistant Professor | Internal Member | 8884530536 | shanmukhab@gmit.ac.in |
| 5 | Mrs. Chetana Amboji | Assistant Professor | Internal Member | 9986989143 | cmjdvg@gmail.com |
| 6 | Miss. Lavanya B | Assistant Professor | Internal Member | 8088702570 | lavanyab@gmit.ac.in |
| 7 | Miss Priya P | Assistant Professor | Internal Member | 8884116332 | ppriya453@gmail.com |

# GM UNIVERSITY, DAVANGERE

## Faculty of Basic & Applied Science

## School: School of Mathematical & Physical Science

### Department: Statistics

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **22/12/2023** | **Time** | **02.00pm** |
| **School Title** | **School of Mathematical & Physical Science** | | |
| **Program Title** | **B.Sc., Statistics (Degree/Honor's)** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B M**<br>Dean Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Mr. Rakesh Vishwarup**<br>Director, SMPS<br>GM University<br>Davangere – 577006<br>Email: rakeshvishwarup@gmit.ac.in | **Member** | |
| **Dr. Gani Shrishail Ramappa**<br>Professor<br>Department of Statistics<br>Karnataka University<br>Dharwad | **External Member** | 22/12/2023 |
| **Dr. Shanmukha B**<br>HOD, Assistant Professor<br>Department of Mathematics<br>GM University<br>Davangere – 577006<br>Email: shanmukhab@gmit.ac.in | **Member** | |
| **Mrs. Chetana Amboji**<br>Assistant Professor<br>Dept. of Mathematics<br>GM University<br>Davangere-577006.<br>Email: cmjdvg@gmail.com | **Member** | |
| **Miss. Lavanya B**<br>Assistant Professor<br>Department of Mathematics<br>GM University<br>Davangere – 577006<br>Email: lavanyab@gmit.ac.in | **Member** | Lavanya. B |
| **Miss Priya P**<br>Assistant Professor<br>Department of Mathematics<br>GM University, Davanagere - 577006 | **Member** | |

# GM UNIVERSITY

**School of Mathematical & Physical Science (SMPS)**
**B.Sc., Statistics (Degree/ Honor's)**

Syllabus Framing Meeting

Date: 22/12/2023

***Suggestions & Remarks:***

(1) Laboratory courses should be first manually done on hand. and then for the same problem students have to write R code and execute it and write the brief report on their findings.
(2) As a part of technical skills students have to be introduced course like R-programming Graphics with R-programming, python programming, Machine learning Tools with R/python programming.
(3) As the multivariate technique are very much needed in the Data science, Big-Data Analytics, Machine learning and Data analytics, it is essential that we need to introduce courses like, Multivariate Analysis, survival Analysis and Stochastic processes.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1) | Dr. Gani Shrishail Ramappa. | 22/12/2023 |
| 2) | Dr. Santhosh. B.M. | |
| 3) | Mr. Rakesh Vishwarup. | |
| 4) | Dr. Shanmuka B. | |
| 5) | Mrs. Chethana Amboji | |
| 6) | Ms. Priya. P | P |
| 7) | Mrs. Chaitra. T. J | Chaitra |
| 8) | Ms. Lavanya. B. | Lavanya.B 22/12/2023. |
| 9) | Ms. Kavya. R. | 22/12/23 |

| Agenda | Scheme (I Sem to VIII Sem) for B.Sc., in Statistics (Degree/Honor's) |
|---|---|
| Proceedings | BOS meeting of UG B.Sc. Major - Statistics held on 22/12/2023 under the chairmanship of Dr. Santhosh B.M. Dean, FBAS, GM University, in conference hall. The committee resolved adopt the syllabus/ curriculum frame works prepared in the meeting with incorporating various suggestions given by the members. |
| Action Plan | In the VII th semester, Multivariate Analysis and stochastic process course can be introduced along with research methodology and project - phase - I.<br>And in the VIII th semester, reliability and survival analysis paper along with project - phase - II & internship & paper presentation can be introduced. |
| Proposed Next Meeting Date | |

Dr. Santhosh B M
Dean, FBAS, GM University

GM UNIVERSITY

# GM University, Davanagere

## Minutes of BOS Meeting

**Date:** 22/12/2023 **Time:**

**School Title** : School of Mathmatical & Physical Science

**Program Title** : B.S.C Statistics

**Members Present** : Dr. Santosh B.M, Dr Gani Shaishail Ramappa, Dr Shanmukha B Mrs Chetana Amboji, Dr Rakesh Vishwaram

**Members Apologies** :

**Proceedings** :
- Inclusion of R-programming
- Inclusion of 2 more papers in 7th & 8th Semester.

**Action Plan** : The Suggestions given by the external member were incorporated and necessary changes were made in Program documents

**Proposed Next Meeting Date** :

**Signature of Members** :

Dr Santosh B.M

Dr Gani Shaishail Ramappa

Dr. Shanmukha B

Dr. Rakesh Vishwaram

Mrs Chetana Amboji

# GM UNIVERSITY

## FACULTY OF MATHEMATICS

## SCHOOL OF APPLIED SCIENCES

## M.Sc., MATHEMATICS

### BOARD OF STUDIES MEMBERS

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Dean of FBAS | Chairperson | 9972049262 | dean.fbas@gmu.ac.in<br>santhosh@gmit.ac.in |
| 2 | Dr. Rakesh Vishwarup | Director of SAS | Internal Member | 8095692484 | directorfcit.sas@gmu.ac.in |
| 3 | Dr. B J Gireesha | Professor and Director of research and development | External Member | 9741148002 | bjgireesu@gmail.com |
| 4 | Mrs. Chetana Amboji | HOD, Assistant Professor | Internal Member | 9986989143 | cmjdvg@gmail.com |
| 5 | Dr. Onkarappa K S | HOD, Professor | Internal Member | 9844166727 | onkarappaks@gmit.ac.in |
| 6 | Dr. Shanmukha B | Assistant professor | Internal Member | 8884530536 | shanmukhab@gmit.ac.in |
| 7 | Ms. Lavanya B | Assistant professor | Internal Member | 8088702570 | lavanyab@gmit.ac.in |
| 8 | Mrs. Chaitra T J | Assistant professor | Internal Member | 8747976385 | chaitras536@gmail.com |

GM UNIVERSITY

# GM University, Davanagere

## Minutes of BOS Meeting

**Date:** : 26/12/2023. **Time:** 10:30 AM.

**School Title** : School of Mathematical & physical Science.

**Program Title** : M.Sc Mathematics.

**Members Present** Dr. Santhosh B.M, Dr. Rakesh Vishwanup, Dr. B.J.Gireesha, Mrs. Chetana Amboji, Dr. Onkarappa.K.S, Dr. Shanmukha.B, Ms. Lavanya.B, Mrs. Chaitra T.J.

**Members Apologies** :

**Proceedings** : i) Suggested to change 60-40 Scheme for Msc & make it for 75-25 Scheme (75-Theory & 25-CIE)
ii) Suggested to take Numerical Methods as 2 parts i.e., Numerical Methods-I & Numerical Methods-II for 4+4 Credits.

**Action Plan** :

- The suggestions from External BOS member accepted & changes made as required for program documents

**Proposed Next Meeting Date** : April/May 2024.

**Signature of Members**

1) Dr. B M. Santhosh
2) Dr. Rakesh Vishwanup
3) Dr. B.J. Gireesha.
4) Mrs. Chetana Amboji
5) Dr. Onkarappa. K.S.
6) Dr. Shanmukha.B.
7) Ms. Lavanya.B.
8) Mrs. Chaitra.T.J.

Lavanya.B 26/12.

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science

### Department: Mathematics

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **26/12/2023** | **Time** | **10.30AM** |
| **School Title** | **School of Applied Science (SAS)** | | |
| **Program Title** | **M.Sc., Mathematics** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B.M.**<br>Dean, Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Dr. Rakesh Vishwarup**<br>Director School of Applied Science<br>GM University<br>Davangere – 577006<br>Email: directorfcit.sas@gmu.ac.in | **Member** | 26/12/23 |
| **Dr. B J Gireesha**<br>Professor and Director of research and development.<br>Department of Mathematics<br>Kuvempu University<br>Shankaraghatta-577451<br>Email: bjgireesu@gmail.com | **External Member** | 26/12/23 |
| **Mrs. Chetana Amboji**<br>HOD, Assistant Professor<br>Department of Mathematics<br>GM University<br>Davangere – 577006<br>Email:cmjdvg@gmail.com | **Member** | Amboji<br>26/12/23 |
| **Dr. Onkarappa K S**<br>HOD,Professor<br>Department of Mathematics<br>GM Institute of Technology<br>Davanagere – 577006<br>Email: onkarappaks@gmit.ac.in | **Member** | K.S. Onkarappa |

| | | |
|---|---|---|
| **Dr. Shanmukha B**<br>Assistant professor<br>Department of Mathematics<br>G M University<br>Davanagere<br>Email: shanmukhab@gmit.ac.in | **Member** | 26/12/23 |
| **Ms. Lavanya B**<br>Assistant Professor<br>Department of Mathematics<br>GM University<br>Davanagere-577006<br>Email: lavanyab@gmit.ac.in | **Member** | Lavanya. B<br>26/12/2023 |
| **Mrs.Chaitra T J**<br>Assistant Professor<br>Department of Mathematics<br>GM University<br>Davanagere-577006<br>Email: chaitras536@gmail.com | **Member** | Chaitra |

| Agenda | Scheme (I Sem to IV Sem) for M.Sc., Mathematics |
|---|---|
| **Proceedings and Suggestion from External BOS Member** | 1. The BOS meeting was conducted on 26/12/2023 at 10.30am in AV Room, GM Central library for discussing the program structure and course content of B.Sc., Mathematics (Degree/Honor's) program.<br>2. Dr. B J Gireesha Professor has invited and attended as an external BOS member. Dr. Santhosh B M, Dean, FBAS, Dr. Rakesh Vishwarup Director, SCBS, Mrs. Chetana Amboji HOD, Dr. Onkarappa K S Professor, Dr. Shanmukha B Asst professor, Ms. Lavanya B, Mrs.Chaitra T J attended the meeting as an internal BOS members. The introduction was done by Prof. Chaitra T J<br>3. The agenda of the program was discussed with BOS members and the suggestions were taken and submitted to academic council meeting.<br>4. M.Sc., Mathematics program document, suggestion report by the BOS members along with their signature was updated in the prescribed format<br>5. The BOS members unanimously suggested the following.<br>**a. Suggested to change the 60-40 Scheme for Masters Degree and make it for 75-25 Scheme.**<br>**b. Suggested to change the specialization subject, make it Differential geometry instead of PDE.**<br>**c. Suggested to take numerical methods as two parts, i.e numerical methods-I and numerical methods-II. For 4+4 credids.**<br>**d. Fluid mechanics for 4 Credits ( one semester )**<br>**e. Suggested to introduce applied mathematical concepts ex: fuzzy sets, OR, adv PDE, adv Complex analysis.**<br>**f. Suggested to reduce credits for Projects, dissertation and presentation.**<br>g. **Internship is one of the good concept in MSc program and make it for only one semester.** |
| **Action Plan** | Resolution: The suggestions from External BOS members were accepted and Modified in the program documents. |
| **Proposed Next Meeting Date** | April / May 2024 |

**Dr. Santhosh B.M.**
**Dean Faculty of Basic and Applied Science**

# GM UNIVERSITY

**School of Applied Science (SAS)**
**M.Sc., Mathematics**

Syllabus Framing Meeting

Date:

***Suggestions & Remarks:***

1) Change the 60-40 Scheme and make it to 75-25 to reach the students.
2) Internship only for one Sem
3) Take Differentiability geometry has specialisation instead of P.D.E.
4) Make numerical methods for two Sem with 4+4 credits and fluid Mechanics for 4 credits
5) Introduce M.H.D.
6) Reduce credits for projects and presentation.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1 | Prof. B.J. Gireesha | |
| 2 | Dr. Santhosh B M | |
| 3 | Dr. Rakesh Vishwakarma | |
| 4 | Prof. Chetana Anboji | |
| 5 | Dr. Shanmukha B. | |
| 6 | Dr. K.S. Outcarette | |
| 7 | Lavanya. B. | Lavanya. B 25/12/2023 |
| 8 | Chaitra T.J. | Chaitra |

# GM UNIVERSITY




## Davangere - 577006
## Karnataka

### BOS- MEETING FILE

# Program/course Structure and syllabus

**As per the Choice Based Credit System (CBCS)**
**Designed in accordance with**
**Learning Outcomes- Based curriculum Framework (LOCF) of**
**National Education Policy (NEP) 2020**
**For**
**Faculty of Basic and Applied Sciences**
**School of Chemical and Biological Sciences.**
**Course –**

**A. Scheme of Teaching and Evaluation**

**B. Curriculum of Courses**

GM UNIVERSITY

# GM University, Davangere

## Faculty of Basic and Applied Science

## School of Mathematical and Physical Science

## Department of Physics

### Board of Studies Meeting

**Date: 26-12-2023** **Time: 10.30 am**
**Venue: Conference hall in the 2nd Floor of Central Library**

### Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 26-12-2023 | 10.30am to 10.40am | Welcome and Introduction by Dr. Rakesh V. |
| | 10.40am to 11.40am | Brief out of all program document by Miss. Eva Meghana (Both UG and PG) |
| | 11.40am to 12.00pm | Discussion on programme offered in UG and PG with the members. |
| | 12.00pm to 12.15pm | Finalisation of programme and course of both UG and PG. |
| | 12.15pm to 12.30pm | Formal Vote of Thanks by The Dean. |

GM UNIVERSITY

# GM University, Davanagere

## Minutes of BOS Meeting

| | | | |
|---|---|---|---|
| **Date** | : | **26-12-23** | **Time:** 10:30 am |
| **School Title** | : | **School of Basic Science** | |
| **Program Title** | : | **M.Sc. Physics** | |
| **Members Present** | : | 08 | |
| **Members Apologies** | : | - | |
| **Proceedings** | : | BOS members have suggested to incorporate ~~subjects~~ which have not included (Statistical Mechanics & Nuclear Physics). Also suggested to rearrange some theory papers in second and third semesters. Reomended to offer minimum 2 theory papers in 4th semester. | |
| **Action Plan** | : | The Suggestions given by external member were incorporated & necessary changes were made in program documents. | |

**Proposed Next Meeting Date:** April 2024

**Signature of Members:**

Dr. Santhosh B M

Prof. M. N. Kalasad

Dr. G H Pujar

Dr. Vismitha S. Patil 26/12/23

DR. SWAROOP. K 26/12/23

Prof. Eva Meghana 26/12/23

Prof. Veeresh Sharma B M 26/12/23.

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science

GM UNIVERSITY

**Department: Physics**

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **26/12/2023** | **Time** | 10:30 am |
| **School Title** | **School of Physical Sciences** | | |
| **Program Title** | **M.Sc., Physics** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B. M.**<br>Dean, Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | 26/12/23 |
| **Dr. Rakesh Vishwarup**<br>Director School of Applied Science<br>GM University<br>Davangere – 577006<br>Email: rakeshvishwarup@gmit.ac.in | **Member** | 26/12/23 |
| **Prof. M. N. Kalasad**<br>Professor<br>Department of Studies in Physics<br>Davangere University<br>Davangere - 577002<br>mnkalasad@gmail.com | **External Member** | |
| **Dr. Vismitha S. Patil**<br>HOD, Assistant Professor<br>Department of Physics<br>GM University<br>Davangere – 577006<br>Email: vismithaspatil94@gmail.com | **Member** | |
| **Dr. G. H. Pujar**<br>Associate Professor<br>Department of Physics<br>GM University<br>Davangere – 577006<br>Email: gonibasappapujar@gmit.ac.in | **Member** | 26/12/23 |
| **Dr. Swaroop K.**<br>Assistant Professor<br>Department of Physics | **Member** | 26/12/23 |

| | | |
|---|---|---|
| **Eva Meghana**<br>Assistant professor<br>Department of Physics<br>GM University<br>Davanagere – 577006<br>Email: evameghana.2060@gmail.com | **Member** |  |
| **VEERESH SHARMA B M**<br>Assistant professor<br>Department of Physics<br>GM University<br>Davanagere – 577006<br>Email: bmvsharma@gmail.com | **Member** |  |

| | |
|---|---|
| **Agenda** | **Scheme (I Sem to IV Sem) for M.Sc., Physics** |
| **Suggestions from the BOS members** | All the BOS members were present in the meeting. Introduction of the external BOS member was done by Dr. Rakesh V. The suggestions given by the external members are<br>**i) Introduce Statistical Mechanics in the first semester.**<br>**ii) To offer Research methodology in third semester instead of second semester.**<br>**iii) Quantum Field theory in second semester have to replace by Quantum Mechanics-II**<br>**iv) Replacement of research methodology in the second semester by Nuclear Physics.**<br>**v) Suggested to offer at least two theory papers in the fourth semester.**<br>**vi) Nanoscience and Nanotechnology theory paper have to be kept in fourth semester.**<br>**vi) Characterization technique theory have to be there in fourth semester.**<br>**vii) Credit ratio of internal assessment and external exam is suggested to be changed from 60:40 to 30:70 or 40:60.** 50:50<br>After the discussion of signature of the BOS members is taken for minutes of meeting. |
| **Action Plan** | Suggestions given by the external member were incorporated and necessary changes are made in program documents. |
| **Proposed Next Meeting Date** | April 2024 |

Dr. Santhosh B M
Dean Faculty of Basic and applied Sciences

# GM UNIVERSITY, DAVANGERE

## FACULTY OF BASIC AND APPLIED SCIENCE

## SCHOOL OF CHEMICAL AND BIOLOGICAL SCIENCE

### BOARD OF STUDIES

**Under Graduate Programs**

1. B.Sc., (Chemistry + Computer Science)
2. B.Sc., (Chemistry + Botany)
3. B.Sc., (Chemistry +Zoology)
4. B.Sc., (Physics + Chemistry)

**Post Graduate Programs**

M.Sc., Chemistry

Date: 23rd to 26th Dec

Venue: Conference Hall

GM University, Davanagere-06

Karnataka

# BOS- MEETING FILE

## Program/course Structure and syllabus

As per the Choice Based Credit System (CBCS) Designed in accordance with Learning Outcomes- Based curriculum framework (LOCF) ofNational Education Policy (NEP) 2020.

For

**Faculty of Basic and Applied Science**

**School of Chemical and Biological Science**

## Course – B.Sc., Chemistry.

**A. Scheme of Teaching and Evaluation**

**B. Program structure and Curriculum of Courses**

# GM University, Davanagere

**Faculty of Basic and Applied Sceince**

**School of Chemical and Biological Science**

## Department of Chemistry

### Board of Studies Meeting

**Date: 23-12-2023** **Time:10.30 am**

**Venue: Conference hall in the 2nd Floor of Central Library**

## Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 23-12-2023 | **10.30am to 10.40am** | Welcome and Introduction by Prof. Vinay P J |
| | **10.40am to 11.40am** | Brief out of all program document by Mrs. Savitha P H (Both UG and PG) |
| | **11.40am to 12.00pm** | Discussion on programme offered in UG and PG with the members |
| | **12.00pm to 12.15pm** | Finalisation of programme and course both UG and PG |
| | **12.15pm to 12.30pm** | Formal Vote of Thanks by Dean/Director. |

# GM UNIVERSITY

## FACULTY BASIC AND APPLIED SCIENCE (FBAS)

## SCHOOL OF CHEMICAL AND BIOLOGICAL SCIENCES (SCBS)

## B.Sc., CHEMISTRY (Degree/ Honor's)

**BOARD OF STUDIES MEMBERS**

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Dean of FBAS | Director | 9972049262 | santhosh@gmit.ac.in |
| 2 | Mrs. Savitha P.H. | Director SCBS | Member | 9740627935 | directorfcit.scbs@gmu.ac.in |
| 3 | Dr. Nagaswarupa H P | Professor | External Member | 9945406900 | nswarupa@davangereuniversity.ac.in |
| 4 | Mr. Vinay P J | Assistant Professor | Internal Member | 7892216397 | vnpala13@gmail.com |
| 5 | Mrs. Shamala H M | Assistant Professor | Internal Member | 9731692930 | shamalahalaswamynm@gmail.com |

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science
## School: School of Chemical and Biological Science
### Department: Chemistry

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **23/12/2023** | **Time** | **10.30am** |
| **School Title** | **School of Chemical and Biological Science** | | |
| **Program Title** | **B.Sc., Chemistry (Degree/Honor's)** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B M**<br>Dean Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Mrs. Savitha P H**<br>Director School of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: directorfcit.scbs@gmu.ac.in | **Member** | |
| **Dr. Nagaswarupa H P**<br>Professor in Chemistry<br>Department of Studies in Chemistry<br>Shivagangothri<br>Davangere University<br>Davangere-577006<br>Email: nswarupa@davangereuniversity.ac.in | **External Member** | |
| **Mr. Vinay P J**<br>Assistant Professor<br>Dept. of Chemistry<br>GM University<br>Davangere-577006<br>Email: vnpala13@gmail.com | **Member** | |
| **Mrs. Shamala H M**<br>Assistant Professor<br>Dept. of Chemistry<br>GM University<br>Davangere-577006.<br>Email: shamalahalaswamynm@gmail.com | **Member** | |

| Agenda | Programme document ( I Sem to VIII Sem) for B.Sc., Chemistry (degree/Honor's) |
|---|---|
| **Proceedings** | 1. The BOS meeting was conducted on 23/12/2023 at 10.30am in conference hall, GM central library for discussing the programme structure and course content of B.Sc., Chemistry (Degree/Honor's) programme.<br>2. Prof. Nagaswarupa H P has invited and attended has an external BOS member. Dr. Santhosh B M, Dean, FBAS, Mrs. Savitha P H, Director, SCBS, Prof. Vinay P J, Prof. Shamala H M, Dr. Shivarudrappa H P, Dr. Veerabhadhrayyaswamy B N, Dr. Kiran attended the meeting as an internal BOS members. The introduction was done by Prof. Vinay P J.<br>3. The agenda of the programme was discussed with BOS members and the suggestions were taken and submitted to academic council meeting.<br>4. M.Sc., Chemistry programme document, suggestion report by the BOS members along with their signature was updated in the prescribed format.<br>5. The BOS members unanimously suggested the following.<br>**a. Suggested to introduce the 2-3 theory papers in 7th and 8th semester of the program.**<br>**b. Introduction of NPTEL Course in 8th Semester and to give 2 credits for the programme.**<br>**c. Suggested to refine the program structure of 7th and 8th semester. Project with dissertation is in one semester and the internship with paper presentation is in another semester.**<br>**d. In the beginning of the 7th semester, the project guide has to allocate to the students.** |
| **Action Plan** | Resolution 1: Suggestion Accepted & Modified as per suggestions.<br>Resolution 2: Suggestion Accepted & incorporated in 8th Semester.<br>Resolution 3:- Suggestion accepted & modified in document.<br>Resolution 4:- Suggestion accepted & incorporated. |
| **Proposed Next Meeting Date** | **During the month of April 2024.** |

**Dr.Santosh BM**

**Dean,FBAS,GM University**

# GM UNIVERSITY

**School of Chemical & Biological Science (SCBS)**
**B.Sc., Chemistry (Degree/ Honor's)**

Syllabus Framing Meeting

Date: 23/12/2023.

***Suggestions & Remarks:***

* Program outline was discussed and suggested to add 2 to 3 subject oriented theory papers in 7th & 8th Semester of the program. The Draft copy of the syllabus will be discussed and Finalised.
* Advice to introduce the NPTEL course in VIII Sem of B.Sc., Program & offer 02 credit point for the program
* Advice to select a suitable staff member as a NPTEL course co-ordinator for smooth conduction of the course.
* Advice to refine the program structure of VII & VIII Sem as follows. (a) Project with dessertation is in one Semester (b) Internship with paper presentation is in another Semester.
* Suggested to assign a project guide to the students during the begining of the 7th Sem. itself.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 01. | Dr. Nagaswarupa. H.P (External members) | 23/12/23 |
| 02. | Dr. Santhosh. B.M | |
| 03. | Mrs. Savitha. P.H. | |
| 04. | Dr. Shivarudrappa. H.P. | Dr. 22/12/23 |
| 05. | Dr. Veerabhadraswamy. B.N. | |
| 06. | Dr. Kiran. | |
| 07. | Mr. Vinay. P.J | |
| 08. | Mrs. Shamala. H.M. | |

GM UNIVERSITY

GM UNIVERSITY

E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

**Ref.No.PRINT/GMU/FBAS/2023 -24 : 03** **Date: 21/12/2023**

To
**Dr. H.P. Nagaswarupa**
Professor and Chairmen,
Department studies in Chemistry,
Davanagere University,
Davanagere

Dear Sir,

**Subject:** Request for Board of Studies Meeting

We are writing to request for Board of Studies meeting to discuss academic matters pertaining to **GM University, Davangere.** These matters are of significant importance and your suggestions and advice will lead us in the right direction. A meeting will allow us to assess the current situation, exchange ideas, and make informed decisions that will positively impact our GM University.

**Agenda:**

1. Scheme of Chemistry in M.Sc. and B.Sc. Program,

**Venue:** Conference hall in the 2nd Floor of Central Library, GM University Campus.

**Date and Time:** 23/12/2023 at 10.30 am.

We look forward to a productive and insightful meeting that will contribute to the continued success of GM University, Davangere.

Thank you for your cooperation.

Sincerely,

Dr. Santhosh B M
Dean, Faculty of Basic and Applied Science,
GM University, Davangere-577006.

GM UNIVERSITY

GM UNIVERSITY

E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

**Ref.No.PRINT/GMU/FBAS/2023-24: 13** **Date: 23/12/2023**

## ATTENDANCE CERTIFICATE

This is to certify that **Dr. H. P. Nagaswarupa,** Professor and Chairman, Department of Studies in Chemistry, Davanagere University, Davanagere has attended Board of Studies Meeting conducted by Faculty of Basic and Applied (FBAS), GM University, Davanagere on 23.12.2023 and he has contributed in framing UG syllabus. Hereby, we acknowledge and appreciate your dedication. We expect your association with our institution in the future.

GM UNIVERSITY

**Registrar Academics**
**GM University, Davanagere**

# GM UNIVERSITY




## Davangere - 577006
## Karnataka

## BOS- MEETING FILE

# Program/course Structure and syllabus

**As per the Choice Based Credit System (CBCS)**
**Designed in accordance with**
**Learning Outcomes- Based curriculum Framework (LOCF) of**
**National Education Policy (NEP) 2020**
**For**
**Faculty of Basic and Applied Sciences**
**School of Chemical and Biological Sciences.**
**Course – Botany.**

**A. Scheme of Teaching and Evaluation**

**B. Curriculum of Courses**

# GM University, Davanagere

## Faculty of Basic and Applied Science

## School of Chemical and Biological Science

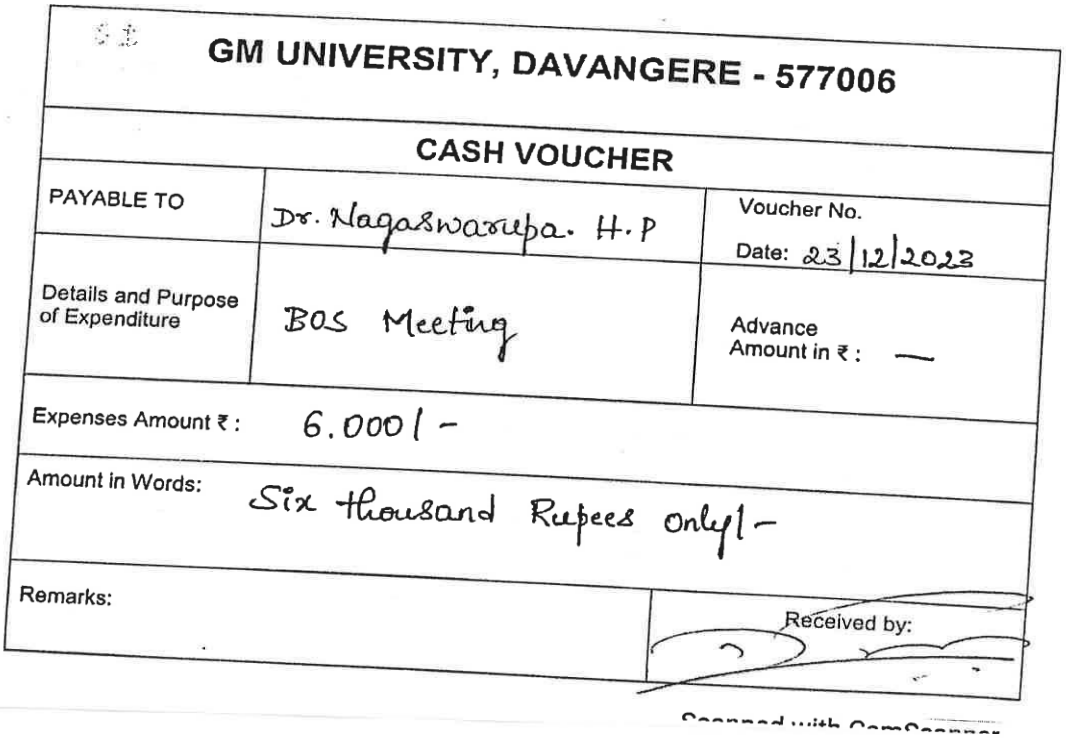
## Department of Botany

### Board of Studies Meeting

**Date: 22-12-2023**
**Venue: Conference hall in the 2nd Floor of Central Library** **Time: 2.00 pm**

### Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 23-12-2023 | 10.30am to 10.40am | Welcome and Introduction by Prof. Vennila. S |
| | 10.40am to 11.40am | Brief out of all program document and Course Documents by Dr. Aruna Charantimath(Both I sem and II semester for UG in Botany ) |
| | 11.40am to 12.00pm | Discussion on programme offered in UG with the members |
| | 12.00pm to 12.15pm | Finalisation of programme and course for UG |
| | 12.15pm to 12.30pm | Formal Vote of Thanks by Mr. Adarsh B.S |



**GM UNIVERSITY, DAVANGERE - 577006**

**CASH VOUCHER**

| | | |
|---|---|---|
| PAYABLE TO | Dr. Nagaswarupa. H.P | Voucher No.<br>Date: 23/12/2023 |
| Details and Purpose of Expenditure | BOS Meeting | Advance Amount in ₹ : — |
| Expenses Amount ₹ : | 6.000/- | |
| Amount in Words: | Six thousand Rupees only/- | |
| Remarks: | | Received by: |

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# GM UNIVERSITY

## FACULTY OF BASIC AND APPLIED SCIENCES
## SCHOOL OF CHEMICAL AND BIOLOGICAL SCIENCES
## COURSE – BOTANY.
## BOARD OF STUDIES MEMBERS

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Assistant Professor. Dept. of Chemistry. GMIT. Davangere | Dean Faculty of Basic and Applied Sciences | 9972049262 | Dean.fbas@gmu.ac.in |
| 2 | Mrs Savitha.P.H. | HOD,Assistant Professor. Dept. of Chemistry. GMSAFGC. Davangere | Director School of Chemical and Biological Sciences | 9740627935 | Directorfcit.scbs@gmu.ac.in |
| 2 | Dr. Seema J.Patel. | Associate Professor.Dept.of studies in Biotechnology. Davangere university Davangere | External Member | 9448223566 | ssjp176@gmail.com |
| 3 | Dr. Aruna Charantimath | HOD, Assistant Professor, Dept. of Botany. GMSAFGC, Davangere | Internal Member | 9844576667 | arunapm12@gmail.com |
| 4 | Dr. Harish E.R | HOD, Assistant Professor, Dept. of Zoology. GMSAFGC, Davangere | Internal Member | 8088446909 | harierkud@gmail.com |
| 5 | Dr. Pavan K. J | HOD, Assistant Professor. Dept. of Microbiology. Davangere | Internal members | 9481064088 | drpavank@gmail.ac.in |

| | | | | | |
|---|---|---|---|---|---|
| 6 | Prof. Vennila | Assistant Professor, Dep. of Botany. GMSAFGC, Davangere | Internal Member | 7259471837 | vennilasindhu@gmail.com |

**Dean,**
**Faculty of Basic and Applied Sciences.**

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science

### Department: Botany

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **22/12/2023** | **Time** | **2.00PM** |
| **School Title** | **School of Chemical and Biological Science (SCBS)** | | |
| **Program Title** | **B.Sc., Botany (Degree/Honor's)** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B.M.**<br>Dean, Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Mrs. Savitha P. H.**<br>Director School of Chemical and Biological Science<br>GM University<br>Davangere – 577006<br>Email: directorfcit.scbs@gmu.ac.in | **Member** | |
| **Dr. Seema J. Patel**<br>Associate Professor<br>Department of Biotechnology<br>Davangerer University<br>Davanagere - 577007<br>Ssjp176@gmail.com | **External Member** | 22/12/23 |
| **Dr. Aruna Charanthimat**<br>HOD, Assistant Professor<br>Department of Botany<br>GM University<br>Davanagere – 577006<br>Email: arunapm12@gmail.com | **Member** | 22/12/23 |
| **Dr. Pavan K.J.**<br>HOD, Assistant Professor<br>Department of Microbiology<br>GM University<br>Davangere – 577006<br>Email: drpavankj@gmit.ac.in | **Member** | 22/12/23 |

| | | |
|---|---|---|
| **Mrs. Vennila S**<br>Assistant Professor,<br>Department of Botany,<br>GM University<br>Davanagere – 577006<br>vennilasindu@gmail.com | **Member** | |

| | |
|---|---|
| **Agenda** | **Scheme (I Sem to VIII Sem) for B.Sc., Botany (Degree/ Honor's)** |
| **Proceedings** | 1. The BOS meeting was conducted on 22/12/2023 at 2.00PM in conference hall-2, GM central Library for discussing the program structure and course content of B.Sc Botany Program.<br>2. Dr. Seema J. Patel has invited as an external BOS member, Dr. Santhosh B.M., Dr. E. R. Harish, Dr. Aruna C., Dr. Pavan K.J. and Mrs. Vennila S, and as an internal members attended the BOS meeting.<br>3. The agenda of the program is to discuss the program curricular and Course Documents that was prepared based in accordance with choice based credit system (CBCS), learning outcomes based curriculum framework (LOCF) of National Educational Policy (NEP) 2020.<br>The BOS members unanimously suggested the following<br>• Suggested to Include introductory Branches of Botany Chapter in I semester<br>• Suggested to assign the assignments related research oriented topics<br>• Suggested to implement the field visit for OE.<br>• Suggested to assign credits for conference proceedings.<br>• Suggested to credit specification should be specified for Skill development Courses.<br>• Suggested to restrict 10 Practical's for each semester<br>• Include 60-70% NET syllabus Topics in all the semester.<br>• Research based topics should be assigned for assignments |
| **Action Plan** | Resolution 1:- Suggestion accepted and modified in I Semester course.<br>Resolution 2:- Suggestion accepted from BOS & already incorporated in Program document<br>Resolution 3: All Suggestion accepted & modified as per the program. |
| **Proposed Next Meeting Date** | During the month of April 2024. |

**Dr. Santhosh B.M.**
**Dean Faculty of Basic and Applied Science**

# GM UNIVERSITY

# 431, P.B.Road, Davangere-577006. Karnataka

**FACULTY OF BASIC AND APPLIED SCIENCES**

**SCHOOL OF CHEMICAL AND BIOLOGICAL SCIENCES**

**Course-Botany**

**BOS-Syllabus Framing Meeting**

Date: 22/12/23

**Suggestions & Remarks:**

1] Suggested to include some introductory basic topics of Botany for I-semester in the first topic

2] Course content i.e Draft copy of syllabus were discussed & finalised with rearrangement of topics for I & II semester.

3] Some topics from NET syllabus should be included in every Semester, preferably cover nearly 60-70% of all basics.

4] Suggested to assign, assignments in the form of case-study & it should be Research Oriented topics.

5] For every sem Restrict the practicals minimum 10 in no's in total.

6] In skill development out of 10 credits, specify the credits in detail for particular criteria distribution.

7] Include the field-visit as mandatory for O.E to all the sem

8] Assign the credits for attending, presenting oral/Paper/poster presentation in national & International conferences. & Implement for the entire course

| Sl No | Name of the Member | Signature with date |
|---|---|---|
| 1. | Dr. Seema J. Patel | 22/12/23 |
| 2. | Dr. Santhosh B M | |

# GM UNIVERSITY

# 431, P.B.Road, Davangere-577006. Karnataka

**FACULTY OF BASIC AND APPLIED SCIENCES**

**SCHOOL OF CHEMICAL AND BIOLOGICAL SCIENCES**

**Course-Botany**

**BOS-Syllabus Framing Meeting**

Date: 22/12/23

**Suggestions & Remarks:**

1] Manage to implement application based study for related topics mentioned in syllabus

2] Suggested to allot more credits for Skill development & Entrepreneurships.

3] Suggested to interchange some practical contents & its orderwise placement

4] Include Financial-management courses/subjects for all students, & can be included in OE.

5] Suggested to interchange some practical contents & its orderwise placement.

| Sl No | Name of the Member | Signature with date |
|---|---|---|
| 1. | Dr. Pavan. K.J | 22/12/23 |
| 2. | Dr. Santhosh B M | |

GM UNIVERSITY

GM UNIVERSITY
E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

**Ref.No.PRINT/GMU/FBAS/2023 - 24 : 04** **Date: 21/12/2023**

To

**Dr. Seema J Patel**
Associate Professor and Chairmen,
Department of Biotechnology,
Davanagere University,
Davanagere

Dear Sir,

**Subject**: Request for Board of Studies Meeting

We are writing to request for Board of Studies meeting to discuss academic matters pertaining to **GM University, Davangere**. These matters are of significant importance and your suggestions and advice will lead us in the right direction. A meeting will allow us to assess the current situation, exchange ideas, and make informed decisions that will positively impact our GM University.

**Agenda**:

1. Scheme of B.Sc. Basic and Applied Science Program,

**Venue**: Conference hall in the 2nd Floor of Central Library, GM University Campus.

**Date and Time**: 22/12/2023 at 2.00 pm.

We look forward to a productive and insightful meeting that will contribute to the continued success of GM University, Davangere.

Thank you for your cooperation.

Sincerely,

Dr. Santhosh B M
Dean, Faculty of Basic and Applied Science,
GM University, Davangere-577006.

GM UNIVERSITY

GM UNIVERSITY
E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

**Ref.No.PRINT/GMU/FBAS/2023-24:09**

**Date: 22/12/2023**

## ATTENDANCE CERTIFICATE

This is to certify that **Dr. Seema J. Patel,** Associate Professor, Department of Biotechnology, Davanagere University, Davanagere has attended Board of Studies Meeting conducted by Faculty of Basic and Applied (FBAS), GM University, Davanagere on **22.12.2023** and she has contributed in framing UG syllabus. Hereby, we acknowledge and appreciate your dedication. We expect your association with our institution in the future.

**Registrar Academics**
**GM University, Davanagere**

# GM UNIVERSITY




## Davangere - 577006
## Karnataka

## BOS- MEETING FILE

# Program/course Structure and syllabus

**As per the Choice Based Credit System (CBCS), Designed in accordance with Learning Outcomes-Based Curriculum Framework (LOCF) of National Education Policy (NEP)-2020 For Faculty of Basic and Applied Sciences (FBAS)**

**School of Chemical and Biological Sciences (SCBS)**

**B.Sc., Zoology (Degree/Honor's)**

**A. Scheme of Teaching and Evaluation**
**B. Curriculum of Courses**

# GM University, Davanagere

## Faculty of Basic and Applied Science

## School of Chemical and Biological Science

## Department of Zoology

### Board of Studies Meeting

**Date: 22-12-2023** **Time: 2.00 pm**

**Venue: Conference hall-1, 2nd Floor, GM Central Library, GM University.**

### Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 22-12-2023 | **2.00PM to 2.15PM** | Welcoming the BOS members by Mrs. Chaitra H.T. |
| | **2.15PM to 2.30PM** | Introduction of External Guest by Dr. Gurumurthy H. |
| | **2.30PM-3.30 PM** | B.Sc., Zoology Program Curricula Presentation by Dr. E.R. Harish |
| | **3.30PM-4.00PM** | Discussion on programme structure, nomenclature of the papers offered in B.Sc., Zoology Program with the BOS members |
| | **4.00PM – 4.30PM** | Finalisation of programme curricular and course structure of B.Sc., Zoology |
| | **4.30PM to 5.00PM** | Formal Vote of Thanks by Mrs. Rekha C.N. |

## GM UNIVERSITY, DAVANGERE - 577006

### CASH VOUCHER

| | | |
|---|---|---|
| PAYABLE TO | Dr. Seema . J. Patel | Voucher No.<br>Date: 22/12/2023 |
| Details and Purpose of Expenditure | BOS Meeting | Advance Amount in ₹ : — |
| Expenses Amount ₹ : | 6,000/- | |
| Amount in Words: | Six thousand Rupees only/- | |
| Remarks: | | Received by: |

# GM UNIVERSITY

## FACULTY BASIC AND APPLIED SCIENCE (FBAS)

## SCHOOL OF CHEMICAL AND BIOLOGICAL SCIENCES (SCBS)

## B.Sc., ZOOLOGY (Degree/Honor's)

**BOARD OF STUDIES MEMBERS**

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Dean of FBAS | Director | 9972049262 | santhosh@gmit.ac.in |
| 2 | Mrs. Savitha P.H. | Director SCBS | Member | 9740627935 | directorfcit.scbs@gmu.ac.in |
| 3 | Dr. M. David | Professor | External Member | 9845709815 | davidkcd@gmail.com |
| 4 | Dr. E R Harish | HOD, Department of Zoology | Internal Member | 8088446909 | harierkud@gmail.com |
| 5 | Mrs. Rekha C.N. | Assistant Professor | Internal Member | 9740627935 | rekhacndvg@gmail.com |
| 6 | Mrs. Chaitra HT | Assistant Professor | Internal Member | 8618513257 | 333htchaitra@gmail.com |

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science

### Department: Zoology

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **22/12/2023** | **Time** | **2.00PM** |
| **School Title** | **School of Chemical and Biological Science (SAS)** | | |
| **Program Title** | **B.Sc., Zoology (Degree/Honor's)** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B.M.**<br>Dean, Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Mrs. Savitha P. H.**<br>Director School of Chemical and Biological Science<br>GM University<br>Davangere – 577006<br>Email: directorfcit.scbs@gmu.ac.in | **Member** | |
| **Dr. M. David**<br>Professor<br>Department of Zoology<br>Karnatak University<br>Davanagere – 577006<br>davidkcd@gmail.com | **External Member** | |
| **Dr. E. R. Harish**<br>HOD, Assistant Professor<br>Department of Zoology<br>GM University<br>Davangere – 577006<br>Email: directorfcit.sas@gmu.ac.in | **Internal Member** | |
| **Mrs. Rekha C.N.**<br>Assistant Professor<br>Department of Zoology<br>GM University<br>Davanagere<br>Email: rekhacndvg@gmail.com | **Internal Member** | |

| | | |
|---|---|---|
| **Mrs. Chaitra H.T.**<br>Assistant Professor<br>Department of Zoology<br>GM University<br>Davanagere<br>Email:333htchaitra@gmail.com | **Internal Member** |  |

| **Agenda** | **Scheme (I Sem to VIII Sem) for B.Sc., Zoology (Degree/ Honor's)** |
|---|---|
| **Proceedings** | 4. The BOS meeting was conducted on 22/12/2023 at 2.00PM in conference hall-1, GM central Library for discussing the program structure and course content of B.Sc Zoology Program.<br>5. Prof. M. David has invited as an external BOS member, Dr. Santhosh B.M., Dr. E. R. Harish, Mrs. Rekha C.N and Chaitra H.T. as an internal members attended the BOS meeting.<br>6. The agenda of the program is to discuss the program curricular that was prepared based in accordance with choice based credit system (CBCS), learning outcomes based curriculum framework (LOCF) of National Educational Policy (NEP) 2020.<br>7. The BOS members unanimously suggested the following suggestions:-<br>• **Addition of Parasitology and Entomology program is needed.**<br>• **Reframe the Cell Biology and Immunology paper title as a Molecular Cell Biology and Immunology.**<br>• **Reframe the Evolutionary Genetics and Neuroscience as an Evolutionary Biology and Neuroscience.**<br>• **Reframe the Conservation Biology and ecotourism as Wild life biology and Ecotourism.**<br>• **Skill oriented program should give priority particularly in zoology program as an add-on course.**<br>• **Students should motivate to opt independent project of his/her interest topic.**<br>• **Incorporate remedial approach for slow learner.** |
| **Action Plan** | The suggestions from the External was accepted & modified as the need of the program. |
| **Proposed Next Meeting Date** | During the month of April-2024 |

**Dr. Santhosh B.M.**
**Dean Faculty of Basic and Applied Science**

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., ZOOLOGY**

Syllabus Framing Meeting

Date: 22.12.2023

***Suggestions & Remarks:***

- Skill oriented programmes should give priority.
- Sericulture, Vermiculture, Lac culture. Honey bee culture programes will start along with the programme.
- Students are motivated to get independent projects of his/her interest.
- Periodic / defined training programmes will Conducted.
- Remedial approach for slow learners.
- 'Entrepreneurship' given priority and justified.

Over all I am very much satisfied this the approaches and frame work adapted. I feel it's an excellent attempt. and Nicely Covered all aspects in par with NEP.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1) | Prof. M. David. | 22/12/2023 |
| 2) | Dr. Santhosh T M | |
| | | |
| | | |
| | | |
| | | |

# GM UNIVERSITY

**School of Chemical and Biological Science (SAS)**
**B.Sc., Zoology (Degree/Honor's)**

Syllabus Framing Meeting

Date: 22/12/2023

***Suggestions & Remarks:***

→ Addition of the Hands on technique Workshop for the Students
→ Implimentation of the Syllabi relative to the NET/SLET
→ Addition of of the Parasitology papers to the Course Program
→ Addition of the Remidial / Mentor - Mentee for the Slow learners for the Quality Course Measure.
→ Implement Applied and Integrated Course for the minor paper.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 01 | Chairman. H.T | Chair 22/12/2023 |
| 02 | Dr. Santhosh T S M | |
| | | |
| | | |
| | | |

GM UNIVERSITY

GM UNIVERSITY

E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

**Ref.No.PRINT/GMU/FBAS/2023-24: 01** **Date: 21/12/2023**

To
**Dr. M David**
Professor,
Department studies in Zoology,
Karnataka University,
Dharwad

Dear Sir,

**Subject:** Request for Board of Studies Meeting

We are writing to request for Board of Studies meeting to discuss academic matters pertaining to GM University, Davangere. These matters are of significant importance and your suggestions and advice will lead us in the right direction. A meeting will allow us to assess the current situation, exchange ideas, and make informed decisions that will positively impact our GM University.

**Agenda:**

1. Scheme of B.Sc. UG Program.

**Venue:** Conference hall in the 2nd Floor of Central Library, GM University Campus.

**Date and Time:** 23/12/2023 at 2.00 pm.

We look forward to a productive and insightful meeting that will contribute to the continued success of GM University, Davangere.

Thank you for your cooperation.

Sincerely,

Dr. Santhosh B M
Dean, Faculty of Basic and Applied Science,
GM University, Davangere-577006.

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GM UNIVERSITY

GM UNIVERSITY

E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

Ref.No.PRINT/GMU/FBAS/2023-24 : 08

Date: 22/12/2023

## ATTENDANCE CERTIFICATE

This is to certify that **Dr. M. David,** Professor, Department of Zoology, Karnatak University, Dharwad has attended Board of Studies Meeting conducted by Faculty of Basic and Applied (FBAS), GM University, Davanagere on **22.12.2023** and he has contributed in framing UG syllabus. Hereby, we acknowledge and appreciate your dedication. We expect your association with our institution in the future.

GM UNIVERSITY

**Registrar Academics**
**GM University, Davanagere**

## GM UNIVERSITY, DAVANGERE - 577006

### CASH VOUCHER

| | | |
|---|---|---|
| PAYABLE TO | Dr. M. David | Voucher No.<br>Date: 22/12/2023 |
| Details and Purpose of Expenditure | BOS Meeting | Advance Amount in ₹ : — |
| Expenses Amount ₹ : | 6,000/- | |
| Amount in Words: | Six thousand Rupees only/- | |
| Remarks: | | Received by: |

GM University, Davanagere-06

Karnataka

# BOS- MEETING FILE

## Program/course Structure and syllabus

As per the Choice Based Credit System (CBCS) Designed in accordance with Learning Outcomes- Based curriculum framework (LOCF) ofNational Education Policy (NEP) 2020.

For

Faculty of Basic and Applied Science

School of Chemical and Biological Science

## Course – M.Sc., Chemistry.

**A. Scheme of Teaching and Evaluation**

**B. Program structure and Curriculum of Courses**

# GM University, Davanagere

**Faculty of Basic and Applied Sceince**

**School of Chemical and Biological Science**

## Department of Chemistry

### Board of Studies Meeting

**Date: 23-12-2023** **Time: 10.30 am**

**Venue: Conference hall in the 2nd Floor of Central Library**

## Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 23-12-2023 | 10.30am to 10.40am | Welcome and Introduction by Prof. Vinay P J |
| | 10.40am to 11.40am | Brief out of all program document by Mrs. Savitha P H (Both UG and PG) |
| | 11.40am to 12.00pm | Discussion on programme offered in UG and PG with the members |
| | 12.00pm to 12.15pm | Finalisation of programme and course both UG and PG |
| | 12.15pm to 12.30pm | Formal Vote of Thanks by Dean/Director. |

# GM UNIVERSITY

## FACULTY BASIC AND APPLIED SCIENCE (FBAS)

## SCHOOL OF CHEMICAL AND BIOLOGICAL SCIENCES (SCBS)

## M.Sc., CHEMISTRY

**BOARD OF STUDIES MEMBERS**

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Dean of FBAS | Director | 9972049262 | santhosh@gmit.ac.in |
| 2 | Mrs. Savitha P.H. | Director SCBS | Member | 9740627935 | directorfcit.scbs@gmu.ac.in |
| 3 | Dr. Nagaswarupa H P | Professor | External Member | 9945406900 | nswarupa@davangereuniversity.ac.in |
| 4 | Dr. Shivarudrappa H P | Assistant Professor | Internal Member | 8884500413 | shivarudrappahp@gmit.ac.in |
| 5 | Mr. Vinay P J | Assistant Professor | Internal Member | 7892216397 | vnpala13@gmail.com |
| 6 | Mrs. Shamala H M | Assistant Professor | Internal Member | 9731692930 | shamalahalaswamynm@gmail.com |

# GM UNIVERSITY, DAVANGERE

**Faculty of Basic and Applied Science**

**School: School of Chemical and Biological Science**

**Department: Chemistry**

## BOS MINUTES OF MEETING

| | | | |
|---|---|---|---|
| **Date** | **23/12/2023** | **Time** | **10.30am** |
| **School Title** | **School of Chemical and Biological Science** | | |
| **Program Title** | **M.Sc., Chemistry** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B M**<br>Dean Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Mrs. Savitha P H**<br>Director School of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: directorfcit.scbs@gmu.ac.in | **Member** | |
| **Dr. Nagaswarupa H P**<br>Professor in Chemistry<br>Department of Studies in Chemistry<br>Shivagangothri<br>Davangere University<br>Davangere-577006<br>Email: nswarupa@davangereuniversity.ac.in | **External Member** | |
| **Dr. Shivarudrappa H P**<br>Assistant Professor<br>Dept. of Chemistry<br>GM University<br>Davangere-577006.<br>Email: shivarudrappahp@gmit.ac.in | **Member** | |
| **Mr. Vinay P J**<br>Assistant Professor<br>Dept. of Chemistry<br>GM University<br>Davangere-577006<br>Email: vnpala13@gmail.com | **Member** | |
| **Mrs. Shamala H M**<br>Assistant Professor<br>Dept. of Chemistry<br>GM University<br>Davangere-577006.<br>Email: shamalahalaswamynm@gmail.com | **Member** | |

| Agenda | Programme document ( I Sem to IV Sem) for M.Sc., in Chemistry |
|---|---|
| **Proceedings** | 1. The BOS meeting was conducted on 23/12/2023 at 10.30am in conference hall, GM central library for discussing the programme structure and course content of M.Sc., Chemistry programme.<br>2. Prof. Nagaswarupa H P has invited and attended has an external BOS member. Dr. Santhosh B M, Dean, FBAS, Mrs. Savitha P H, Director, SCBS, Prof. Vinay P J, Prof. Shamala H M, Dr. Shivarudrappa H P, Dr. Veerabhadhrayyaswamy B N, Dr. Kiran attended the meeting as an internal BOS members. The introduction was done by Prof. Vinay P J.<br>3. The agenda of the programme was discussed with BOS members and the suggestions were taken and submitted to academic council meeting.<br>4. M.Sc., Chemistry programme document, suggestion report by the BOS members along with their signature was updated in the prescribed format.<br>5. The BOS members unanimously suggested the following.<br>**a. Refining of Skeletal Structure for All Four Semesters**<br>**b. Introduction of NPTEL Course in 4th Semester and to give 2 credits for the programme.**<br>**c. Incorporation of 60-70% of NET Syllabus.**<br>**d. Introduction of Electives in 2nd Semester.**<br>**e. Introduce the 3 theory papers in 4th semester and to give more weightage on spectroscopic aspects.** |
| **Action Plan** | Resolution 1:- The suggestions from the external BOS member was accepted and modified in program document.<br>Resolution 2:- As per the suggestion, NET Syllabus is incorporated in the program & added the electives in 2nd semester. |
| **Proposed Next Meeting Date** | **During the month of April 2024.** |

**Dr.Santosh BM**
**Dean, FBAS, GM University**

# GM UNIVERSITY

**School of Chemical & Biological Science (SCBS)**
**B.Sc., Chemistry (Degree/ Honor's)**
M.Sc., Chemistry
Syllabus Framing Meeting

Date: 23/12/2023

***Suggestions & Remarks:***

* The Program outline was discussed & suggested to reframe the Nomenclature of the subject as per the committee suggestion. Introduce the 60-70% of NET Syllabus in all four semester of the program. & adviced to introduce the elective & specialized program/courses in the curriculum.
* BOS committee suggested to introduce the NPTEL course in 4th Semester & offer 2 credit points for that. Advice to choice the NPTEL course coordinator for monitoring the students.
* Advice to inculcate Project + Dessertation in one semester & Internship + Paper presentation in another semester.
* Advice to add 3 theory papers in 4th Sem & give more weightage on spectroscopic aspects.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 01. | Dr. Nagaswarupa. H.P [External member] | 23/12/23 |
| 02. | Dr. Santhosh. B.M. | |
| 03. | Mrs. Savitha. P.H. | Savitha |
| 04. | Mr. Vinay. P.J | Vinay |
| 05. | Mrs. Shamala. H.M. | Shamala HM |
| 06. | Dr. Veerabhadraswamy. B.N. | B.N. |
| 07. | Dr. Shivarudrappa. H.P | Dr. Shiva H.P IIITMS 23/12/23 |
| 08. | Dr. Kiran. | |

GM UNIVERSITY

GM UNIVERSITY

E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

**Ref.No.PRINT/GMU/FBAS/2023 -24 : 03**

**Date: 21/12/2023**

To
**Dr. H.P. Nagaswarupa**
Professor and Chairmen,
Department studies in Chemistry,
Davanagere University,
Davanagere

Dear Sir,

**Subject:** Request for Board of Studies Meeting

We are writing to request for Board of Studies meeting to discuss academic matters pertaining to **GM University, Davangere**. These matters are of significant importance and your suggestions and advice will lead us in the right direction. A meeting will allow us to assess the current situation, exchange ideas, and make informed decisions that will positively impact our GM University.

**Agenda:**

1. Scheme of Chemistry in M.Sc. and B.Sc. Program,

**Venue:** Conference hall in the 2nd Floor of Central Library, GM University Campus.

**Date and Time:** 23/12/2023 at 10.30 am.

We look forward to a productive and insightful meeting that will contribute to the continued success of GM University, Davangere.

Thank you for your cooperation.

Sincerely,

Dr. Santhosh B M
Dean, Faculty of Basic and Applied Science,
GM University, Davangere-577006.

GM UNIVERSITY
E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

Ref.No.PRINT/GMU/FBAS/2023-24:13 Date: 23/12/2023

## ATTENDANCE CERTIFICATE

This is to certify that **Dr. H. P. Nagaswarupa,** Professor and Chairman, Department of Studies in Chemistry, Davanagere University, Davanagere has attended Board of Studies Meeting conducted by Faculty of Basic and Applied (FBAS), GM University, Davanagere on 23.12.2023 and he has contributed in framing UG syllabus. Hereby, we acknowledge and appreciate your dedication. We expect your association with our institution in the future.

GM UNIVERSITY

**Registrar Academics**
**GM University, Davanagere**

# GM UNIVERSITY




## Davanagere - 577006
## Karnataka

## BOS- MEETING FILE

# Program/course Structure and syllabus

**As per the Choice Based Credit System (CBCS), Designed in accordance with Learning Outcomes-Based Curriculum Framework (LOCF) of National Education Policy (NEP)-2020 For Faculty of Basic and Applied Sciences (FBAS)**

**School of Applied Sciences (SAS)**

**B.Sc., Biotechnology (Degree/Honor's)**

**A. Scheme of Teaching and Evaluation**
**B. Curriculum of Courses**

# GM UNIVERSITY

## FACULTY BASIC AND APPLIED SCIENCE (FBAS)

## SCHOOL OF APPLIED SCIENCES (SAS)

## B.Sc., Biotechnology (Degree/Honor's)

**BOARD OF STUDIES MEMBERS**

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Dean of FBAS | Chairperson | 9972049262 | dean.fbas@gmu.ac.in<br>santhosh@gmit.ac.in |
| 2 | Dr. E R Harish | Director of SAS | Internal Member | 8088446909 | directorfcit.sas@gmu.ac.in<br>harierkud@gmail.com |
| 3 | Dr. M. David | Professor | External Member | 9845709815 | davidkcd@gmail.com |
| 4 | Dr. Gurumurthy | HOD, Associate Professor | Internal Member | 9945706278 | gurumurthy@gmit.ac.in |
| 5 | Dr. Prakash K.K. | Associate Professor | Internal Member | 9902988223 | prakashkk@gmit.ac.in |

# GM University, Davanagere

Faculty of Basic and Applied Science

School of Applied Science

## Department of Biotechnology

### Board of Studies Meeting

**Date: 22-12-2023** **Time: 2.00 pm**

**Venue: Conference hall-1, 2nd Floor, GM Central Library, GM University.**

## Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 22-12-2023 | **2.00PM to 2.15PM** | Welcoming the BOS members by Mrs. Chaitra H.T. |
| | **2.15PM to 2.30PM** | Introduction of External Guest by Dr. Gurumurthy H. |
| | **2.30PM-3.30 PM** | B.Sc., Biotechnology Program Curricula Presentation by Dr. E.R. Harish |
| | **3.30PM-4.00PM** | Discussion on programme structure, nomenclature of the papers offered in B.Sc., Biotechnology Program with the BOS members |
| | **4.00PM – 4.30PM** | Finalisation of programme curricular and course structure of B.Sc., Biotechnology |
| | **4.30PM to 5.00PM** | Formal Vote of Thanks by Mrs. Rekha C.N. |

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science

### Department: Biotechnology

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **22/12/2023** | **Time** | **2.00PM** |
| **School Title** | **School of Applied Science (SAS)** | | |
| **Program Title** | **B.Sc., Biotechnology (Degree/Honor's)** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B.M.**<br>Dean, Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | 22/12/2023 |
| **Dr. E.R. Harish**<br>Director School of Applied Science<br>GM University<br>Davangere – 577006<br>Email: directorfcit.sas@gmu.ac.in | **Member** | ER<br>22/12/23 |
| **Dr. M. David**<br>Professor<br>Department of Zoology<br>Karnatak University<br>Davanagere – 577006<br>davidkcd@gmail.com | **External Member** | 22/12/23 |
| **Dr. Gurumurthy H**<br>Professor & Head<br>Department of Biotechnology<br>GM University<br>Davangere – 577006<br>Email: gurumurthyh@gmit.ac.in | **Member** | 22/12/23 |
| **Dr. Prakash K.K.**<br>HOD,Professor<br>Department of Biotechnology<br>Faculty of Engineering Technology<br>GM University<br>Davanagere<br>Email: prakashkk@gmit.ac.in | **Member** | 22/12/2023 |

| Agenda | **Scheme (I Sem to VIII Sem) for B.Sc., Biotechnology (Degree/ Honor's)** |
|---|---|
| **Proceedings** | 1. The BOS meeting was conducted on 22/12/2023 at 2.00PM in conference hall-1, GM central Library for discussing the program structure and course content of B.Sc., Biotechnology Program.<br>2. Prof. M. David has invited as an external BOS member, Dr. Santhosh B.M., Dr. E. R. Harish, Mrs. Dr. Gurumuthy H., Prakash K.K. and Chaitra H.T. as an internal members attended the BOS meeting.<br>3. The agenda of the program is to discuss the program curricular that was prepared based in accordance with choice based credit system (CBCS), learning outcomes based curriculum framework (LOCF) of National Educational Policy (NEP) 2020.<br><br>The BOS members unanimously suggested the following<br>• **Suggested to change the nomenclature of Computational Biology and Bioinformatics as a Computational Biology.**<br>• **Immunology subject is to be incorporated at higher semester.**<br>• **Suggested to incorporate Agribiotechnology.** |
| **Action Plan** | Resolution 1: In computational Biology focusing majorly on Drug discovery and Drug delivery. In Bioinformatics, focus on genome analysis. So we retaining as it is.<br>Resolution 2: suggestion are accepted will be provided as a minor course.<br>Resolution 3: Agribiotechnology will be included in Environmental Biotechnology course |
| **Proposed Next Meeting Date** | During the Month of April, 2024. |

**Dr. Santhosh B.M.**
**Dean Faculty of Basic and Applied Science**

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Biotechnology**

Syllabus Framing Meeting

Date: 22.12.2023

***Suggestions & Remarks:***

- Biotechnology is one of the Competent programme in the globe. Students will focus day to day needed in the field of Biotechnology.
- The programmes presented is high Standared. The topics covered definatly serve the purpose.
- The Students will focused in Advance research through innavative ideas.
- I am very much Satisfied the methods / frame work adopted in Curricular aspects.
- Remedial approaches will be introduced for slow learners.

I feel it is marvelus attempt and nicely framed the Curricular frame work and Covered all aspects as per the guidelines of NEP.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1) | Prof. M. David | 22/12/2023 |
| 2) | Dr. Santhosh B M | |
| 3 | Dr. E.R. Harish | ERH |
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# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Biotechnology**

Syllabus Framing Meeting

Date: 22/12/2023

***Suggestions & Remarks:***

→ Immunology Subject is to be incorporated at higher Semester.
→ Re organisation of Computational Biology in required.
→ Overall Structure of Syllabus is well oriented.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1 | Dr. Prakash. K.S | |
| 2 | Dr. Santhosh B M | |
| 3. | Dr. E.R. Harish | Harish E.R |
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# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Biotechnology**

Syllabus Framing Meeting

Date: 22/12/23

***Suggestions & Remarks:***

Suggested to Swap the Subject between 5th and 6th Semester
Suggest to Change the title of the Course — Computational biology/ Bioinformatics
Suggest incorporate Immunology Subject

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 01 | Dr. Gurumurthy. H | 22/12/23 |
| 02 | Dr. Santhosh IS M | |
| 03 | Dr. E.R. Harish | ER |
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# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Biotechnology**

Syllabus Framing Meeting

Date: 22/12/23

***Suggestions & Remarks:***

* Suggested for Adding Agribiotechnology.
* Introducing the concept Recombinant DNA Technology.
* Hands on Experimental methods for Student practical knowledge.
* Agricultural Needs oriented curriculum framing.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1. | Dr. Rekha C.N, Assistant professor. GMSAFGC, GMU, DVG | Rekha C.N 22/12/23 |
| 2) | Dr. Santhosh B M | |
| 3) | Dr E.R. Harish | |
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# GM UNIVERSITY




## Davanagere - 577006
## Karnataka

## BOS- MEETING FILE

# Program/course Structure and syllabus

**As per the Choice Based Credit System (CBCS), Designed in accordance with Learning Outcomes-Based Curriculum Framework (LOCF) of National Education Policy (NEP)-2020**
**For Faculty of Basic and Applied Sciences (FBAS)**

**School of Applied Sciences (SAS)**

**B.Sc., Microbiology (Degree/Honor's)**

**A. Scheme of Teaching and Evaluation**
**B. Curriculum of Courses**

# GM UNIVERSITY

## FACULTY BASIC AND APPLIED SCIENCES (FBAS)

## SCHOOL OF APPLIED SCIENCE (SAS)

## B.Sc., MICROBIOLOGY (Degree/Honor's)

### BOARD OF STUDIES MEMBERS

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Dean of FBAS | Director | 9972049262 | dean.fbas@gmu.ac.in<br>santhosh@gmit.ac.in |
| 2 | Dr. E R Harish | Director of SAS | Internal Member | 8088446909 | Directorfcit.sas@gmu.ac.in<br>harierkud@gmail.com |
| 3 | Dr. Seema J Patel | Associate Professor | External Member | 9448223566 | Ssjp176@gmail.com |
| 4 | Dr. Pavan K. J | HOD, Microbiology | Internal Member | 9481064088 | drpavankj@gmit.ac.in |
| 5 | Dr. Aruna C | Assistant Professor | Internal Member | 9844576667 | arunapm12@gmail.com |

# GM University, Davanagere

Faculty of Basic and Applied Science

School of Chemical and Biological Science

## Department of Microbiology

### Board of Studies Meeting

**Date: 22-12-2023** **Time: 2.00 pm**

**Venue: Conference hall-2, 2nd Floor, GM Central Library, GM University.**

## Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 22-12-2023 | 2.00PM to 2.15PM | Welcoming the BOS members by Mrs. Vennila S. |
| | 2.15PM to 2.30PM | Introduction of External Guest by Dr. Aruna Charanthimat. |
| | 2.30PM-3.30 PM | B.Sc., Microbiology Program Curricula Presentation by Dr. Pavan K.J. |
| | 3.30PM-4.00PM | Discussion on programme structure, nomenclature of the papers offered in B.Sc., Microbiology Program with the BOS members |
| | 4.00PM – 4.30PM | Finalisation of programme curricular and course structure of B.Sc., Microbiology |
| | 4.30PM to 5.00PM | Formal Vote of Thanks by Mr. Adarsh B.S. |

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science

### Department: Microbiology

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **22/12/2023** | **Time** | **2.00PM** |
| **School Title** | **School of Applied Science (SAS)** | | |
| **Program Title** | **B.Sc., Microbiology (Degree/Honor's)** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B.M.**<br>Dean, Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Dr. E.R. Harish**<br>Director School of Applied Science<br>GM University<br>Davangere – 577006<br>Email: directorfcit.sas@gmu.ac.in | **Member** | E R<br>22/12/2023 |
| **Dr. Seema J. Patel**<br>Associate Professor<br>Department of Biotechnology<br>Davangerer University<br>Davanagere - 577004<br>Ssjp176@gmail.com | **External Member** | 22/12/23 |
| **Dr. Pavan K.J.**<br>HOD, Assistant Professor<br>Department of Microbiology<br>GM University<br>Davangere – 577006<br>Email: drpavankj@gmit.ac.in | **Member** | 22/12/23 |
| **Dr. Aruna Charanthimat**<br>HOD, Assistant Professor<br>Department of Botany<br>GM University<br>Davanagere – 577006<br>Email: arunapm12@gmail.com | **Member** | 22/12/23 |

| Agenda | **Scheme (I Sem to VIII Sem) for B.Sc., Microbiology (Degree/ Honor's)** |
|---|---|
| **Proceedings** | 1. The BOS meeting was conducted on 22/12/2023 at 2.00PM in conference hall-2, GM central Library for discussing the program structure and course content of B.Sc Microbiology Program.<br>2. Dr. Seema J. Patel has invited as an external BOS member, Dr. Santhosh B.M., Dr. E. R. Harish, Dr. Aruna C., Dr. Pavan K.J. and Mrs. Vennila S, and as internal members attended the BOS meeting.<br>3. The agenda of the program is to discuss the program curricular that was prepared based in accordance with choice based credit system (CBCS), learning outcomes based curriculum framework (LOCF) of National Educational Policy (NEP) 2020.<br>The BOS members unanimously suggested the following<br>• **Teach genetics in 2nd semester instead of 6th semester.**<br>• **Teach bioinformatics in 6th semester instead of 3rd semester.** |
| **Action Plan** | Resolution 1: suggestion accepted and modified. as per suggestion.<br>Resolution 2: suggestion accepted and modified as per suggestion. |
| **Proposed Next Meeting Date** | April - 2024. |

**Dr. Santhosh B.M.**
**Dean Faculty of Basic and Applied Science**

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Microbiology**

Syllabus Framing Meeting

Date: 22/12/2023

***Suggestions & Remarks:***

* Keep Genetics in 2nd semester instead of 6th semester
* Keep Bioinformatics in 6th semester instead of 3rd semester
* program curricula is good. and highly appreciable.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1 ✓ | Dr. SEEMA J PATEL | 22/12/23 |
| 2. | Dr. Pavan K.J | 22/12/23 |
| 3. | Vennila. S | 22/12/23 |
| 4. | Dr. E.R. Harish | E R |
| | | |
| | | |

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Microbiology**

Syllabus Framing Meeting

Date: 22/12/2023

***Suggestions & Remarks:***

1. Incorporate Agricultural microbiology.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1 | Dr. SEEMA J PATEL | 22/12/23 |
| 2. ✓ | Dr. Pavan K.J | 22/12/23 |
| 3. | Vennila. S | 22/12/23 |
| 4. | Dr. C R. Harish | CR |
| | | |
| | | |

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Microbiology**

Syllabus Framing Meeting

Date: 22/12/2023

***Suggestions & Remarks:***

① Dessertation and Guide allotment should be done in 7th semester and distribute the credits accordingly.

② Research methodology should kept in 6th semester.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1 | Dr. SEEMA J PATEL | 22/12/23 |
| 2. | Dr. Pavan K.J | 22/12/23 |
| 3. | Dr E.R. Yavish | E R |
| | | |
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# GM UNIVERSITY




## Davanagere - 577006
## Karnataka

## BOS- MEETING FILE

# Program/course Structure and syllabus

**As per the Choice Based Credit System (CBCS), Designed in accordance with Learning Outcomes-Based Curriculum Framework (LOCF) of National Education Policy (NEP)-2020**
**For Faculty of Basic and Applied Sciences (FBAS)**

**School of Applied Sciences (SAS)**

**B.Sc., Food Science and Technology (Degree/Honor's)**

**A. Scheme of Teaching and Evaluation**
**B. Curriculum of Courses**

# GM UNIVERSITY

## FACULTY OF FOOD SCIENCE AND TECHNOLOGY

## SCHOOL OF APPLIED SCIENCES

## B.Sc., Food Science and Technology

### BOARD OF STUDIES MEMBERS

| Sl No. | Name of the BOS Member | Designation | BOS Designation | Phone No. | Email ID |
|---|---|---|---|---|---|
| 1 | Dr. Santhosh B.M | Dean of FBAS | Chairperson | 9972049262 | dean.fbas@gmu.ac.in<br>santhosh@gmit.ac.in |
| 2 | Dr. E R Harish | Director of SAS | Internal Member | 8088446909 | directorfcit.sas@gmu.ac.in<br>harierkud@gmail.com |
| 3 | Dr. Sharath R | Associate Professor | External Member | 9845884959 | sharathsarathi@gmail.com |
| 4 | Dr. Gurumurthy H. | HOD, Professor | Internal Member | 9945706278 | gurumurthyh@gmit.ac.in |
| 5 | Dr. Aruna C | Assistant Professor | Internal Member | 9844576667 | arunapm12@gmail.com |
| 6 | Mrs. Chaitra H T | Assistant Professor | Internal Member | 8618513257 | 333htchaitra@gmail.com |

# GM University, Davanagere

Faculty of Basic and Applied Science

School of Chemical and Biological Science

## Department of Food Science and Technology

### Board of Studies Meeting

**Date: 23-12-2023** **Time: 10.00AM**

**Venue: Conference hall-1, 2nd Floor, GM Central Library, GM University.**

### Schedule of BOS Meeting

| Day | Time | Topics |
|---|---|---|
| 23-12-2023 | 10.00AM to 10.15AM | Welcoming the BOS members by Dr. Aruna Charanthimat |
| | 10.15AM to 10.30AM | Introduction of External Guest by Dr. Gurumurthy H. |
| | 10.30AM-10.30AM | B.Sc., Food Science and Technology Program Curricula Presentation by Dr. E.R. Harish |
| | 10.30AM-11.00AM | Discussion on programme structure, nomenclature of the papers offered in B.Sc., Food Science and Technology Program with the BOS members |
| | 11.00AM – 11.30AM | Finalisation of programme curricular and course structure of B.Sc., Food Science and Technology Program |
| | 11.30AM to 12.00 Noon | Formal Vote of Thanks by Mrs. Chaitra H.T. |

# GM UNIVERSITY, DAVANGERE
## Faculty of Basic and Applied Science

### Department: Food Science and Technology

**BOS MINUTES OF MEETING**

| | | | |
|---|---|---|---|
| **Date** | **23/12/2023** | **Time** | **10.00AM** |
| **School Title** | **School of Applied Science (SAS)** | | |
| **Program Title** | **B.Sc., Food Science and Technology (Degree/Honor's)** | | |

| Name of the Person | Position | Signature |
|---|---|---|
| **Dr. Santhosh B.M.**<br>Dean, Faculty of Basic and Applied Science<br>GM University<br>Davangere – 577006<br>Email: dean.fbas@gmu.ac.in | **Chairperson** | |
| **Dr. E.R. Harish**<br>Director School of Applied Science<br>GM University<br>Davangere – 577006<br>Email: directorfcit.sas@gmu.ac.in | **Member** | E.R 23/12/23. |
| **Dr. Sharath R**<br>Associate Professor<br>Department of Food Science and Technology<br>Davangere University<br>Davanagere - 577004<br>sharathsarathi@gmail.com | **External Member** | 23/12/23 |
| **Dr. Gurumurthy H.**<br>HOD, Professor<br>Department of Biotechnology<br>GM University<br>Davangere – 577006<br>Email: gurumurthyh@gmit.ac.in | **Member** | 23/12/2023 |
| **Dr. Aruna Charanthimat**<br>HOD, Assistant Professor<br>Department of Botany<br>GM University<br>Davanagere – 577006<br>Email: arunapm12@gmail.com | **Member** | 23/12/23 |
| **Mrs. Chaitra H T,**<br>Assistant Professor,<br>Department of Zoology,<br>GM University, Davanagere – 577006<br>Email: 333chaitraht@gmail.com | **Member** | 23/12/23 |

| Agenda | **Scheme (I Sem to VIII Sem) for B.Sc., Food Science and Technology (Degree/ Honor's)** |
|---|---|
| **Proceedings** | 1. The BOS meeting was conducted on 23/12/2023 at 10.00AM in conference hall-1, GM central Library for discussing the program structure and course content of B.Sc., Food Science and Technology Program.<br>2. Dr. Sharath R has invited as an external BOS member, Dr. Santhosh B.M., Dr. E. R. Harish, Dr. Gurumurthy H., Dr. Aruna C and Chaitra H.T. as an internal members attended the BOS meeting.<br>3. The agenda of the program is to discuss the program curricular that was prepared based in accordance with choice based credit system (CBCS), learning outcomes based curriculum framework (LOCF) of National Educational Policy (NEP) 2020.<br><br>The BOS members unanimously suggested the following<br>• **Dissertation should be assigned in 7th semester and guide allotment and work allotment should be done in 7th semester.**<br>• **Research Methodology should include in 6th semester.**<br>• **Change the title "Cereals, Pulses and Oilseed Processing Technology as "Food Product Processing Technology-I & II.** ✓<br>• **Introduction of Food Engineering and Basic mathematics in any one of the Lower semester.**<br>• **Introduction of Fundamental Mathematics in lower semester.** |
| **Action Plan** | Resolution 1: suggestion accepted and modified.<br>Resolution 2: Accepted and changed.<br>Resolution 3: Accepted and changed.<br>Resolution 4: Accepted and incorporated in first semester |
| **Proposed Next Meeting Date** | During the month of April-2024 |

**Dr. Santhosh B.M.**
**Dean Faculty of Basic and Applied Science**

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Food Science and Technology**

Syllabus Framing Meeting

Date: 23/12/23

***Suggestions & Remarks:***

The design of the Programme is Excellent. The courses offered in Programme is well organized. Some of the courses are really Excellent. My Opinion in ~~the~~ Some of the courses need to be added either Hard core of Soft core. Like. Food Engineering, Unit operation in food processing, Bakery and confectionaries, Food Product development, Food hygene and Culinary Science and Food Safety and Quality management. The dissertation can be Shifted in 6th Semester by allowing Student - Guide in 6th Semester.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 1 | DR. SHARANT. R | |
| 2. | Dr. Santhosh B M | |
| 3. | Dr. E.R. Harish | |
| | | |
| | | |
| | | |

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Food Science and Technology**

Syllabus Framing Meeting

Date: 23/12/23

***Suggestions & Remarks:***

Suggest to incorporate the fundamental mathematics
Suggest to place Nutraceutical Subject
placing Food technology Subject
placing Food Safety, Guidelines & product development
Subject in Elective option is require
Suggest to incorporate Food test and Analysis in
Open elective
project work credits split to both 7th and 8th Semester
Seminars on projects shared credit

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 01 | Dr. Guruvuvathy. H | 23/12/23 |
| 02 | Dr. Santhosh B M | |
| | Dr. E R. Harish | E R |
| | | |
| | | |
| | | |

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Food Science and Technology**

Syllabus Framing Meeting

Date: 23/12/2023

***Suggestions & Remarks:***

1. Provide the students with tutorials.
2. In Sem 3rd split Food Analytical technology as Post harvest management technology.
3. Semester 4th. Can Include & Particularly specify marine food, which include meat poultry, management & Processing technology.
4. Can Include the courses like Food science & Food engineering.
5. Can Include topics like Fundamental of Computing
6. Can Include Basic fundamental maths, Biostatics topics. In 6th sem itself you can include Reseach methodology
7. Arrange some camps for students to spread awareness (like ~~cake preparation~~, Malnutrition) by sending them to villages

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| | | |
| 1 | Dr. Aruna Charandmath | 23/12/23 |
| | HOD, Dept. of Botany | |
| | GMSAFG college | |
| | Davangere | |
| 2 | Dr. E.R Harish | E R |

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Food Science and Technology**

Syllabus Framing Meeting

Date: 23/12/2023.

***Suggestions & Remarks:***

-> Implementation of the food analytical techniques and instrumentations
-> Addition of the Marine food technology.
-> Addition of the Paper relative to the food biotechnology and food microbiology
-> Some topic can be implemented more related to the technology aspects of food scine.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 01 | Chaitra. H. T, Assistant Professor, GMS academy first grade college, GM University Davangere. | 23/12/23 |
| 2 | Dr. Santhosh B M | |
| 3 | Dr. C L Harish | |

# GM UNIVERSITY

**School of Applied Science (SAS)**
**B.Sc., Food Science and Technology**

Syllabus Framing Meeting

Date: 23/12/23

***Suggestions & Remarks:***

* Introducing of Food Engineering and Basic Mathematics (or) Fundementals of mathematics.
* Human Physiology, topics should be incorporte.
* Processing of Food & Managament, Seafood techniques, Preservations techniques should be Adds.

| Sl No. | Name of the Member | Signature with date |
|---|---|---|
| 01 | Rekha C.N Assistant professor GIMSAFGRC, DVG | Rekha C.N 23/12/23 |
| 02 | Dr. Santhosh H N | |
| 03 | Dr E R Harish | Harish ER |

# 2nd Board of Management Meeting of GM University, Davangere

Date: 29th November 2024

Venue: Conference Room-1,

GM University, Davanagere

Time: 3:00 PM

**Members Present:**

| Sl. No. | Name | Affiliation | Council Designation |
|---|---|---|---|
| 1 | Sri. G M Lingaraju | Chancellor | Chairman |
| 2 | Sri. G M Prasanna Kumar | Chairman, SET | Member |
| 3 | Sri G S Anith Kumar | Treasurer - SET | Member |
| 4 | Dr. S R Shankapal | Vice Chancellor | Chairperson |
| 5 | Dr. H D Maheshappa | Pro Vice Chancellor | Member |
| 6 | Y. U. Subhashchandra | MR, GMU | Member |
| 7 | Dr. Sunil Kumar B S | Registrar | Member Secretary |
| 8 | Dr. Sanjay Pande M. B. | Director, GM School of Advanced Studies | Member |
| 9 | Prof. Shweta Marigoudar | Dean-FCIT | Member |
| 10 | Dr. Girish Bolakatti | Principal-GMIP&R | Member on Invitation |
| 11 | Mr. Shivamurthy K S | Chief Engineer –GMU | Member on Invitation |
| 12 | Mr. Ramaragowda S | Finance Manager | Member on Invitation |
| 13 | Mr. CA. Ashok Kumar | CFO, GMU | Member on Invitation |

**Apologies:**

| Sl. No. | Name | Affiliation | Designation |
|---|---|---|---|
| 1 | Mr. G. P. Mallikarjun | Trustee | Member |
| 2 | G. L. Rajeev | Trustee | Member |
| 3 | Dr. Karibasappa | Sr. Dean-FET/FBAS | Member |
| 4 | Dr. Kiran Kumar H. S | Director-Student Affairs | Member on Invitation |

The 2nd Board of Management meeting of GM University was held on 29th November 2024, at 3 PM.

**Agenda:**

1. Welcome to members of Board of Management
2. University Progress Presentation
3. Discussions
4. Physical Infrastructure and Resources
5. Vote of thanks

**Welcome:**

Dr. Sunil Kumar B S, the University Registrar, extended a warm welcome to the Board of Management.

**Introduction of members:**

Dr. Sunil Kumar B S, the University Registrar, requested all the members of the Board of Management to introduce themselves and requested Honourable Vice Chancellor to chair the meeting.

**University Presentation and Discussions:**

Dr. S. R. Shankapal, the Honourable Vice Chancellor of the University, delivered a comprehensive presentation highlighting the developments of the University during the last academic year. The details are given in the presentation attached as **Annexure I.**

Pro-Vice Chancellor presented the list of new Academic programs, Research programs, and skill programs that will be offered during the **academic year 2025-26** which are already have been approved by the Academic Council during its 2nd meeting. Approved Research programs were also presented to the BoM during the meeting.

During the meeting the University tution fee to be charged to the students for each program was also discussed and certain modifications were made and also decided to introduce GM Scholarship for meritorious and economically weaker students. The university tution fee for each program was based on fee fixation committee report.

The members were also informed about seed funding by the management for young researchers and this has been recorded in RIC meeting.

The meeting concluded with gratitude extended to the chair and adjourned.

The attendance of the members attended is attached in **Annexure II.**

Date: January 12, 2024

Signature of the Chair

Dr. S R Shankapal
Vice Chancellor

**Annexture:**

- **Annexure I.** - University Presentation Annexture -1 - BoM 2 - PPT.pptx
- **Annexture II** - Attendance of the Members Annexture - 2 BoM -2 Attendence.pdf

# 2nd Academic Council Meeting of GM University, Davanagere

Date: November 19, 2024

Venue: Conference Room-1,

GM University, Davanagere

Time: 10:30 AM

**Members Present:**

| Sl. No. | Name of the member | Affiliation | Council Designation |
|---|---|---|---|
| 14 | Dr. S. R. Shankapal | Vice Chancellor | Chairperson |
| 15 | Dr. H. D. Maheshappa | Pro Vice Chancellor | Member |
| 16 | Dr. Sunil Kumar B S | Registrar | Member Secretary |
| 17 | Dr. Karibasappa K | Dean-GMU | Member |
| 18 | Dr. Sanjay Pande M B | Director, GM School of Advanced Studies | Member |
| 19 | Prof. Shweta Marigoudar | Dean-GMU | Member |
| 20 | Dr. Santhosh B M | Dean, FBAS | Member |
| 21 | H.A. Balasubramanya | Director (Formerly), RMP | Member |
| 22 | Dr. Sreedhara K. S. | UBDT, Davanagere | Member |
| 23 | Dr. M Somashekarappa | NLSIU-Bangalore | Member |
| 24 | Mr. Virupakshi B N | Alumnus of GMIT | Member |
| 25 | Mr. Sunil T Shambhatnavar | ALS-Bangalore | Member |
| 26 | Mr. Girish Pattanshetty | An Independent Journalist | Member |

**Agenda:**

12. Welcome to members of AC
13. Introduction of members
14. Purpose of the meeting
15. Discussions regarding the minutes of the 1st Academic Council meeting
16. Presentation on Academic Programs
17. Deliberations and approvals

**Welcome:**

Dr. Sunil Kumar B S, the University Registrar, extended a warm welcome to the Academic Council members.

**Introduction of members:**

Dr. Sunil Kumar B S, the University Registrar, requested all the members of the Academic Council to introduce themselves and requested Honourable Vice Chancellor to chair the meeting.

**cil**

**Purpose of the meeting:**

Dr. S R Shankapal, the Honourable Vice Chancellor of the University, provided summary of the University's progress and recent developments.

- The Honourable Vice-Chancellor remarked about UG & PG programs. Additional programs are considered for faculty of commerce and management. Announced establishment of a new faculty of Legal studies and public policy. We establish the GM School of Advance Studies focussing on MTech programs in emerging fields; also introduced Dr. Sanjay Pande M B as the Director of the School.
- The Vice Chancellor emphasized the importance of focusing on learning outcomes, stressing that both faculty and students must clearly understand and actively work toward achieving the course outcomes. Highlighted the importance of innovation and student projects to ensure practical learning and knowledge application. He urged the need for innovation workshops and industrial training alongside life skills training to enhance employability and active participation from students (Skill development).

**Discussions regarding the minutes of the 1st Academic Council meeting:**

- Dr. H D Maheshappa, Pro Vice Chancellor, provided a comprehensive explanation on previous meeting remarks and action taken, In response to Mr. Girish Pattanshetty's suggestion on enhancing creative writing, he said, we have established a "Student Corner" on our website, where students actively contribute posters. Additionally, we conduct communicative English classes to further support this initiative.
- Addressing Dr. K S Sreedhara's recommendation on adding a Kannada slogan to the University branding and explore courses covering Indian Knowledge system, such as Vedic Mathematics and also encouraging the sports by considering the attendance in favour of the students, he said, the University has taken care the concerns in creating the sports infrastructure like synthetic tracks, basketball courts, volleyball courts and kho-kho fields. The introduction of Vedic Mathematics is currently under consideration, with plans to include it under the Faculty of Humanities and Social Sciences, which is set to be established soon.
- In response, Dr. K S Sreedhara's recommendation on adding a Kannada slogan, the Vice Chancellor stated that there is a plan to inaugurate the new University gate with a Kannada slogan, "ಹೊಸ ಚಿಗುರು, ಹಳೆ ಬೇರು" (New Shoots, Old Roots), to symbolize inclusivity and regional identity.
- In response to Mr. H A Balasubramanya's positive feedback on existing initiatives, he said, we have implemented a system of collecting 360-degree student feedback twice per semester, as well as, gathering feedback for all new initiatives.
- In response to Dr. Deepak, courses focused on tribal knowledge he said, we would include them under the faculty of Humanities and Social Sciences which we would eventually start in the upcoming years.
- In response to Mr. Virupakshi's suggestion to providing guidance to students regarding internships and job interview preparations he said, the Department of Career Advice and Student Placement has been set up and taking care of this.

- In response to Mr. Sunil T Shambhatnawar, about inclusion of credits for various skills and activities he said, the University has taken care to include SDTCD, CASP and under the Directorate of Student Affairs Sports, Yoga in the curriculum spread over all semesters.
- Vice Chancellor said that the University has signed 15 Memorandums of Understanding (MoU's) to enhance student engagement programs. These MoU's focus on providing students with

exposure to cutting-edge technologies through internships and training during 15 days of vacations and no job guaranteed.

- We have center for industry/government sponsored Research & development (CIGSRD) to the student engagement programs in our university said by Pro- Vice Chancellor.
- The Pro- Vice Chancellor continued presentation with philosophy of our curriculum programs, we have implemented a flexible curriculum design, featuring a standard 16-week course structure that can be adapted to 16-week or 20-week formats based on program requirements. The Vice chancellor stated that Curriculum philosophy rooted in problem-based learning to encourage critical thinking and problem-solving among students.
- We have Technological Advancements in Classrooms, like Classrooms are introduced with AI-Enabled Interactive panels and advanced teaching networks to enhance classroom engagement and interactivity. This technology aligns with the goal of modernizing teaching methods and enriching the learning experience.
- We have centre for Innovation and new Product Ideas and Activities are successfully conducted a week-long Innovation and Incubation Program in the academic year 2023-24, which was well-received by students and faculty.
- The Pro-Vice Chancellor presented the general curriculum structure, outlining the credit distribution for academic and related activities. The curriculum includes schools dedicated to technical competency, life skills, and more. A sample course structure was also demonstrated to illustrate the framework.
- The Pro-Vice Chancellor highlighted that assessment methods will be tailored to suit the course level and content. Assessment Strategies: Emphasized the significance of aligning assessments with course outcomes.
- The Vice Chancellor explained that this structure was implemented to empower faculty, providing them with the necessary tools and resources to deliver the updated curriculum effectively.
- Mr. Sunil T. Shambhatnavar raised a query on Course structure, as there was any information missing out being a teacher and may confuse. Pro-Vice Chancellor explained Course outcome achievement will be monitored through structured evaluations. The concern will be reviewed to ensure that the course structure is comprehensive and clear, minimizing any ambiguity for course instructor.
- Dr. Sanjay Pande M B addressing to Mr. Sunil's query replied that based on AWD the changes can be incorporated. There is standard AWD but based on subject can be changed.
- The credit distributions are mentioned in our website, our students, can access and can get to know about credits. Dr. Sunil Kumar B S said that there is an Accelerated Degree Programs as Dr. Jagadeesh Kumar, Chairman of University Grants Commission announced that students enrolled in 4-year programs can complete their degrees in 3 years by earning additional credits through an accelerated program. This was approved by the Registrar, and guidelines for earning credits will be communicated soon.
- Mr. Sunil T. Shambhatnavar raised concerns regarding faculty enrichment programs. The Pro-VC assured that structured initiatives, including the Faculty Academic Support and Enrichment Committee (FASEC), have conducted 29 workshops on weekends, and an Academic Leadership

- Program is in place to enhance faculty's technical, managerial, and interpersonal skills for shaping future education effectively.
- Dr. Sanjay Pande is the Dean for the GM School of Advanced Studies and he explained about the MTech programs offered and how the program runs along with duration, Credits, Industry driven & online method.

  Dr. Shreedhara raised a question that if a student failed in any modules what is the procedure.
- Vice Chancellor Addressed to Dr. Sreedhara's concern that, in this PG program module system 99% will not fail. By chance, if failed again, next year after the module he has to re-sit and write according to PG Academic regulations of Re-Sit and Registration.
- We have signed MoU with the Institute of Defence Science & Technology with Mr. Nageshwar Yogi and Bureau of Indian standards for the academic activities.

**Subsequently, the floor was opened for discussions, yielding the following points;**

- Importance of collecting feedback from internship employers, recommendation for certified courses from Central Government or centralized training centres are highlighted by Mr. Balasubramanya.
- Mr. Girish Pattanashetti emphasized the need for practical lab sessions for the LLB program. Mr. Girish Pattanashetti suggested appointing a faculty coordinator for the media hub.
- Dr. Somashekarappa questioned the feasibility of implementing paperless exams using digital technology. Dr. Sunil Kumar B.S. noted that Continuous Internal Evaluation (CIE) has already been digitized, but remains semester-bound.
- Adding to the discussion Dr. Shweta Marigoudar shared feedback from students, who expressed worries that transitioning to paperless exams might result in a decline in their writing skills, emphasizing the need to balance innovation with traditional skill development.
- Dr. Shreedhara advised to have a technical teacher training program so that we can have next generation faculty and can be a good teacher and please provide verified certificates so that it will work. Lateral entry students are struggling to understand mathematics, highlighting the need to strengthen faculty support in this area.
- Modify the program duration for specific courses, reducing it from 4 years to 3 or 3.5 years, to cater to high-performing, "creamy layer" students. Dr. Sunil Kumar emphasized; we offer Credit Flexibility offer credit flexibility by setting both minimum and maximum credit requirements & allowing capable students the flexibility to pursue an accelerated path by earning additional credits. This ensures that talented students can progress at a pace aligned with their abilities.
- Dr. Shreedhara advised to Involve External Members in Question Paper Setting, Vice Chancellor addressed stating that the focus is on outcome-based education, and that the goal is to achieve specific learning outcomes. As such, faculty should be responsible for

testing these outcomes. The Vice Chancellor further clarified that while faculty are responsible for designing assessments, external examiners could be brought in to evaluate the answers and ensure their accuracy.

- Dr. Shreedhara raised a query that nowhere MCom, BCom are lab oriented. Dr. Shweta Marigoudar replied stating, we have labs for both the programs and we have taken initiatives and we have provided laptops to the students.
- Mr. Sunil T. Shambhatnavar emphasized that placements should prioritize students' skills and competencies rather than focusing solely on the salary packages offered by companies.

**Presentation on Academic Programs and Approvals:**

After discussion, Pro Vice Chancellor presented the documents – Program document, course documents, and Board of Studies recommendations for the new programs to be offered from **academic year 2025-26**, for approval of the council, which were approved unanimously after deliberations.

The list of new programs, program document of each program and course documents of all the courses under each program are appended in **Annexure II.** (Available in soft copy form) and presentation is attached in **Annexure I**.

The meeting concluded with gratitude extended to the chair and adjourned.
The attendance of the members attended is attached **Annexure III.**

Date: November 19, 2024

Signature of the Chair

Dr. S R Shankapal
Vice Chancellor

**Annexture:**

- **Annexure I - University Presentation** Annexure -1 AC -2 PPT.pptx
- **Annexure II** - Approved Program document of each Program and course documents **2025-26.** G:\25 - Year Wise -Academic Program And Course Document Files
- **Annexure III** - Attendance of the members attended Annexture - 3 AC-2 -Attendence.pdf

# Annexure-6

## UG Program Details

### B.Tech. - Computer Science- Cloud Computing

Program Details

| | |
|---|---|
| **Faculty** | Engineering and Technology (FET) |
| **School** | School of Computer Science and Technology (SCST) |
| **Department** | Computer Science- Cloud Computing |
| **Program** | B.Tech., Computer Science- Cloud Computing |
| **Senior Dean of Faculty** | Dr. Karibasappa Kwadiki |
| **Dean of Faculty** | Dr. S V Prakash |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Head of Department** | Dr. Asha K |

| | | |
|---|---|---|
| 1. | **Title of the Award** | B.Tech. in Computer Science- Cloud Computing |
| 2. | **Modes of Study** | Full Time |
| 3. | **Awarding Institution /Body** | GM University |
| 4. | **Joint Award** | Not Applicable |
| 5. | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6. | **Date of Program Specifications** | November -2023 |
| 7. | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8. | **Next Review Date:** | --- |
| 9. | **Program Approving Regulating Body and Date of Approval** | --- |
| 10. | **Program Accredited Body and Date of Accreditation** | --- |
| 11. | **Grade Awarded by the Accreditation Body** | --- |
| 12. | **Program Accreditation Validity** | --- |
| 13. | **Program Benchmark** | N/A |

| | |
|---|---|
| 14. | **Program Overview for Computer Science-Cloud Computing**<br>The Bachelor's program in Computer Science and Cloud Computing (B.Tech. Computer Science and Cloud Computing) offers a comprehensive and innovative education for students aspiring to excel in the dynamic field of computer science, with a specific focus on cloud computing technologies. This program is meticulously designed to provide students with a strong foundation in both theoretical principles and practical applications of computer science, fostering a deep understanding of creative problem-solving, software design, and cutting-edge cloud computing technologies.<br><br>Over the course of four years, students engage in a well-structured curriculum that seamlessly integrates core engineering principles with specialized courses in computer science and cloud computing. The program adopts a hands-on approach, incorporating software projects, system design, and internships to enable students to apply theoretical knowledge to real-world challenges in computer science and cloud computing.<br><br>Key areas of study include programming principles, algorithms, data structures, artificial intelligence, machine learning, software development methodologies, computer networks, and advanced cloud computing techniques. Students gain proficiency in using state-of-the-art programming languages, development tools, and simulation software, preparing them for the challenges of the contemporary computer science and cloud computing industry.<br><br>The B.Tech. Computer Science and Cloud Computing program aim to equip graduates for diverse career opportunities across various sectors, with a particular emphasis on cloud-based technologies and solutions. Potential career paths encompass roles in technology companies, cloud service providers, research and development, and entrepreneurship within the computer science domain.<br><br>The interdisciplinary nature of computer science and cloud computing opens avenues to explore diverse applications, enabling graduates to contribute to advancements in technology, software solutions, and the development of scalable and efficient cloud-based systems. Continuous learning and staying abreast of the latest industry trends are crucial for graduates to thrive in the rapidly evolving field of computer science and cloud computing. The program spans eight semesters, providing a holistic education that prepares students for a successful and impactful career in the dynamic realm of computer science and cloud computing innovation. |
| 15. | **Program Educational Objectives (PEOs) for Computer Science-Cloud Computing**<br><br>**PEO-1: Knowledge and Technical Skills** |

| | |
|---|---|
| | The Bachelor's program in Computer Science and Cloud Computing aims to provide graduates with a solid foundation in computer science and engineering principles, covering algorithms, data structures, artificial intelligence, and machine learning. Upon completion, graduates will possess the knowledge and technical skillsnecessary to analyze, design, implement, and optimize software systems and intelligent solutions. They will be well-equipped to address real-world challenges, particularly in the context of cloud computing, ensuring efficient and scalable cloud-based applications and services.<br><br>**PEO-2: Professional Competence and Leadership**<br>To instill technical competencies, practical skills, and leadership abilities in graduates, preparing them for success in the dynamic and evolving field of computer science and cloud computing. Graduates will excel in roles within technology companies, cloud service providers, research and development, and entrepreneurial ventures within the computer science domain. They will be capable of assuming both technical and leadershippositions, contributing to advancements in cloud-based technologies and innovation.<br><br>**PEO-3: Holistic Development and Adaptability**<br>The program aims to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross-cultural interactionskills. Graduates will demonstrate the ability to adapt to evolving professional environments, ensuring they contribute effectively to the dynamic and challenging field of computer science and cloud computing. The interdisciplinary nature of the program prepares graduates for diverse career trajectories, fostering holistic development and lifelong learning.<br><br>The overarching goal of the B.Tech. in Computer Science and Cloud Computing is to produce graduates who are well-prepared to meet the challenges of the dynamic computer science and cloud computing industry, contribute to technological advancements, and make a positive impact on the development and implementation of cloud-based systems and services. |
| 16. | **Program Outcomes (POs) (Graduate Attributes)**<br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, andan engineering specialization to the solution of complex engineering problems.<br><br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.<br><br>**PO-3:** Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs |

| | |
|---|---|
| | with appropriate consideration for the publichealth and safety, and the cultural, societal, and environmental considerations.<br><br>**PO-5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.<br><br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.<br><br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.<br><br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.<br><br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.<br><br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br><br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering andmanagement principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.<br><br>**PO-12:** Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. |
| 17. | **Program Specific Outcomes (PSOs):**<br>**PSO-1: Analyze and Address Cloud Computing Challenges**<br>Graduates will demonstrate the ability to analyze complex computational requirements specific to cloud computing, identify challenges related to scalability, security, and efficiency, and articulate problems with necessary specifications. Leveraging their understanding of computer science principles within the cloud computing context, graduates will deliver innovative solutions, addressing issues related to the development and optimization of cloud-based applications and services |

| | |
|---|---|
| | **PSO-2: Apply Cloud Computing Concepts in System Development**<br>Graduates will be equipped to envision, model, design, implement, and test scalable and efficient software systems and computational solutions in the context of cloud computing. They will demonstrate proficiency in addressing technical challenges within the field of computer science and cloud computing, utilizing their knowledge of algorithms, data structures, and cloud computing architectures to create applications that leverage the benefits of cloud-based technologies.<br><br>**PSO-3: Conduct and Lead Experimental Validation in Cloud Computing**<br>After completing the program, graduates will showcase the capability to strategize, coordinate, and execute experiments for the validation and verification of cloud computing systems and solutions. They will adeptly use laboratory techniques and software tools for designing and simulating scalable computational processes in the cloud, emphasizing the importance of efficiency and reliability. Graduates will be prepared to assume leadership roles in research projects, effectively managing teams and resources in the context of computer science and cloud computing.<br><br>These Program Specific Outcomes are tailored to ensure that graduates are not only well-versed in the theoretical aspects of computer science and engineering but also possess the practical skills and leadership qualities required to make meaningful contributions in the specialized field of computer science and cloud computing. The outcomes emphasize the application of computer science principles in addressing real- world challenges and the development of innovative and scalable solutions in the realm of cloud computing. |

**Programme Structure**

18. **Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl.No. | Program -Category | Credits |
|---|---|---|
| 1. | Program-Core courses, elective Courses, open electives | 130 |
| 2. | Technical Competency | 10 (SDTCD) |
| 3. | Life Skills | 3(CASP) |
| 4. | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5. | Environmental Awareness and Community Services | 3(SA) |
| 6. | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7. | Cultural & Literary Activities | 3(SA) |
| 8. | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9. | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

18. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1101 | Foundational Mathematics for Computer Science | 3 |
| 2. | UE24CS1102 | Analog & Digital Fundamentals | 3 |
| 3. | UE24CS1103 | Advanced Materials Integration in Computing Technology | 3 |
| 4. | UE24CS1104 | Problem Solving through C Programming | 3 |
| 5. | UE24CS1105 | Web Designing & Programming | 3 |
| 6. | UE24CS1106 | Project Based Learning / mini project on Web Designing | 2 |
| 7. | SDTCD | Technical Competency | 0 |
| 8. | CASP | Life Skills | 0 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10. | SA | Environmental Awareness and Community Services | 0 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12. | SA | Cultural & Literary Activities | 0 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 0 |
| **Total** | | | **17** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1201 | Applied Mathematics for Computer Science | 3 |
| 2. | UE24CS1202 | Applied Physics for CSE | 3 |
| 3. | UE24CS1203 | Data Structures & Algorithms | 3 |
| 4. | UE24CS1204 | Python Programming | 3 |
| 5. | UE24CS1205 | Fundamentals of Computer Networks | 3 |
| 6. | UE24CS1206 | Fundamentals of DBMS | 3 |
| 7. | UE24CS1207 | Project Based Learning / mini project on Computer Networks | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15. | CASP | Placement Training | 00 |
| **Total** | | | **24** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2301 | Algorithm Design and Complexity Analysis | 4 |
| 2. | UE24CS2302 | Internet of Things | 3 |
| 3. | UE24CS2303 | Object Oriented Programming | 3 |
| 4. | UE24CS2304 | Computer Organization and Architecture | 3 |
| 5. | UE24CS2305 | Operating System Concepts | 3 |
| 6. | UE24CS2306 | Project Based Learning / mini project | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2401 | Machine Learning | 3 |
| 2. | UE24CS2402 | Data Mining & Data Warehousing | 3 |
| 3. | UE24CS2403 | Discrete Structures for Computing | 2 |
| 4. | UE24CS2404 | Advanced DBMS + NoSql | 3 |
| 5. | UE24CS2405 | Automata Theory and Compiler Design | 3 |
| 6. | UE24CS2406 | Project Based Learning / mini project on building a Machine Learning Model | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 01 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS3501 | **Advanced Machine Learning** | 3 |
| 2. | UE24CS3502 | Cloud Computing and its Applications | 3 |
| 3. | UE24AI3503 | **Professional Elective - 1** | 3 |
| 4. | UE24DS3504 | **Text Analytics & NLP** | 3 |
| 5. | UE24AI3505 | **Generative AI** | 3 |
| 6. | UE24A13506 | Project Based Learning / mini project on Text Analytics & NLP | 3 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 00 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 00 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24AI3601 | **Human-centered artificial Intelligence** | 3 |
| 2. | UE24AI3602 | **Optimization Techniques in AI** | 3 |
| 3. | UE24CS3603 | Blockchain Technology | 3 |
| 4. | UE24DS3604 | Professional Elective - 2 | 3 |
| 5. | UE24AI3605 | Project Based Learning / mini project on Block Chain | 3 |
| 6. | SDTCD | Technical Competency | 02 |
| 7. | CASP | Life Skills | 00 |
| 8. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 9. | SA | Environmental Awareness and Community Services | 00 |
| 10. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | SA | Cultural & Literary Activities | 01 |
| 12. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13. | CASP | Placement Training | 00 |
| **Total** | | | **19** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS4701 | Open Elective -1 | 3 |
| 2. | UE24CS4702 | Intellectual Property Rights | 3 |
| 3. | UE24CS4703 | Industry Internship | 4 |
| 4. | UE24CS4704 | Project - 1 | 4 |
| 5. | SDTCD | Technical Competency | 00 |
| 6. | CASP | Life Skills | 00 |
| 7. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 8. | SA | Environmental Awareness and Community Services | 00 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10. | SA | Cultural & Literary Activities | 01 |
| 11. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12. | CASP | Placement Training | 00 |
| **Total** | | | **16** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IY4801 | Engineering Project Management | 3 |
| 2. | UE24CS4802 | Open Elective -2 | 3 |
| 3. | UE24CS4803 | Project - 2 | 6 |
| 4. | SDTCD | Technical Competency | 00 |
| 5. | CASP | Life Skills | 00 |
| 6. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 7. | SA | Environmental Awareness and Community Services | 00 |
| 8. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9. | SA | Cultural & Literary Activities | 00 |
| 10. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 01 |
| 11. | CASP | Placement Training | 00 |
| **Total** | | | **14** |

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | Teaching and Learning Methods<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance<br>shortage is as per the Academic Regulations of B. Tech. Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning andany such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.If marks scored is:<br>a. 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>b. If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register orregister for a different elective course) and earn the required credits<br>c. **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass)with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 160 credits, completing a minimumof 130 credits in academic courses (Core, elective, open elective) for the award of the degree.**<br>**Award of Degree Certificate:** |

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| | Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in anycourse over 8 semesters and completing the program within the specified period of 4 years (8 semesters) will<br>be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**26. Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
| - | | | | | | | | | | | | |

**B.Tech. - Computer Science -Information Security**

## Program Details

| | |
|---|---|
| **Faculty** | Engineering and Technology (FET) |
| **School** | School of Computer Science and Technology (SCST) |
| **Department** | Computer Science - Information Security |
| **Program** | B.Tech., Computer Science - Information Security |
| **Dean of Faculty** | Dr. G M Patil |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Head of Department** | Dr. B N Veerappa |

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|---|---|---|
| 1. | **Title of the Award** | B.Tech. in Computer Science - Information Security |
| 2. | **Modes of Study** | Full Time |
| 3. | **Awarding Institution /Body** | GM University |
| 4. | **Joint Award** | Not Applicable |
| 5. | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6. | **Date of Program Specifications** | November -2023 |
| 7. | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8. | **Next Review Date:** | --- |
| 9. | **Program Approving Regulating Body and Date of Approval** | --- |
| 10. | **Program Accredited Body and Date of Accreditation** | --- |
| 11. | **Grade Awarded by the Accreditation Body** | --- |
| 12. | **Program Accreditation Validity** | --- |
| 13. | **Program Benchmark** | N/A |

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| 14. | **Program Overview for Compute Science -Information Security**<br>The Bachelor's program in Computer Science and Information Security (B.Tech. Computer Science and Information Security) delivers a comprehensive and forward-looking education for students aspiring to excel in the dynamic convergence of computer science, software engineering, and the crucial domain of information security. Meticulously crafted, the program aims to provide students with a robust foundation in both theoretical principles and practical applications of computer science, nurturing a profound understanding of creative problem-solving, software design, and cutting-edge technologies in the computer science and information security industry.<br><br>Over the span of four years, students immerse themselves in a meticulously structured curriculum that seamlessly blends core engineering principles with specialized courses in computer science and information security. The program employs a hands-on approach, integrating software projects, system design, and internships to empower students to apply theoretical knowledge to real-world challenges in computer science and information security.<br><br>Key areas of study encompass programming principles, algorithms, data structures, artificial intelligence, machine learning, software development methodologies, computer networks, and specialized information security techniques. Proficiency is developed in using leading programming languages, development tools, and simulation software, ensuring graduates are well-prepared for the complexities of the contemporary computer science and information security industry.<br><br>The B.Tech. Computer Science and Information Security program aim to equip graduates for diverse career opportunities across various sectors, with a specific focus on securing information systems and networks. Potential career paths encompass roles in technology companies, information security firms, government agencies, research and development, and entrepreneurship within the computer science and information security domain.<br><br>The interdisciplinary nature of computer science and information security provides avenues to explore diverse applications, enabling graduates to contribute to technological advancements, innovative software solutions, and the development of secure systems. Emphasizing continuous learning and staying abreast of the latest industry trends, the program ensures graduates thrive in the rapidly evolving field of |

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| | computer science and information security. Spanning eight semesters, the program delivers a holistic education that readies students for a successful and impactful career in the dynamic realm of computer science and information security innovation. |
| 15. | **Program Educational Objectives (PEOs) for Computer Science - Information Security**<br>**PEO-1: Knowledge and Technical Skills:** The Bachelor's program in Computer Science and Information Security strives to furnish graduates with a strong foundation in computer science and engineering principles, covering algorithms, data structures, artificial intelligence, and machine learning. Post-completion, graduates will possess the knowledge and technical skills requisite for analyzing, designing, implementing, and optimizing software systems and intelligent solutions. Their competencies will extend to addressing real-world challenges, especially in the realm of information security, ensuring the confidentiality, integrity, and availability of information systems and networks.<br>**PEO-2: Professional Competence and Leadership** Our program is dedicated to instilling in graduates the technical expertise, practical skills, and leadership acumen essential for success in the dynamic and critical field of computer science and information security. Graduates will excel in various roles within technology companies, information security firms, research and development, and entrepreneurial ventures within the broad spectrum of the computer science domain. Theywill be adept at assuming both technical and leadership positions, contributing significantly to technological advancements and innovation, with a specific emphasis on securing information systems.<br>**PEO-3: Holistic Development and Adaptability** The program aspires to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross-cultural interactionskills. Graduates will showcase their ability to adapt to evolving professional environments, ensuring they contribute effectively to the dynamic and challenging field of computer science and information security. The interdisciplinary nature of the program is designed to prepare graduates for diverse career trajectories, fostering holistic development and a commitment to lifelong learning.<br>The overarching goal of the B.Tech. in Computer Science and Information Security is to produce graduates who are well-prepared to tackle the challenges of the dynamic computer science and information security industry.They are poised to contribute to technological advancements, enhance innovation, and positively impact the<br>security of information systems and society. |

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| 16. | **Program Outcomes (POs) (Graduate Attributes)**<br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.<br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.<br>**PO-3:** Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the publichealth and safety, and the cultural, societal, and environmental considerations.<br>**PO-4:** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.<br>**PO-5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.<br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.<br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.<br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.<br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.<br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering andmanagement principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. |

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| | **PO-12:** Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. |
| 17. | **Program Specific Outcomes (PSOs):**<br>**PSO-1: Analyze and Address Information Security Challenges** Graduates will exhibit the ability to analyze intricate computational requirements specific to information security, identify challenges, and precisely articulate problems with necessary specifications. Employing their comprehension of computer science principles within the information security context, graduates will deliver inventive solutions, focusing on issues related to secure software development, algorithm design, and computational applications in the information security domain.<br>**PSO-2: Apply Information Security Concepts in System Development** Graduates will be proficient in envisioning, modeling, designing, implementing, and testing secure software systems and computational solutions. They will demonstrate expertise in addressing technical challenges within the field of computer science and information security, utilizing their knowledge of algorithms, data structures, and secure software development methodologies to create efficient, reliable, and innovative applications with a specific focus on information security measures.<br>**PSO-3: Conduct and Lead Experimental Validation in Information Security** Upon program completion, graduates will demonstrate the capability to strategize, coordinate, and execute experiments for the validation and verification of information security systems and solutions. They will adeptly use laboratory techniques and software tools for designing and simulating secure computational processes, emphasizing the importance of information security measures. Graduates will be well-prepared to assume leadership roles in research projects, effectively managing teams and resources in the context of computer science and information security.<br>These Program Specific Objectives are crafted to ensure that graduates are not only well-versed in the theoretical aspects of computer science and engineering but also possess the practical skills and leadership qualities required to make meaningful contributions in the specialized field of computer science and information security. The objectives underscore the application of computer science principles in addressing real-world challenges and the development of innovative and secure solutions in the realm of information security. |

**Programme Structure**

18. **Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl.No. | Program -Category | Credits |
|---|---|---|
| 1. | Program-Core courses, elective Courses, open electives | 130 |
| 2. | Technical Competency | 10 (SDTCD) |
| 3. | Life Skills | 3(CASP) |
| 4. | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5. | Environmental Awareness and Community Services | 3(SA) |
| 6. | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7. | Cultural & Literary Activities | 3(SA) |
| 8. | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9. | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

18. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1101 | Foundational Mathematics for Computer Science | 3 |
| 2. | UE24CS1102 | Analog & Digital Fundamentals | 3 |
| 3. | UE24CS1103 | Smart Materials and Devices for Computer Science | 3 |
| 4. | UE24CS1104 | Data Analytics | 2 |
| 5. | UE24CS1105 | Problem Solving through C Programming | 3 |
| 6. | UE24CS1106 | Web Designing & Programming | 3 |
| 7. | UE24CS1108 | Capstone Project on Web Designing | 2 |
| 8. | SDTCD | Technical Competency | 0 |
| 9. | CASP | Life Skills | 0 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 11. | SA | Environmental Awareness and Community Services | 0 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13. | SA | Cultural & Literary Activities | 0 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15. | CASP | Placement Training | 0 |
| **Total** | | | **19** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1201 | Applied Mathematics for Computer Science | 3 |
| 2. | UE24CS1202 | Applied Physics for CSE | 3 |
| 3. | UE24CS1203 | Data Structures & Algorithms | 3 |
| 4. | UE24CS1204 | Python Programming | 3 |
| 5. | UE24CS1205 | Fundamentals of Computer Networks | 2 |
| 6. | UE24CS1206 | Fundamentals of DBMS | 2 |
| 7. | UE24CS1208 | Capstone Project | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15. | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2301 | Management and Entrepreneurship | 2 |
| 2. | UE24CS2302 | Algorithm Design and Complexity Analysis | 3 |
| 3. | UE24CS2303 | Internet of Things | 2 |
| 4. | UE24CS2304 | Object Oriented Programming | 3 |
| 5. | UE24CS2305 | Computer Organization and Digital Circuits/Architecture | 3 |
| 6. | UE24CS2306 | Operating System Concepts | 3 |
| 7. | UE24CS2308 | Capstone: Case Study on Management & Entrepreneurship | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2401 | Machine Learning | 3 |
| 2. | UE24CS2402 | Data Mining & Data Warehousing | 3 |
| 3. | UE24CS2403 | Discrete Structures for Computing | 2 |
| 4. | UE24CS2405 | Advanced DBMS + NoSql | 3 |
| 5. | UE24CS2406 | Automata Theory and Compiler Design | 3 |
| 6. | UE24CS2408 | Capstone project on building a Machine Learning Model | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 01 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| 15. | UE24CS2401 | Machine Learning | 3 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IY3501 | **Cryptography and Network Security** | 3 |
| 2. | UE24IY3502 | **Data Privacy** | 3 |
| 3. | UE24IY3503 | **Malware Analysis** | 3 |
| 4. | UE24IY3504 | **Digital Forensics** | 3 |
| 5. | UE24CY3505 | **Web Application & Database Security** | 3 |
| 6. | UE24IY3508 | **Capstone project on Cryptography and Network Security** | 3 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 00 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 00 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IY3601 | **Cyber forensics and Investigation** | 3 |
| 2. | UE24IY3602 | **Digital water Marking and Steganography** | 4 |
| 3. | UE24IY3603 | **Information Security Management** | 4 |
| 4. | UE24IY3604 | **Security threat and Vulnerability** | 3 |
| 5. | UE24IY3608 | Capstone Project on Information Security Management | 3 |
| 6. | SDTCD | Technical Competency | 02 |
| 7. | CASP | Life Skills | 00 |
| 8. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 9. | SA | Environmental Awareness and Community Services | 00 |
| 10. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | SA | Cultural & Literary Activities | 01 |
| 12. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13. | CASP | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS4701 | Software Engineering | 3 |
| 2. | UE24CS4702 | Intellectual Property Rights | 3 |
| 3. | UE24CS4703 | Industry Internship | 4 |
| 4. | UE24CS4705 | Project - 1 | 4 |
| 5. | SDTCD | Technical Competency | 00 |
| 6. | CASP | Life Skills | 00 |
| 7. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 8. | SA | Environmental Awareness and Community Services | 00 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10. | SA | Cultural & Literary Activities | 00 |
| 11. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12. | CASP | Placement Training | 00 |
| **Total** | | | **16** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IY4801 | Engineering Project Management | 4 |
| 2. | UE24CS4805 | Project - 2 | 6 |
| 3. | SDTCD | Technical Competency | 00 |
| 4. | CASP | Life Skills | 00 |
| 5. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 6. | SA | Environmental Awareness and Community Services | 00 |
| 7. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8. | SA | Cultural & Literary Activities | 00 |
| 9. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 01 |
| 10. | CASP | Placement Training | 00 |
| **Total** | | | **12** |

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|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | Teaching and Learning Methods<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance<br>shortage is as per the Academic Regulations of B. Tech. Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning andany such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.If marks scored is:<br>a. 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61- |

| | |
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| | 70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>b. If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register orregister for a different elective course) and earn the required credits<br>**c. A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass)with a minimum of 40% in each component.**<br>**4.** End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 160 credits, completing a minimumof 130 credits in academic courses (Core, elective, open elective) for the award of the degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in anycourse over 8 semesters and completing the program within the specified period of 4 years (8 semesters) will<br>be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes |

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|---|---|
| | 2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**26. Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
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| - | | | | | | | | | | | | |

## B.Tech. -Computer Science – Data Science

### Program Details

| | |
|---|---|
| **Faculty** | Engineering and Technology(FET) |
| **School** | School of Computer Science and Technology(SCST) |
| **Department** | Computer Science and Engineering |
| **Program** | B.Tech., Computer Science-Data Science |
| **DeanofFaculty** | Dr. S V Prakash |
| **DirectorofSchool** | Dr. Sanjay Pande M.B. |
| **Program Coordinator** | Mr. Firoz khan |

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|---|---|---|
| 1. | **Title of the Award** | B.Tech.in Computer Science-Data Science |
| 2. | **Modes of Study** | Full Time |
| 3. | **Awarding Institution/Body** | GM University |
| 4. | **Joint Award** | Not Applicable |
| 5. | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6. | **Date of Program Specifications** | November-2023 |
| 7. | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8. | **Next Review Date:** | --- |
| 9. | **Program Approving Regulating Body and Date of Approval** | --- |
| 10. | **Program Accredited Body and Date of Accreditation** | --- |
| 11. | **Grade Awarded by the Accreditation Body** | --- |
| 12. | **Program Accreditation Validity** | --- |
| 13. | **Program Benchmark** | N/A |

**Programme Structure**

14. **Definition of Credit**:

| | |
|---|---|
| 1Hr.Lecture(L)per week | 1Credit |
| 2Hr.Tutorial(T)per week | 1Credit |
| 2Hr.Practical(P)per week | 1Credit |

| Sl. No. | Program-Category | Credits |
|---|---|---|
| 1. | Program-Core courses, elective Courses, open electives | 130 |
| 2. | Technical Competency | 10(SDTCD) |
| 3. | Life Skills | 3(CASP) |
| 4. | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5. | Environmental Awareness and Community Services | 3(SA) |
| 6. | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7. | Cultural & Literary Activities | 3(SA) |
| 8. | Co-CurricularActivities(Seminar/Conference/Exhibition/TechnicalCompetition) | 2(SA&SP) |
| 9. | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

15 **ProgramOverviewforComputer Science-Data Science**

The Bachelor's program in Computer Science - Data Science (B.Tech. Computer Science - Data Science) offers an all-encompassing and innovative education for students driven to excel in the dynamic field of computer science, data engineering, and intelligent systems. This program is meticulously crafted to provide students with a robust foundation in both theoretical principles and practical applications of computer science, with a specializedfocusondatascience,fosteringaprofoundunderstandingofcreativeproblem-solving,data analytics,andemergingtechnologiesinthecomputerscienceindustry.

Over the course of four years, students engage in a well-structured curriculum that seamlessly integratescore engineering principles with specialized courses in computer science and data science. The program emphasizes a hands-on approach, integrating projects, system design, and internships to empower students to apply theoretical knowledge to real-world challenges in computer science and data science.

Key areas of study include fundamental computer science concepts, data structures,

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| | algorithms, database managementsystems,dataanalytics,machinelearning applications,andethical datapractices. Studentsalso gain proficiency in utilizing cutting-edge programming languages, database tools, and analytics software, preparing them for the challenges of the contemporary computer science and data science industry.<br><br>The B.Tech. Computer Science - Data Science program aims to equip graduates for diverse career opportunities across various sectors, including data engineering, information management, data analytics, and intelligent systems. Potential career paths encompass roles in technology companies, data-driven industries, research and development, and entrepreneurship within the computer science and data science domain.<br><br>The interdisciplinary nature of the program opens avenues for exploring diverse applications, enabling graduates to contribute to advancements in technology, intelligent systems, and data-driven solutions. Continuous learning and staying abreast of the latest industry trends are essential for graduates to thrive in the rapidly evolving field of computer science and data science. The program spans eight semesters, providing a holistic education that prepares students for a successful and impactful career in the dynamic realm of computer science and data science innovation. |
| 16 | **ProgramEducationalObjectives(PEOs)forComputer Science -Data Science**<br>The Bachelor's program in Computer Science - Data Science aims to produce graduates who, upon successful completion of the program, will achieve the following educational objectives:<br>**PEO-1:KnowledgeandTechnicalSkills**<br>Graduates will possess a robust foundation in computer science and data science principles, encompassing data structures, algorithms, database management systems, information retrieval, and machine learning applications. They will be equipped with the knowledge and technical skills necessary to analyze, design, implement, and optimize information systems and intelligent solutions. Graduates will be well-prepared to addressreal-worldchallengesindiversesectors,includingdataengineering,informationmanagement, analytics,andemergingtechnologies.<br><br>**PEO-2:ProfessionalCompetenceandLeadership**<br>The program aims to instill in graduate's technical competencies, practical skills, and leadership abilities, preparing them for success in the dynamicfield of computer science |

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| | and datascience.Graduates will excelin various roles within technology companies, information industries, research and development, and entrepreneurial ventures within the computer science and data science domain. They will be capable of assuming both technical and leadership positions, contributing significantly to advancements in technology and innovation. The program emphasizes the development of professionals who can lead and drive positive change in the evolving landscape of computer science and data science.<br><br>**PEO-3:HolisticDevelopmentandAdaptability**<br>The program is designed to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross- cultural interaction skills. Graduates will demonstrate the ability to adapt to evolving professional environments,ensuringtheycontributeeffectivelytotheirrespectivefields.Theinterdisciplinary natureofthe program prepares graduates for diverse career trajectories, fostering holistic development and lifelong learning.<br><br>The overarchinggoalof the B.Tech.inComputer Science - Data Scienceis to producegraduateswhoarewell- prepared to meet the challenges of the dynamic computer science and data science industry, contribute to technological advancements, and make a positive impact on society. |
| 17 | **ProgramOutcomes(POs)(GraduateAttributes)**<br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and anengineeringspecializationtothesolutionofcomplexengineeringproblems.<br><br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineeringproblems reaching substantiated conclusions using first principles of mathematics, natural sciences, andengineeringsciences.<br><br>**PO-3:**Design/development ofsolutions: Designsolutionsforcomplexengineering problems anddesignsystem components or processes that meet the specified needs with appropriate consideration for the publichealthandsafety,andthecultural,societal,andenvironmentalconsiderations.<br><br>**PO-4:** Conduct investigations of complex problems: Use research-based knowledge and |

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| | research methodsincludingdesignofexperiments,analysisandinterpretationofdata,andsynthesisofthei nformationto providevalidconclusions.<br><br>**PO-5:**Moderntoolusage:Create,select,andapplyappropriatetechniques,resources,andmoderne ngineeringandITtoolsincludingpredictionandmodelingtocomplexengineeringactivitieswitha nunderstandingofthelimitations.<br><br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal,health, safety, legal and cultural issues and the consequent responsibilities relevant to the professionalengineeringpractice.<br><br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions insocietalandenvironmentalcontexts,anddemonstratetheknowledgeof,andneedforsustaina bledevelopment.<br><br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of theengineeringpractice.<br><br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverseteams,andinmultidisciplinarysettings.<br><br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineeringcommunity and with society at large, such as, being able to comprehend and write effective reports anddesigndocumentation,makeeffectivepresentations, andgiveandreceiveclearinstructions.<br><br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering andmanagement principles and apply these to one's own work, as a member and leader in a team, to manageprojectsandinmultidisciplinaryenvironments.<br><br>**PO-12:**Lifelonglearning:Recognizetheneedfor,andhavethepreparationandabilitytoengageininde pendentandlife-longlearninginthebroadest contextoftechnologicalchange. |
| | **ProgramSpecificOutcomes(PSOs):** |

Upon successful completion of the Bachelor's program in Computer Science - Data Science, graduates will possess the capability to:

**PSO-1: Analyse and Address Data Science Challenges**

Graduates will demonstrate the ability to analyze complex requirements in data science, identify challenges, and articulate problems with necessary specifications. Leveraging their understanding of data science principles, graduates will deliver innovative solutions, addressing issues in areas such as data engineering, information retrieval, and intelligent systems.

**PSO-2:ApplyDataScienceConcepts inSystem Development**

Graduates will be equipped to envision, model, design, implement, and test data science systems and solutions. They will demonstrate proficiency in addressing technical challenges within the field of data science, utilizing their knowledge of data structures, algorithms, and data management methodologies to create efficient, reliable, and innovative applications.

**PSO-3: ConductandLeadExperimental ValidationinData Science**

After completing the program, graduates will showcase the capability to strategize, coordinate, and execute experiments for the validation and verification of data science systems and solutions. They will adeptly use laboratory techniques and software tools for designing and simulating data processes, and will be preparedto assume leadership roles in research projects, effectively managing teams and resources in the context of data science.

These Program Specific Outcomes are tailored to ensure that graduates are not only well-versed in the theoretical aspects of data science but also possess the practical skills and leadership qualities required to make meaningful contributions in the field. The outcomes emphasize the application of data science principles in addressing real-world challenges and the development of innovative solutions in the realm of data science and engineering.

18.Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1101 | Foundational Mathematics for Computer Science | 3 |
| 2. | UE24CS1102 | Analog & Digital Fundamentals | 3 |
| 3. | UE24CS1103 | Advanced Materials Integration in Computing Technology | 3 |
| 4. | UE24CS1104 | Problem Solving through C Programming | 3 |
| 5. | UE24CS1105 | Web Designing & Programming | 3 |
| 6. | UE24CS1106 | Project Based Learning / mini project on Web Designing | 2 |
| 7. | SDTCD | Technical Competency | 0 |
| 8. | CASP | Life Skills | 0 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10. | SA | Environmental Awareness and Community Services | 0 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12. | SA | Cultural & Literary Activities | 0 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 0 |
| **Total** | | | **17** |

| Semester-2 | | | |
|---|---|---|---|
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1201 | Applied Mathematics for Computer Science | 3 |
| 2. | UE24CS1202 | Applied Physics for CSE | 3 |
| 3. | UE24CS1203 | Data Structures & Algorithms | 3 |
| 4. | UE24CS1204 | Python Programming | 3 |
| 5. | UE24CS1205 | Fundamentals of Computer Networks | 3 |
| 6. | UE24CS1206 | Fundamentals of DBMS | 3 |
| 7. | UE24CS1207 | Project Based Learning / mini project on Computer Networks | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities | 00 |
| 15. | CASP | Placement Training | 00 |
| **Total** | | | **24** |

| | | | |
|---|---|---|---|
| **Semester-3** | | | |
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2301 | Algorithm Design and Complexity Analysis | 4 |
| 2. | UE24CS2302 | Internet of Things | 3 |
| 3. | UE24CS2303 | Object Oriented Programming | 3 |
| 4. | UE24CS2304 | Computer Organization and Architecture | 3 |
| 5. | UE24CS2305 | Operating System Concepts | 3 |
| 6. | UE24CS2306 | Project Based Learning / mini project | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| **Semester-4** | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **CourseTitle** | **Credits** |
| 1. | UE24CS2401 | Machine Learning | 3 |
| 2. | UE24CS2402 | Data Mining & Data Warehousing | 3 |
| 3. | UE24CS2403 | Discrete Structures for Computing | 2 |
| 4. | UE24CS2404 | Advanced Data Base Management System and PL/SQL | 3 |
| 5. | UE24CS2405 | Automata Theory and Compiler Design | 3 |
| 6. | UE24CS2406 | Project based learning on building a Machine Learning Model | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 01 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24DS3501 | **Data Visualization** | 3 |
| 2. | UE24CS3502 | Cloud Computing and its Applications | 3 |
| 3. | UE24DS3503 | **Data wrangling using Python** | 3 |
| 4. | UE24DS3504 | **Data Science Tools-Tableau** | 3 |
| 5. | UE24DS3505 | Text Analytics & NLP | 3 |
| 6. | UE24DS3506 | Project based learning on Tableau | 3 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 00 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 00 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural &Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **Course Title** | **Credits** |
| 1. | UE24DS3601 | **Pattern Analysis in Data Science** | 3 |
| 2. | UE24DS3602 | **Data Analytics with Hadoop** | 4 |
| 3. | UE24DS3603 | **R Programming for Data Science** | 4 |
| 4. | UE24DS3604 | DevOps Essentials | 3 |
| 5. | UE24DS3605 | Project based learning on DevOps | 3 |
| 6. | SDTCD | Technical Competency | 02 |
| 7. | CASP | Life Skills | 00 |
| 8. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 9. | SA | Environmental Awareness and Community Services | 00 |
| 10. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | SA | Cultural & Literary Activities | 01 |
| 12. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13. | CASP | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-7 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **CourseTitle** | **Credits** |
| 1. | UE24CS4701 | Software Engineering | 3 |
| 2. | UE24CS4702 | Intellectual Property Rights | 3 |
| 3. | UE24CS4703 | Industry Internship | 4 |
| 4. | UE24CS4704 | Project-1 | 4 |
| 5. | SDTCD | Technical Competency | 00 |
| 6. | CASP | Life Skills | 00 |
| 7. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 8. | SA | Environmental Awareness and Community Services | 00 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10. | SA | Cultural & Literary Activities | 00 |
| 11. | SASP | Co-Curricular Activities(Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12. | CASP | Placement Training | 00 |
| **Total** | | | **16** |

| Semester-8 | | | |
|---|---|---|---|
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS4801 | Engineering Project Management | 4 |
| 2. | UE24CS4802 | Project-2 | 6 |
| 3. | SDTCD | Technical Competency | 00 |
| 4. | CASP | Life Skills | 00 |
| 5. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 6. | SA | Environmental Awareness and Community Services | 00 |
| 7. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8. | SA | Cultural & Literary Activities | 00 |
| 9. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 01 |
| 10. | CASP | Placement Training | 00 |
| **Total** | | | **12** |

| | |
|---|---|
| 19 | **ProgramDeliveryandProgramAttainment** |
| | The program comprises several courses, each delivered according to the specifications outlined in the coursedocuments.Attheconclusionofeachcourse,bothcourseattainmentsandprogramattainments arecomputed.TheseattainmentsundergoanalysisduringCourseAssessmentBoardandProgramAssessment Boardmeetings,leadingto recommendationsforenhancementsinsubsequentofferings. |
| 20 | TeachingandLearningMethods |
| | 1. FacetoFaceLecturesusingAudio-Visuals |
| | 2. Laboratorywork/Fieldwork/Workshop |
| | 3. ProjectBasedLearning |
| | 4. ProblemBasedLearning |
| | 5. GroupExercises/Assignments |
| | 6. Demonstrations |
| | 7. GuestLectures |
| | 8. IndustryVisit |
| | 9. Workshops,GroupDiscussions,Debates,Presentations |
| | 10. ProjectWork |
| | 11. ProjectExhibitions |
| | 12. TechnicalCompetitions |
| 21 | **Attendance** |
| | Aminimumof85%attendanceisessentialtoappearforsemesterendexaminations.Condoningofattendance ShortageisapertheAcademicRegulationsofB.Tech.Programme. |
| 22 | **AssessmentandGrading** |
| | 1. Everycoursewillbeassessedforaweightof100 |
| | 2. Thereare4components: |
| | a. Quiz-15% |
| | b. ClassTests:25% |
| | c. Application Based open assignments/ Activity/project-based learning/problem-based learning andanysuchassessment:20% |
| | d. SemesterEndExamination:40% |
| | 3. Based on total marks scored grade is Awarded.Ifmarksscoredis: |
| | a. 91andaboveO(outstanding);81-90:A+(Excellent);71-80:A(VeryGood);61-70:B+(Good);51-60:B(AboveAverage);40-50:C (Average);below40:D(Notsatisfactory) |

| | |
|---|---|
| | b. If one scores D grade, the candidate is required to re-register for the course (for core courses only,students can exercise their choice in case of electives or open electives –means they can re-register orregisterforadifferentelectivecourse)andearntherequiredcredits |
| | **c. Aminimumofoverall40%isrequiredforcompletionofcoursebyacquiring minimumgrade(pass)withaminimumof 40% ineachcomponent.** |
| | **4.** Endofeachsemester–gradecardwillbeissuedwithSGPAdisplayed |
| 23 | **AwardofDegree** |
| | Everystudentregisteringfortheprogramneedtocomplete**aminimumof160credits,completingamin imumof130creditsinacademiccourses(Core,elective,openelective)fortheawardof thedegree**. |
| | **AwardofDegreeCertificate:** |
| | StudentswillbeissuedconsolidatedgradecardwithCGPAdisplayedandGMUniversityDegreeCertific ate. |
| | **Awardof Gold Medal:**Astudent withhighestCGPA(Not lessthan9.0 onascaleof10)intheclasswithoutgettingaDgradeinanycourseover8semestersandcompletingthep rogramwithinthespecifiedperiodof4years(8semesters)will |
| | beawardedGoldMedal. |
| 24 | **StudentSupportforLearning** |
| | 1. CourseNotes |
| | 2. ReferenceBooksintheLibrary |
| | 3. MagazinesandJournals |
| | 4. InternetFacility |
| | 5. ComputingFacility |
| | 6. LaboratoryFacility |
| | 7. WorkshopFacility |
| | 8. StaffSupport |
| | 9. LoungesforDiscussions |
| | 10. Anyothersupportthatenhances theirlearning |
| 25 | **QualityControlMeasures** |
| | 1. ReviewofCourseNotes |
| | 2. ReviewofQuestionPapersandAssignmentQuestions |
| | 3. StudentFeedback |
| | 4. ModerationofAssessedWork |
| | 5. Opportunitiesforstudentstoseetheirassessedwork |
| | 6. Reviewbyexternalexaminersandexternalexaminersreports |
| | 7. StaffStudentConsultativeCommitteemeetings |

| | |
|---|---|
| | 8. Studentexitfeedback |
| | 9. CourseAssessmentBoard(CAB) |
| | 10.ProgrammeAssessmentBoard(PAB) |

**26. MappingofPOs withCos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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## B.Tech. - Computer Science – Internet of Things

### Program Details

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| **Faculty** | Engineering and Technology (FET) |
| **School** | School of Computer Science and Technology (SCST) |
| **Department** | Computer Science – Internet of Things |
| **Program** | B.Tech., Computer Science – Internet of Things |
| **Dean of Faculty** | Dr. S V Prakash |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Head of Department** | Prof. Firoz Khan |

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| 1. | **Title of the Award** | B.Tech. in Computer Science – Internet of Things |
| 2. | **Modes of Study** | Full Time |
| 3. | **Awarding Institution /Body** | GM University |
| 4. | **Joint Award** | Not Applicable |
| 5. | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6. | **Date of Program Specifications** | November -2023 |
| 7. | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8. | **Next Review Date:** | --- |
| 9. | **Program Approving Regulating Body and Date of Approval** | --- |
| 10. | **Program Accredited Body and Date of Accreditation** | --- |
| 11. | **Grade Awarded by the Accreditation Body** | --- |
| 12. | **Program Accreditation Validity** | --- |
| 13. | **Program Benchmark** | N/A |

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| 14. | **Program Overview for Computer Science – Internet of Things**<br>The Bachelor's program in Computer Science – Internet of Things (B.Tech. Computer Science – Internet of Things) offers a comprehensive and innovative education for students aspiring to excel in the dynamic field of Internet of Things, data engineering, and intelligent systems. This program is meticulously designed to provide students with a strong foundation in both theoretical principles and practical applications of Internet of Things, fostering a deep understanding of creative problem-solving, data management, and emerging technologies in the Internet of Things industry.<br><br>Over the course of four years, students engage in a well-structured curriculum that seamlessly integrates core engineering principles with specialized courses in Computer Science – Internet of Things. The program adopts a hands-on approach, incorporating projects, system design, and internships to enable students to apply theoretical knowledge to real-world challenges in Internet of Things.<br><br>Key areas of study include data structures, algorithms, database management systems, information retrieval, machine learning applications in Internet of Things, and ethical data practices. Students also gain proficiency in using cutting-edge programming languages, database tools, and analytics software, preparing them for the challenges of the contemporary Internet of Things industry.<br><br>The B.Tech. Computer Science – Internet of Things program aim to equip graduates for diverse career opportunities across various sectors, including data engineering, information management, data analytics, and smart technologies. Potential career paths encompass roles in technology companies, information industries, research and development, and entrepreneurship within the Internet of Things domain.<br><br>The interdisciplinary nature of Internet of Things opens avenues to explore diverse applications, enabling graduates to contribute to advancements in technology, intelligent systems, and data-driven solutions. Continuous learning and staying abreast of the latest industry trends are crucial for graduates to thrive in the rapidly evolving field of Internet of Things. The program spans eight semesters, providing a holistic education that prepares students for a successful and impactful career in the dynamic realm of Computer Science – Internet of Things innovation. |

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| 15. | **Program Educational Objectives (PEOs) for Computer Science – Internet of Things**<br><br>**PEO-1: Knowledge and Technical Skills**<br><br>The Bachelor's program in Computer Science – Internet of Things aims to provide graduates with a robust foundation in Internet of Things principles, including data structures, algorithms, database management systems, information retrieval, and machine learning applications. Upon completion, graduates will possess the knowledge and technical skills necessary to analyze, design, implement, and optimize information systems and intelligent solutions. They will be well-equipped to address real-world challenges in diverse sectors, including data engineering, information management, analytics, and emerging technologies.<br><br>**PEO-2: Professional Competence and Leadership**<br><br>To instill technical competencies, practical skills, and leadership abilities in graduates, preparing them for success in the dynamic field of Computer Science – Internet of Things. Graduates will excel in roles within technology companies, information industries, research and development, and entrepreneurial ventures within the Internet of Things domain. They will be capable of assuming both technical and leadership positions, contributing to advancements in technology and innovation. The program emphasizes the development of professionals who can lead and drive positive change in the evolving landscape of Computer Science – Internet of Things.<br><br>**PEO-3: Holistic Development and Adaptability**<br><br>The program aims to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross-cultural interaction skills. Graduates will demonstrate the ability to adapt to evolving professional environments, ensuring they contribute effectively to their respective fields. The interdisciplinary nature of Internet of Things prepares graduates for diverse career trajectories, fostering holistic development and lifelong learning.<br><br>The overarching goal of the B.Tech. in Computer Science – Internet of Things is to produce graduates who are well-prepared to meet the challenges of the dynamic Internet of Things industry, contribute to technological advancements, and make a positive impact on society. |

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| 16. | **Program Outcomes (POs) (Graduate Attributes)**<br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.<br><br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.<br><br>**PO-3:** Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.<br><br>**PO-4:** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.<br><br>**PO-5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.<br><br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.<br><br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.<br><br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.<br><br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.<br><br>**PO-10:** Communication: Communicate effectively on complex engineering activities with |

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| | the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br><br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.<br><br>**PO-12:** Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. |
| 17. | **Program Specific Outcomes (PSOs):**<br>Upon successful completion of the Bachelor's program in Computer Science – Internet of Things, graduates will possess the capability to:<br>**PSO-1: Analyze and Address Internet of Things Challenges**<br>Graduates will demonstrate the ability to analyze complex requirements in Internet of Things, identify challenges, and articulate problems with necessary specifications. Leveraging their understanding of Internet of Things principles, graduates will deliver innovative solutions, addressing issues in areas such as data engineering, information retrieval, and intelligent systems.<br><br>**PSO-2: Apply Internet of Things Concepts in System Development**<br>Graduates will be equipped to envision, model, design, implement, and test information systems and solutions. They will demonstrate proficiency in addressing technical challenges within the field of Internet of Things, utilizing their knowledge of data structures, algorithms, and information management methodologies to create efficient, reliable, and innovative applications.<br><br>**PSO-3: Conduct and Lead Experimental Validation in Internet of Things**<br>After completing the program, graduates will showcase the capability to strategize, coordinate, and execute experiments for the validation and verification of information systems and solutions. They will adeptly use laboratory techniques and software tools for designing and simulating information processes, and will be prepared to assume leadership roles in research projects, effectively managing teams and resources in the context of Internet of Things. |

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| | These Program Specific Outcomes are tailored to ensure that graduates are not only well-versed in the theoretical aspects of Internet of Things but also possess the practical skills and leadership qualities required to make meaningful contributions in the field. The outcomes emphasize the application of Internet of Things principles in addressing real-world challenges and the development of innovative solutions in the realm of Computer Science – Internet of Things. |

**Programme Structure**

18. **Definition of Credit**:

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| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl.No. | Program -Category | Credits |
|---|---|---|
| 1. | Program-Core courses, elective Courses, open electives | 130 |
| 2. | Technical Competency | 10 (SDTCD) |
| 3. | Life Skills | 3(CASP) |
| 4. | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5. | Environmental Awareness and Community Services | 3(SA) |
| 6. | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7. | Cultural & Literary Activities | 3(SA) |
| 8. | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9. | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

18. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1101 | Foundational Mathematics for Computer Science | 3 |
| 2. | UE24CS1102 | Analog & Digital Fundamentals | 3 |
| 3. | UE24CS1103 | Advanced Materials Integration in Computing Technology | 3 |
| 4. | UE24CS1104 | Problem Solving through C Programming | 3 |
| 5. | UE24CS1105 | Web Designing & Programming | 3 |
| 6. | UE24CS1106 | Project Based Learning / mini project on Web Designing | 2 |
| 7. | SDTCD | Technical Competency | 0 |
| 8. | CASP | Life Skills | 0 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10. | SA | Environmental Awareness and Community Services | 0 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12. | SA | Cultural & Literary Activities | 0 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 0 |
| **Total** | | | **17** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1201 | Applied Mathematics for Computer Science | 3 |
| 2. | UE24CS1202 | Applied Physics for CSE | 3 |
| 3. | UE24CS1203 | Data Structures & Algorithms | 3 |
| 4. | UE24CS1204 | Python Programming | 3 |
| 5. | UE24CS1205 | Fundamentals of Computer Networks | 3 |
| 6. | UE24CS1206 | Fundamentals of DBMS | 3 |
| 7. | UE24CS1207 | Project Based Learning / mini project | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15. | CASP | Placement Training | 00 |
| **Total** | | | **24** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2301 | Algorithm Design and Complexity Analysis | 4 |
| 2. | UE24CS2302 | Internet of Things | 3 |
| 3. | UE24CS2303 | Object Oriented Programming | 3 |
| 4. | UE24CS2304 | Computer Organization and Digital Circuits/Architecture | 3 |
| 5. | UE24CS2305 | Operating System Concepts | 3 |
| 6. | UE24CS2306 | Project Based Learning / mini project on Management & Entrepreneurship | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2401 | Machine Learning | 3 |
| 2. | UE24CS2402 | Data Mining & Data Warehousing | 3 |
| 3. | UE24CS2403 | Discrete Structures for Computing | 2 |
| 4. | UE24CS2405 | Advanced DBMS + NoSql | 3 |
| 5. | UE24CS2406 | Automata Theory and Compiler Design | 3 |
| 6. | UE24CS2407 | Project Based Learning / mini project on building a Machine Learning Model | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 01 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| 15. | UE24CS2401 | Machine Learning | 3 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IO3501 | **IOT Architecture and Protocols** | 3 |
| 2. | UE24CS3502 | Cloud Computing and its Applications | 3 |
| 3. | UE24IO3503 | **Sensor and Sensing Systems** | 3 |
| 4. | UE24IO3504 | **Data Science in IOT** | 3 |
| 5. | UE24IS3505 | Project Based Learning | 3 |
| 6. | UE24CS35XX | **Professional Elective - 1** | 3 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 00 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 00 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar /Conference /Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IO3601 | **Industrial IOT** | 3 |
| 2. | UE24IS3602 | **Big Data Analytics** | 3 |
| 3. | UE24CS3603 | Blockchain Technology | 3 |
| 4. | UE24DS3604 | Project Based Learning / mini project on DevOps | 3 |
| 5. | UE24DS36XX | Professional Elective - 2 | 3 |
| 6. | SDTCD | Technical Competency | 02 |
| 7. | CASP | Life Skills | 00 |
| 8. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 9. | SA | Environmental Awareness and Community Services | 00 |
| 10. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | SA | Cultural & Literary Activities | 01 |
| 12. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13. | CASP | Placement Training | 00 |
| **Total** | | | **19** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS4701 | Intellectual Property Rights | 3 |
| 2. | UE24CS4702 | Industry Internship | 3 |
| 3. | UE24CS4703 | Project - 1 | 4 |
| 4. | UE24CS47XX | Open Elective -1 | 4 |
| 5. | SDTCD | Technical Competency | 00 |
| 6. | CASP | Life Skills | 00 |
| 7. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 8. | SA | Environmental Awareness and Community Services | 00 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10. | SA | Cultural & Literary Activities | 00 |
| 11. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12. | CASP | Placement Training | 00 |
| **Total** | | | **16** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IY4801 | Engineering Project Management | 3 |
| 2. | UE24CS4802 | Project - 2 | 3 |
| 3. | UE24CS48XX | Open Elective -2 | 6 |
| 4. | SDTCD | Technical Competency | 00 |
| 5. | CASP | Life Skills | 00 |
| 6. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 7. | SA | Environmental Awareness and Community Services | 00 |
| 8. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9. | SA | Cultural & Literary Activities | 00 |
| 10. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11. | CASP | Placement Training | 00 |
| **Total** | | | **14** |

Page 10 **List of Electives Offered**

List of Professional Electives offered for 5th Semester

| Sl | Course Code | Course Title | Credits |
|---|---|---|---|
| 1. | UE24CS3540 | Devops Essential | 3 |
| 2. | UE24CS3541 | Principles of Artificial Intelligence | 3 |
| 3. | UE24CS3542 | Software Engineering | 3 |
| 4. | UE24CS3543 | Ethical Hacking | 3 |
| 5. | UE24CS3544 | Information Network Security | 3 |
| 6. | UE24CS3545 | Advanced Cryptography | 3 |

List of Professional Electives offered for 6th Semester

| Sl | Course Code | Course Title | Credits |
|---|---|---|---|
| 1. | UE24CS3640 | Wireless Adhoc Networks | 3 |
| 2. | UE24CS3641 | Malware Analysis | 3 |
| 3. | UE24CS3642 | Sensor and Sensing Systems | 3 |
| 4. | UE24CS3643 | Security threat and Vulnerability | 3 |
| 5. | UE24CS3644 | Data wrangling using Python | 3 |
| 6. | UE24CS3645 | Cyber Security and Secure Systems | 3 |

List of Open Electives offered for 7th Semester

| Sl | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24CS4780 | M& E | 2 |
| 2 | UE24CS4781 | Biology of Enginers | 2 |
| 3 | UE24CS4782 | Nano Technology | 2 |

List of Open Electives offered for 8th Semester

| Sl | Course Code | Course Title | Credits |
|---|---|---|---|
| 1. | UE24CS4880 | Renewable Energy Resources | 2 |
| 2. | UE24CS4881 | Agricultural Robotics | 2 |
| 3. | UE24CS4882 | Occupational Health & Safety | 2 |

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course |

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| | attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | Teaching and Learning Methods<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance<br>shortage is as per the Academic Regulations of B. Tech. Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded. If marks scored is:<br>a. 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>b. If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>**c. A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>**4.** End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 160 credits,** |

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| | **completing a minimum of 130 credits in academic courses (Core, elective, open elective) for the award of the degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 8 semesters and completing the program within the specified period of 4 years (8 semesters) will<br>be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**26. Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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## B.Tech. - Computer Science- Artificial Intelligence and Machine Learning

### Program Details

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|---|---|
| **Faculty** | Engineering and Technology (FET) |
| **School** | School of Computer Science and Technology (SCST) |
| **Department** | Computer Science |
| **Program** | B.Tech., Computer Science-Artificial Intelligence & Machine Learning |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Head of Department** | Dr. Asha K |

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| 1. | **Title of the Award** | B.Tech. in Computer Science-Artificial Intelligence & Machine Learning |
| 2. | **Modes of Study** | Full Time |
| 3. | **Awarding Institution /Body** | GM University |
| 4. | **Joint Award** | Not Applicable |
| 5. | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6. | **Date of Program Specifications** | Nov -2023 |
| 7. | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8. | **Next Review Date:** | --- |
| 9. | **Program Approving Regulating Body and Date of Approval** | --- |
| 10. | **Program Accredited Body and Date of Accreditation** | --- |
| 11. | **Grade Awarded by the Accreditation Body** | --- |
| 12. | **Program Accreditation Validity** | --- |
| 13. | **Program Benchmark** | N/A |

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| 14. | The Bachelor's program in Computer Science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems (B.Tech. Computer Science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems) offers a comprehensive and innovative education for students aspiring to excel in the dynamic field of computer science, software engineering, and the strategic integration of technology into business operations. This program is meticulously designed to provide students with a robust foundation in both theoretical principles and practical applications of computer science, fostering a deep understanding of creative problem-solving, software design, and advanced technologies in the computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems industry.<br>Over the course of four years, students engage in a well-structured curriculum that seamlessly integrates core engineering principles with specialized courses in computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems. The program adopts a hands-on approach, incorporating software projects, system design, and internships to enable students to apply theoretical knowledge to real-world challenges in computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems.<br>Key areas of study include programming principles, algorithms, data structures, artificial intelligence, machine learning, software development methodologies, computer networks, and the strategic implementation of technology in business environments. Students gain proficiency in using cutting-edge programming languages, development tools, and simulation software, preparing them for the challenges of the contemporary computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems industry.<br>The B.Tech. Computer Science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems program aim to equip graduates for diverse career opportunities across various sectors, with a particular focus on leveraging technology to enhance business processes. Potential career paths encompass roles in technology companies, business enterprises, consulting firms, research and development, and entrepreneurship within the computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems domain.<br>The interdisciplinary nature of computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems opens avenues to explore diverse applications, enabling |

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| | graduates to contribute to advancements in technology, software solutions, and the development of efficient B.Tech.- CS - Artificial Intelligence and Machine Learning Systems. Continuous learning and staying abreast of the latest industry trends are crucial for graduates to thrive in the rapidly evolving field of computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems. The program spans eight semesters, providing a holistic education that prepares students for a successful and impactful career in the dynamic realm of computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems innovation. |
| 15. | **Program Educational Objectives (PEOs)**<br>**PEO-1: Knowledge and Technical Skills**<br>The Bachelor's program in Computer Science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems aims to provide graduates with a robust foundation in computer science and engineering principles, encompassing algorithms, data structures, artificial intelligence, and machine learning. Upon completion, graduates will possess the knowledge and technical skills necessary to analyze, design, implement, and optimize software systems and intelligent solutions. They will be well-equipped to address real-world challenges, particularly in the strategic integration of technology into business processes, fostering efficiency and innovation.<br><br>**PEO-2: Professional Competence and Leadership**<br>To instill technical competencies, practical skills, and leadership abilities in graduates, preparing them for success in the dynamic field of computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems. Graduates will excel in roles within technology companies, business enterprises, consulting firms, research and development, and entrepreneurial ventures within the computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems domain. They will be capable of assuming both technical and leadership positions, contributing to advancements in technology and innovation, with a specific focus on leveraging technology for strategic business success.<br><br>**PEO-3: Holistic Development and Adaptability**<br>The program aims to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross-cultural interaction skills. Graduates will demonstrate the ability to adapt to evolving professional environments, ensuring they contribute |

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| | effectively to the dynamic and challenging field of computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems. The interdisciplinary nature of the program prepares graduates for diverse career trajectories, fostering holistic development and lifelong learning.<br>The overarching goal of the B.Tech. In Computer Science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems is to produce graduates who are well-prepared to meet the challenges of the dynamic computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems industry, contribute to technological advancements, and make a positive impact on strategic business processes and society. |
| 16. | **Program Outcomes (POs) (Graduate Attributes)**<br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.<br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.<br>**PO-3:** Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.<br>**PO-4:** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.<br>**PO-5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.<br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.<br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.<br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. |

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| | **PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.<br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.<br>**PO-12:** Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. |
| 17. | **Program Specific Outcomes (PSOs):**<br><br>**PSO-1: Analyze and Address B.Tech.- CS - Artificial Intelligence and Machine Learning Systems Challenges**<br>Graduates will demonstrate the ability to analyze complex computational requirements specific to B.Tech.- CS - Artificial Intelligence and Machine Learning Systems, identify challenges, and articulate problems with necessary specifications. Leveraging their understanding of computer science principles within the B.Tech.- CS - Artificial Intelligence and Machine Learning Systems context, graduates will deliver innovative solutions, addressing issues related to software development, algorithm design, and computational applications in the B.Tech.- CS - Artificial Intelligence and Machine Learning Systems domain.<br><br>**PSO-2: Apply B.Tech.- CS - Artificial Intelligence and Machine Learning Systems Concepts in System Development**<br>Graduates will be equipped to envision, model, design, implement, and test software systems and computational solutions in the context of B.Tech.- CS - Artificial Intelligence and Machine Learning Systems. They will demonstrate proficiency in addressing technical challenges within the field of computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems, utilizing their knowledge of algorithms, data structures, and software development methodologies to create efficient, reliable, and innovative applications tailored to business needs. |

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| | **PSO-3: Conduct and Lead Experimental Validation in B.Tech.- CS - Artificial Intelligence and Machine Learning Systems**<br>After completing the program, graduates will showcase the capability to strategize, coordinate, and execute experiments for the validation and verification of B.Tech.- CS - Artificial Intelligence and Machine Learning Systems and solutions. They will adeptly use laboratory techniques and software tools for designing and simulating computational processes, emphasizing the importance of addressing challenges specific to B.Tech.- CS - Artificial Intelligence and Machine Learning Systems. Graduates will be prepared to assume leadership roles in research projects, effectively managing teams and resources in the context of computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems.<br><br>These Program Specific Outcomes are tailored to ensure that graduates are not only well-versed in the theoretical aspects of computer science and engineering but also possess the practical skills and leadership qualities required to make meaningful contributions in the specialized field of computer science and B.Tech.- CS - Artificial Intelligence and Machine Learning Systems. The outcomes emphasize the application of computer science principles in addressing real-world challenges and the development of innovative solutions in the realm of B.Tech.- CS - Artificial Intelligence and Machine Learning Systems. |

**Programme Structure**

18. **Definition of Credit**:

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|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl.No. | Program -Category | Credits |
|---|---|---|
| 1. | Program-Core courses, elective Courses, open electives | 130 |
| 2. | Technical Competency | 10 (SDTCD) |
| 3. | Life Skills | 3(CASP) |
| 4. | Innovation and Entrepreneurial Skills | 3(CIPI) |

| | | |
|---|---|---|
| 5. | Environmental Awareness and Community Services | 3(SA) |
| 6. | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7. | Cultural & Literary Activities | 3(SA) |
| 8. | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9. | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

18. Courses and Credits:

| **Semester-1** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1101 | Foundational Mathematics for Computer Science | 3 |
| 2. | UE24CS1102 | Analog & Digital Fundamentals | 3 |
| 3. | UE24CS1103 | Advanced Materials Integration in Computing Technology | 3 |
| 4. | UE24CS1104 | Problem Solving through C Programming | 3 |
| 5. | UE24CS1105 | Web Designing & Programming | 3 |
| 6. | UE24CS1106 | Project Based Learning / mini project on Web Designing | 2 |
| 7. | SDTCD | Technical Competency | 0 |
| 8. | CASP | Life Skills | 0 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10. | SA | Environmental Awareness and Community Services | 0 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12. | SA | Cultural & Literary Activities | 0 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 0 |
| **Total** | | | **17** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1201 | Applied Mathematics for Computer Science | 3 |
| 2. | UE24CS1202 | Applied Physics for CSE | 3 |
| 3. | UE24CS1203 | Data Structures & Applications | 3 |
| 4. | UE24CS1204 | Python Programming | 3 |
| 5. | UE24CS1205 | Fundamentals of Computer Networks | 3 |
| 6. | UE24CS1206 | Fundamentals of DBMS | 3 |
| 7. | UE24CS1207 | Project Based Learning / mini project | 2 |
| 8. | SDTCD | Technical Competency | 2 |
| 9. | CASP | Life Skills | 1 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 11. | SA | Environmental Awareness and Community Services | 1 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13. | SA | Cultural & Literary Activities | 0 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15. | CASP | Placement Training | 0 |
| **Total** | | | **24** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2301 | Algorithm Design and Complexity Analysis | 4 |
| 2. | UE24CS2302 | Internet of Things | 3 |
| 3. | UE24CS2303 | Object Oriented Programming | 3 |
| 4. | UE24CS2304 | Computer Organization and Architecture | 3 |
| 5. | UE24CS2305 | Operating System Concepts | 3 |
| 6. | UE24CS2306 | Project Based Learning / mini project | 2 |
| 7. | SDTCD | Technical Competency | 2 |
| 8. | CASP | Life Skills | 1 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10. | SA | Environmental Awareness and Community Services | 1 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 1 |
| 12. | SA | Cultural & Literary Activities | 0 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 1 |
| **Total** | | | **24** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2401 | Machine Learning | 3 |
| 2. | UE24CS2402 | Data Mining & Data Warehousing | 3 |
| 3. | UE24CS2403 | Discrete Structures for Computing | 2 |
| 4. | UE24CS2404 | Advanced DBMS and PL/Sql | 3 |
| 5. | UE24CS2405 | Automata Theory and Computations | 3 |
| 6. | UE24CS2406 | Project Based Learning / mini project on building a Machine Learning Model | 2 |
| 7. | SDTCD | Technical Competency | 2 |
| 8. | CASP | Life Skills | 1 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 1 |
| 10. | SA | Environmental Awareness and Community Services | 1 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 1 |
| 12. | SA | Cultural & Literary Activities | 1 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 1 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS3501 | Advanced Machine Learning | 3 |
| 2. | UE24CS3502 | Cloud Computing and its Applications | 3 |
| 3. | UE24CS3503 | Text Analytics and NLP | 3 |
| 4. | UE24CS3504 | Generative AI | 3 |
| 5. | UE24AI3505 | Project Based Learning / mini project | 3 |
| 6. | UE24CS35XX | **Professional Elective - 1** | 3 |
| 7. | SDTCD | Technical Competency | 2 |
| 8. | CASP | Life Skills | 0 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10. | SA | Environmental Awareness and Community Services | 0 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 1 |
| 12. | SA | Cultural & Literary Activities | 0 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 1 |
| **Total** | | | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24AI3601 | Human-centered artificial Intelligence | 3 |
| 2. | UE24CS3602 | Optimization Techniques in AI | 3 |
| 3. | UE24CS3603 | Blockchain Technology | 3 |
| 4. | UE24CS3604 | Project Based Learning / mini project on Block Chain | 3 |
| 5. | UE24CS36XX | Professional Elective - 2 | 3 |
| 6. | SDTCD | Technical Competency | 2 |
| 7. | CASP | Life Skills | 0 |
| 8. | CIBI | Innovation and Entrepreneurial Skills | 1 |
| 9. | SA | Environmental Awareness and Community Services | 0 |
| 10. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 11. | SA | Cultural & Literary Activities | 1 |
| 12. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 13. | CASP | Placement Training | 0 |
| **Total** | | | **19** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS4701 | Intellectual Property Rights | 3 |
| 2. | UE24CS4702 | Industry Internship | 4 |
| 3. | UE24CS4703 | Project – 1 | 4 |
| 4. | UE24CS47XX | Open Elective -1 | 3 |
| 5. | SDTCD | Technical Competency | 0 |
| 6. | CASP | Life Skills | 0 |
| 7. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 8. | SA | Environmental Awareness and Community Services | 0 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 10. | SA | Cultural & Literary Activities | 1 |
| 11. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 1 |
| 12. | CASP | Placement Training | 0 |
| **Total** | | | **16** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS4801 | Engineering Project Management | 3 |
| 2. | UE24CS4802 | Project - 2 | 3 |
| 3. | SDTCD | Technical Competency | 6 |
| 4. | CASP | Life Skills | 0 |
| 5. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 6. | SA | Environmental Awareness and Community Services | 1 |
| 7. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 8. | SA | Cultural & Literary Activities | 0 |
| 9. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 1 |
| 10. | CASP | Placement Training | 0 |
| **Total** | | | **14** |

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | Teaching and Learning Methods<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance Shortage is as per the Academic Regulations of B. Tech. Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning andany such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.If marks scored is:<br>a. 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>b. If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>**c. A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass)with a minimum of 40% in each component.**<br>**4.** End of each semester –grade card will be issued with SGPA displayed |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 160 credits, completing a minimum of 130 credits in academic courses (Core, elective, open elective) for the award of the degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:** A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in anycourse over 8 semesters and completing the program within the specified period of 4 years (8 semesters) will<br>be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**26. Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
| - | | | | | | | | | | | | |

## B.Tech. - Computer Science- B.Tech.- AI, BC & Business Systems

### Program Details

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|---|---|
| **Faculty** | Engineering and Technology (FET) |
| **School** | School of Computer Science and Technology (SCST) |
| **Department** | Computer Science- B.Tech.- AI, BC & Business Systems |
| **Program** | B.Tech., Computer Science- B.Tech.- AI, BC & Business Systems |
| **Dean of Faculty** | Dr. S V Prakash |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Head of Department** | Dr. Asha K |

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| 1. | **Title of the Award** | B.Tech. in Computer Science- B.Tech.- AI, BC & Business Systems |
| 2. | **Modes of Study** | Full Time |
| 3. | **Awarding Institution /Body** | GM University |
| 4. | **Joint Award** | Not Applicable |
| 5. | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6. | **Date of Program Specifications** | March -2025 |
| 7. | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8. | **Next Review Date:** | --- |
| 9. | **Program Approving Regulating Body and Date of Approval** | --- |
| 10. | **Program Accredited Body and Date of Accreditation** | --- |
| 11. | **Grade Awarded by the Accreditation Body** | --- |
| 12. | **Program Accreditation Validity** | --- |
| 13. | **Program Benchmark** | N/A |

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| 14. | The Bachelor's program in Computer Science and B.Tech.- AI, BC & Business Systems (B.Tech. Computer Science and B.Tech.- AI, BC & Business Systems) offers a comprehensive and innovative education for students aspiring to excel in the dynamic field of computer science, software engineering, and the strategic integration of technology into business operations. This program is meticulously designed to provide students with a robust foundation in both theoretical principles and practical applications of computer science, fostering a deep understanding of creative problem-solving, software design, and advanced technologies in the computer science and B.Tech.- AI, BC & Business Systems industry.<br>Over the course of four years, students engage in a well-structured curriculum that seamlessly integrates core engineering principles with specialized courses in computer science and B.Tech.- AI, BC & Business Systems. The program adopts a hands-on approach, incorporating software projects, system design, and internships to enable students to apply theoretical knowledge to real-world challenges in computer science and B.Tech.- AI, BC & Business Systems.<br>Key areas of study include programming principles, algorithms, data structures, artificial intelligence, machine learning, software development methodologies, computer networks, and the strategic implementation of technology in business environments. Students gain proficiency in using cutting-edge programming languages, development tools, and simulation software, preparing them for the challenges of the contemporary computer science and B.Tech.- AI, BC & Business Systems industry.<br>The B.Tech. Computer Science and B.Tech.- AI, BC & Business Systems program aim to equip graduates for diverse career opportunities across various sectors, with a particular focus on leveraging technology to enhance business processes. Potential career paths encompass roles in technology companies, business enterprises, consulting firms, research and development, and entrepreneurship within the computer science and B.Tech.- AI, BC & Business Systems domain.<br>The interdisciplinary nature of computer science and B.Tech.- AI, BC & Business Systems opens avenues to explore diverse applications, enabling graduates to contribute to advancements in technology, software solutions, and the development of efficient B.Tech.- AI, BC & Business Systems. Continuous learning and staying abreast of the latest industry trends are crucial for graduates to thrive in the rapidly evolving field of computer science and B.Tech.- AI, BC & Business Systems. The program spans eight semesters, providing a holistic education that prepares students for a successful and<br>impactful career in the dynamic realm of computer science and B.Tech.- AI, BC & Business Systems innovation. |
| 15. | **Program Educational Objectives (PEOs)**<br>**PEO-1: Knowledge and Technical Skills** |

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| | The Bachelor's program in Computer Science and B.Tech.- AI, BC & Business Systems aims to provide graduates with a robust foundation in computer science and engineering principles, encompassing algorithms, data structures, artificial intelligence, and machine learning. Upon completion, graduates will possess the knowledge and technical skills necessary to analyze, design, implement, and optimize software systems and intelligent solutions. They will be well-equipped to address real-world challenges, particularly in the strategic integration of technology into business processes, fostering efficiency and innovation.<br><br>**PEO-2: Professional Competence and Leadership**<br>To instill technical competencies, practical skills, and leadership abilities in graduates, preparing them for success in the dynamic field of computer science and B.Tech.- AI, BC & Business Systems. Graduates will excel in roles within technology companies, business enterprises, consulting firms, research and development, and entrepreneurial ventures within the computer science and B.Tech.- AI, BC & Business Systems domain. They will be capable of assuming both technical and leadership positions, contributing to advancements in technology and innovation, with a specific focus on leveraging technology for strategic business success.<br><br>**PEO-3: Holistic Development and Adaptability**<br>The program aims to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross-cultural interaction skills. Graduates will demonstrate the ability to adapt to evolving professional environments, ensuring they contribute effectively to the dynamic and challenging field of computer science and B.Tech.- AI, BC & Business Systems. The interdisciplinary nature of the program prepares graduates for diverse career trajectories, fostering holistic development and lifelong learning.<br>The overarching goal of the B.Tech. In Computer Science and B.Tech.- AI, BC & Business Systems is to produce graduates who are well-prepared to meet the challenges of the dynamic computer science and B.Tech.- AI, BC & Business Systems industry, contribute to technological advancements, and make a positive impact on strategic business processes and society. |
| 16. | **Program Outcomes (POs) (Graduate Attributes)**<br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.<br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.<br>**PO-3:** Design/development of solutions: Design solutions for complex engineering problems |

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| | and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.<br>**PO-4:** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.<br>**PO-5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.<br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.<br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.<br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.<br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.<br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.<br>**PO-12:** Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. |
| 17. | **Program Specific Outcomes (PSOs):**<br><br>**PSO-1: Analyze and Address B.Tech.- AI, BC & Business Systems Challenges**<br>Graduates will demonstrate the ability to analyze complex computational requirements specific to B.Tech.- AI, BC & Business Systems, identify challenges, and articulate problems with necessary specifications. Leveraging their understanding of computer science principles within the B.Tech.- AI, BC & Business Systems context, graduates will deliver innovative solutions, addressing issues related to software development, algorithm design, and computational applications in the B.Tech.- AI, BC & Business Systems domain. |

| | |
|---|---|
| | **PSO-2: Apply B.Tech.- AI, BC & Business Systems Concepts in System Development**<br>Graduates will be equipped to envision, model, design, implement, and test software systems and computational solutions in the context of B.Tech.- AI, BC & Business Systems. They will demonstrate proficiency in addressing technical challenges within the field of computer science and B.Tech.- AI, BC & Business Systems, utilizing their knowledge of algorithms, data structures, and software development methodologies to create efficient, reliable, and innovative applications tailored to business needs.<br><br>**PSO-3: Conduct and Lead Experimental Validation in B.Tech.- AI, BC & Business Systems**<br>After completing the program, graduates will showcase the capability to strategize, coordinate, and execute experiments for the validation and verification of B.Tech.- AI, BC & Business Systems and solutions. They will adeptly use laboratory techniques and software tools for designing and simulating computational processes, emphasizing the importance of addressing challenges specific to B.Tech.- AI, BC & Business Systems. Graduates will be prepared to assume leadership roles in research projects, effectively managing teams and resources in the context of computer science and B.Tech.- AI, BC & Business Systems.<br><br>These Program Specific Outcomes are tailored to ensure that graduates are not only well-versed in the theoretical aspects of computer science and engineering but also possess the practical skills and leadership qualities required to make meaningful contributions in the specialized field of computer science and B.Tech.- AI, BC & Business Systems. The outcomes emphasize the application of computer science principles in addressing real-world challenges and the development of innovative solutions in the realm of B.Tech.- AI, BC & Business Systems. |

**Programme Structure**

18. **Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl.No. | Program -Category | Credits |
|---|---|---|
| 1. | Program-Core courses, elective Courses, open electives | 130 |
| 2. | Technical Competency | 10 (SDTCD) |
| 3. | Life Skills | 3(CASP) |
| 4. | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5. | Environmental Awareness and Community Services | 3(SA) |
| 6. | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7. | Cultural & Literary Activities | 3(SA) |
| 8. | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9. | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

18. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE25CS1101 | Foundational Mathematics for Computer Science | 3 |
| 2. | UE25CS1102 | Analog & Digital Fundamentals | 3 |
| 3. | UE25CS1103 | Advanced Materials Integration in Computing Technology | 3 |
| 4. | UE25CS1104 | Problem Solving through C Programming | 3 |
| 5. | UE25CS1105 | Web Designing & Programming | 3 |
| 6. | UE25CS1106 | Project Based Learning / mini project on Web Designing | 2 |
| 7. | SDTCD | Technical Competency | 0 |
| 8. | CASP | Life Skills | 0 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10. | SA | Environmental Awareness and Community Services | 0 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12. | SA | Cultural & Literary Activities | 0 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 0 |
| **Total** | | | **17** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE25CS1201 | Applied Mathematics for Computer Science | 3 |
| 2. | UE25CS1202 | Applied Physics for CSE | 3 |
| 3. | UE25CS1203 | Data Structures & Applications | 3 |
| 4. | UE25CS1204 | Python Programming | 3 |
| 5. | UE25CS1205 | Fundamentals of Computer Networks | 3 |
| 6. | UE25CS1206 | Fundamentals of DBMS | 3 |
| 7. | UE25CS1207 | Project Based Learning / mini project | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15. | CASP | Placement Training | 00 |
| **Total** | | | **24** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE25CS2301 | Algorithm Design and Complexity Analysis | 4 |
| 2. | UE25CS2302 | Internet of Things | 3 |
| 3. | UE25CS2303 | Object Oriented Programming | 3 |
| 4. | UE25CS2304 | Computer Organization and Architecture | 3 |
| 5. | UE25CS2305 | Operating System Concepts | 3 |
| 6. | UE25CS2306 | Project Based Learning / mini project | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE25CS2401 | Machine Learning | 3 |
| 2. | UE25CS2402 | Data Mining & Data Warehousing | 3 |
| 3. | UE25CS2403 | Discrete Structures for Computing | 2 |
| 4. | UE25CS2404 | Advanced DBMS and PL/Sql | 3 |
| 5. | UE25CS2405 | Automata Theory and Computations | 3 |
| 6. | UE25CS2406 | Project Based Learning / mini project on building a Machine Learning Model | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 01 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE25CS3501 | Advanced Machine Learning | 3 |
| 2. | UE25BS3502 | **Fundamentals of Business Management** | 3 |
| 3. | UE25AI3503 | **Artificial Intelligence for Business** | 3 |
| 4. | UE25DS3504 | Computational Statistics | 3 |
| 5. | UE25AI3505 | Project Based Learning / mini project | 3 |
| 6. | UE25A135XX | **Professional Elective - 1** | 3 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 00 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 00 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE25AI3601 | **Optimization Techniques in AI** | 3 |
| 2. | UE25BS3602 | **Supply Chain management** | 4 |
| 3. | UE25CS3603 | **Blockchain Technology** | 4 |
| 4. | UE25DS3604 | Project Based Learning / mini project on Block Chain | 3 |
| 5. | UE25AI36XX | Professional Elective - 2 | 3 |
| 6. | SDTCD | Technical Competency | 02 |
| 7. | CASP | Life Skills | 00 |
| 8. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 9. | SA | Environmental Awareness and Community Services | 00 |
| 10. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | SA | Cultural & Literary Activities | 01 |
| 12. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13. | CASP | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE25CS4701 | Intellectual Property Rights | 3 |
| 2. | UE25CS4702 | Industry Internship | 3 |
| 3. | UE25CS4703 | Project – 1 | 4 |
| 4. | UE25CS47XX | Open Elective -1 | 4 |
| 5. | SDTCD | Technical Competency | 00 |
| 6. | CASP | Life Skills | 00 |
| 7. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 8. | SA | Environmental Awareness and Community Services | 00 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10. | SA | Cultural & Literary Activities | 01 |
| 11. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12. | CASP | Placement Training | 00 |
| **Total** | | | **16** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE25CS4801 | Engineering Project Management | 3 |
| 2. | UE25CS4802 | Project - 2 | 3 |
| 3. | SDTCD | Technical Competency | 6 |
| 4. | CASP | Life Skills | 00 |
| 5. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 6. | SA | Environmental Awareness and Community Services | 01 |
| 7. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8. | SA | Cultural & Literary Activities | 00 |
| 9. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 00 |
| 10. | CASP | Placement Training | 01 |
| **Total** | | | **12** |

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|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | Teaching and Learning Methods<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance Shortage is as per the Academic Regulations of B. Tech. Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning andany such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.If marks scored is:<br>a. 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>b. If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register orregister for a different elective course) and earn the required credits<br>**c. A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass)with a minimum of 40% in each component.**<br>**4.** End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 160 credits, completing a minimumof 130 credits in academic courses (Core, elective, open elective) for the award of the degree.**<br>**Award of Degree Certificate:** |

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| | Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in anycourse over 8 semesters and completing the program within the specified period of 4 years (8 semesters) will<br>be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**26. Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
| - | | | | | | | | | | | | |

## B.Tech. – Information Science and Engineering

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Engineering and Technology (FET) |
| **School** | School of Computer Science and Technology (SCST) |
| **Department** | Information Science and Engineering |
| **Program** | B.Tech., Information Science and Engineering |
| **Dean of Faculty** | Dr. G M Patil |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Head of Department** | Dr. Neelambike S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B.Tech. in Information Science and Engineering |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor's program in Information Science and Engineering (B.Tech. Information Science and Engineering) offers a comprehensive and innovative education for students aspiring to excel in the dynamic field of information science, data engineering, and intelligent systems. This program is meticulously designed to provide students with a strong foundation in both theoretical principles and practical applications of information science, fostering a deep understanding of creative problem-solving, data management, and emerging technologies in the information science industry. | |

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|---|---|
| | Over the course of four years, students engage in a well-structured curriculum that seamlessly integrates core engineering principles with specialized courses in information science and engineering. The program adopts a hands-on approach, incorporating projects, system design, and internships to enable students to apply theoretical knowledge to real-world challenges in information science.<br><br>Key areas of study include data structures, algorithms, database management systems, information retrieval, machine learning applications in information science, and ethical data practices. Students also gain proficiency in using cutting-edge programming languages, database tools, and analytics software, preparing them for the challenges of the contemporary information science industry.<br><br>The B.Tech. Information Science and Engineering program aim to equip graduates for diverse career opportunities across various sectors, including data engineering, information management, data analytics, and smart technologies. Potential career paths encompass roles in technology companies, information industries, research and development, and entrepreneurship within the information science domain.<br><br>The interdisciplinary nature of information science opens avenues to explore diverse applications, enabling graduates to contribute to advancements in technology, intelligent systems, and data-driven solutions. Continuous learning and staying abreast of the latest industry trends are crucial for graduates to thrive in the rapidly evolving field of information science. The program spans eight semesters, providing a holistic education that prepares students for a successful and impactful career in the dynamic realm of information science and engineering innovation. |
| 15 | Program Educational Objectives (PEOs)<br>**PEO-1**: Knowledge and Technical Skills<br>The Bachelor's program in Information Science and Engineering aims to provide graduates with a robust foundation in information science principles, including data structures, algorithms, database management systems, information retrieval, and machine learning applications. Upon completion, graduates will possess the knowledge and technical skills necessary to analyze, design, implement, and optimize information systems and intelligent solutions. They will be well-equipped to address real-world challenges in diverse sectors, including data engineering, information management, analytics, and emerging technologies.<br><br>**PEO-2**: Professional Competence and Leadership<br>To instill technical competencies, practical skills, and leadership abilities in graduates, preparing them for |

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|---|---|
| | success in the dynamic field of information science and engineering. Graduates will excel in roles within technology companies, information industries, research and development, and entrepreneurial ventures within the information science domain. They will be capable of assuming both technical and leadership positions, contributing to advancements in technology and innovation. The program emphasizes the development of professionals who can lead and drive positive change in the evolving landscape of information science and engineering.<br><br>**PEO-3**: Holistic Development and Adaptability<br>The program aims to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross-cultural interaction skills. Graduates will demonstrate the ability to adapt to evolving professional environments, ensuring they contribute effectively to their respective fields. The interdisciplinary nature of information science prepares graduates for diverse career trajectories, fostering holistic development and lifelong learning.<br><br>The overarching goal of the B.Tech. in Information Science and Engineering is to produce graduates who are well-prepared to meet the challenges of the dynamic information science industry, contribute to technological advancements, and make a positive impact on society. |
| 16 | **Program Outcomes (POs) (Graduate Attributes)**<br><br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.<br><br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.<br><br>**PO-3:** Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the publichealth and safety, and the cultural, societal, and environmental considerations.<br><br>**PO-4:** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions. |

| | |
|---|---|
| | **PO-5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.<br><br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.<br><br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.<br><br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.<br><br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.<br><br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br><br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.<br><br>**PO-12:** Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. |
| 17 | **Program Specific Outcomes (PSOs):**<br>Upon successful completion of the Bachelor's program in Information Science and Engineering, graduates will possess the capability to:<br>**PSO-1**: Analyze and Address Information Science Challenges<br>Graduates will demonstrate the ability to analyze complex requirements in information science, identify challenges, and articulate problems with necessary specifications. Leveraging their understanding of information science principles, graduates will deliver innovative solutions, addressing issues in areas such as data engineering, information retrieval, and intelligent systems. |

| | |
|---|---|
| | **PSO-2**: Apply Information Science Concepts in System Development<br>Graduates will be equipped to envision, model, design, implement, and test information systems and solutions. They will demonstrate proficiency in addressing technical challenges within the field of information science, utilizing their knowledge of data structures, algorithms, and information management methodologies to create efficient, reliable, and innovative applications.<br><br>**PSO-3**: Conduct and Lead Experimental Validation in Information Science<br>After completing the program, graduates will showcase the capability to strategize, coordinate, and execute experiments for the validation and verification of information systems and solutions. They will adeptly use laboratory techniques and software tools for designing and simulating information processes, and will be prepared to assume leadership roles in research projects, effectively managing teams and resources in the context of information science.<br><br>These Program Specific Outcomes are tailored to ensure that graduates are not only well-versed in the theoretical aspects of information science but also possess the practical skills and leadership qualities required to make meaningful contributions in the field. The outcomes emphasize the application of information science principles in addressing real-world challenges and the development of innovative solutions in the realm of information science and engineering. |

**Programme Structure**

A. **Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl.No. | Program -Category | Credits |
|---|---|---|
| 1. | Program-Core courses, elective Courses, open electives | 130 |
| 2. | Technical Competency | 10 (SDTCD) |
| 3. | Life Skills | 3(CASP) |
| 4. | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5. | Environmental Awareness and Community Services | 3(SA) |
| 6. | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7. | Cultural & Literary Activities | 3(SA) |
| 8. | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9. | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

18. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1101 | Foundational Mathematics for Computer Science | 3 |
| 2. | UE24CS1102 | Analog & Digital Fundamentals | 3 |
| 3. | UE24CS1103 | Advanced Materials Integration in Computing Technology | 3 |
| 4. | UE24CS1104 | Problem Solving through C Programming | 3 |
| 5. | UE24CS1105 | Web Designing & Programming | 3 |
| 6. | UE24CS1106 | Project Based Learning / mini project on Web Designing | 2 |
| 7. | SDTCD | Technical Competency | 0 |
| 8. | CASP | Life Skills | 0 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10. | SA | Environmental Awareness and Community Services | 0 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12. | SA | Cultural & Literary Activities | 0 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 0 |
| **Total** | | | **17** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1201 | Applied Mathematics for Computer Science | 3 |
| 2. | UE24CS1202 | Applied Physics for CSE | 3 |
| 3. | UE24CS1203 | Data Structures & Algorithms | 3 |
| 4. | UE24CS1204 | Python Programming | 3 |
| 5. | UE24CS1205 | Fundamentals of Computer Networks | 3 |
| 6. | UE24CS1206 | Fundamentals of DBMS | 3 |
| 7. | UE24CS1208 | Project Based Learning / mini project | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15. | CASP | Placement Training | 00 |
| **Total** | | | **24** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2301 | Algorithm Design and Complexity Analysis | 4 |
| 2. | UE24CS2302 | Internet of Things | 3 |
| 3. | UE24CS2303 | Object Oriented Programming | 3 |
| 4. | UE24CS2304 | Computer Organization and Digital Circuits/Architecture | 3 |
| 5. | UE24CS2305 | Operating System Concepts | 3 |
| 6. | UE24CS2306 | Project Based Learning / mini project on Management & Entrepreneurship | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2401 | Machine Learning | 3 |
| 2. | UE24CS2402 | Data Mining & Data Warehousing | 3 |
| 3. | UE24CS2403 | Discrete Structures for Computing | 2 |
| 4. | UE24CS2405 | Advanced DBMS + NoSql | 3 |
| 5. | UE24CS2406 | Automata Theory and Compiler Design | 3 |
| 6. | UE24CS2408 | Project Based Learning / mini project on building a Machine Learning Model | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 01 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IS3501 | **Decision Support System** | 3 |
| 2. | UE24CS3502 | Cloud Computing and its Applications | 3 |
| 3. | UE24IS3503 | **Information Network Security** | 3 |
| 4. | UE24IS3504 | **File Structure** | 3 |
| 5. | UE24IS3505 | Project Based Learning / mini project on File Structure | 3 |
| 6. | UE24CS35XX | **Professional Elective - 1** | 3 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 00 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 00 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar /Conference /Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IS3601 | **Storage Area Network** | 3 |
| 2. | UE24IS3602 | **Big Data Analytics** | 3 |
| 3. | UE24IS3603 | Social Network Analysis | 3 |
| 4. | UE24DS3604 | Project Based Learning / mini project on DevOps | 3 |
| 5. | UE24DS36XX | Professional Elective - 2 | 3 |
| 6. | SDTCD | Technical Competency | 02 |
| 7. | CASP | Life Skills | 00 |
| 8. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 9. | SA | Environmental Awareness and Community Services | 00 |
| 10. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | SA | Cultural & Literary Activities | 01 |
| 12. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 00 |
| 13. | CASP | Placement Training | 00 |
| **Total** | | | **19** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS4701 | Intellectual Property Rights | 3 |
| 2. | UE24CS4702 | Industry Internship | 3 |
| 3. | UE24CS4703 | Project - 1 | 4 |
| 4. | UE24CS47XX | Open Elective -1 | 4 |
| 5. | SDTCD | Technical Competency | 00 |
| 6. | CASP | Life Skills | 00 |
| 7. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 8. | SA | Environmental Awareness and Community Services | 00 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10. | SA | Cultural & Literary Activities | 00 |
| 11. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12. | CASP | Placement Training | 00 |
| **Total** | | | **16** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IY4801 | Engineering Project Management | 3 |
| 2. | UE24CS4802 | Project - 2 | 3 |
| 3. | UE24CS48XX | Open Elective -2 | 6 |
| 4. | SDTCD | Technical Competency | 00 |
| 5. | CASP | Life Skills | 00 |
| 6. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 7. | SA | Environmental Awareness and Community Services | 00 |
| 8. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9. | SA | Cultural & Literary Activities | 00 |
| 10. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 01 |
| 11. | CASP | Placement Training | 00 |
| **Total** | | | **14** |

List of Professional Electives offered for 5th Semester

| Sl | Course Code | Course Title | Credits |
|---|---|---|---|
| 1. | UE24CS3540 | Devops Essential | 3 |
| 2. | UE24CS3541 | Principles of Artificial Intelligence | 3 |
| 3. | UE24CS3542 | Software Engineering | 3 |
| 4. | UE24CS3543 | Ethical Hacking | 3 |
| 5. | UE24CS3544 | Information Network Security | 3 |
| 6. | UE24CS3545 | Advanced Cryptography | 3 |

List of Professional Electives offered for 6th Semester

| Sl | Course Code | Course Title | Credits |
|---|---|---|---|
| 1. | UE24CS3640 | Wireless Adhoc Networks | 3 |
| 2. | UE24CS3641 | Malware Analysis | 3 |
| 3. | UE24CS3642 | Sensor and Sensing Systems | 3 |
| 4. | UE24CS3643 | Security threat and Vulnerability | 3 |
| 5. | UE24CS3644 | Data wrangling using Python | 3 |
| 6. | UE24CS3645 | Cyber Security and Secure Systems | 3 |

List of Open Electives offered for 7th Semester

| Sl | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24CS4780 | M& E | 2 |
| 2 | UE24CS4781 | Biology of Enginers | 2 |
| 3 | UE24CS4782 | Nano Technology | 2 |

List of Open Electives offered for 8th Semester

| Sl | Course Code | Course Title | Credits |
|---|---|---|---|
| 1. | UE24CS4880 | Renewable Energy Resources | 2 |
| 2. | UE24CS4881 | Agricultural Robotics | 2 |
| 3. | UE24CS4882 | Occupational Health & Safety | 2 |

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B. Tech. Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 160 credits, completing a minimum of 130 credits in academic courses (Core, elective, open elective) for the award of the degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 8 semester and completing the program within the specified period of 4 years (8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>**9.** Course Assessment Board (CAB)<br>**10.** Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
| - | | | | | | | | | | | | |
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**B.Tech. - Computer Science -Information Security**

## Program Details

| | |
|---|---|
| **Faculty** | Engineering and Technology (FET) |
| **School** | School of Computer Science and Technology (SCST) |
| **Department** | Computer Science - Information Security |
| **Program** | B.Tech., Computer Science - Information Security |
| **Dean of Faculty** | Dr. G M Patil |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Head of Department** | Dr. B N Veerappa |

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|---|---|---|
| 1. | **Title of the Award** | B.Tech. in Computer Science - Information Security |
| 2. | **Modes of Study** | Full Time |
| 3. | **Awarding Institution /Body** | GM University |
| 4. | **Joint Award** | Not Applicable |
| 5. | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6. | **Date of Program Specifications** | November -2023 |
| 7. | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8. | **Next Review Date:** | --- |
| 9. | **Program Approving Regulating Body and Date of Approval** | --- |
| 10. | **Program Accredited Body and Date of Accreditation** | --- |
| 11. | **Grade Awarded by the Accreditation Body** | --- |
| 12. | **Program Accreditation Validity** | --- |
| 13. | **Program Benchmark** | N/A |

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| 14. | **Program Overview for Compute Science -Information Security**<br>The Bachelor's program in Computer Science and Information Security (B.Tech. Computer Science and Information Security) delivers a comprehensive and forward-looking education for students aspiring to excel in the dynamic convergence of computer science, software engineering, and the crucial domain of information security. Meticulously crafted, the program aims to provide students with a robust foundation in both theoretical principles and practical applications of computer science, nurturing a profound understanding of creative problem-solving, software design, and cutting-edge technologies in the computer science and information security industry.<br><br>Over the span of four years, students immerse themselves in a meticulously structured curriculum that seamlessly blends core engineering principles with specialized courses in computer science and information security. The program employs a hands-on approach, integrating software projects, system design, and internships to empower students to apply theoretical knowledge to real-world challenges in computer science and information security.<br><br>Key areas of study encompass programming principles, algorithms, data structures, artificial intelligence, machine learning, software development methodologies, computer networks, and specialized information security techniques. Proficiency is developed in using leading programming languages, development tools, and simulation software, ensuring graduates are well-prepared for the complexities of the contemporary computer science and information security industry.<br><br>The B.Tech. Computer Science and Information Security program aim to equip graduates for diverse career opportunities across various sectors, with a specific focus on securing information systems and networks. Potential career paths encompass roles in technology companies, information security firms, government agencies, research and development, and entrepreneurship within the computer science and information security domain.<br><br>The interdisciplinary nature of computer science and information security provides avenues to explore diverse applications, enabling graduates to contribute to technological advancements, innovative software solutions, and the development of secure systems. Emphasizing continuous learning and staying abreast of the latest industry trends, the program ensures graduates thrive in the rapidly evolving field of |

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| | computer science and information security. Spanning eight semesters, the program delivers a holistic education that readies students for a successful and impactful career in the dynamic realm of computer science and information security innovation. |
| 15. | **Program Educational Objectives (PEOs) for Computer Science - Information Security**<br>**PEO-1: Knowledge and Technical Skills:** The Bachelor's program in Computer Science and Information Security strives to furnish graduates with a strong foundation in computer science and engineering principles, covering algorithms, data structures, artificial intelligence, and machine learning. Post-completion, graduates will possess the knowledge and technical skills requisite for analyzing, designing, implementing, and optimizing software systems and intelligent solutions. Their competencies will extend to addressing real-world challenges, especially in the realm of information security, ensuring the confidentiality, integrity, and availability of information systems and networks.<br>**PEO-2: Professional Competence and Leadership** Our program is dedicated to instilling in graduates the technical expertise, practical skills, and leadership acumen essential for success in the dynamic and critical field of computer science and information security. Graduates will excel in various roles within technology companies, information security firms, research and development, and entrepreneurial ventures within the broad spectrum of the computer science domain. Theywill be adept at assuming both technical and leadership positions, contributing significantly to technological advancements and innovation, with a specific emphasis on securing information systems.<br>**PEO-3: Holistic Development and Adaptability** The program aspires to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross-cultural interactionskills. Graduates will showcase their ability to adapt to evolving professional environments, ensuring they contribute effectively to the dynamic and challenging field of computer science and information security. The interdisciplinary nature of the program is designed to prepare graduates for diverse career trajectories, fostering holistic development and a commitment to lifelong learning.<br>The overarching goal of the B.Tech. in Computer Science and Information Security is to produce graduates who are well-prepared to tackle the challenges of the dynamic computer science and information security industry.They are poised to contribute to technological advancements, enhance innovation, and positively impact the<br>security of information systems and society. |

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| 16. | **Program Outcomes (POs) (Graduate Attributes)**<br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.<br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.<br>**PO-3:** Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the publichealth and safety, and the cultural, societal, and environmental considerations.<br>**PO-4:** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.<br>**PO-5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.<br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.<br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.<br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.<br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.<br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering andmanagement principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. |

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| | **PO-12:** Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. |
| 17. | **Program Specific Outcomes (PSOs):**<br>**PSO-1: Analyze and Address Information Security Challenges** Graduates will exhibit the ability to analyze intricate computational requirements specific to information security, identify challenges, and precisely articulate problems with necessary specifications. Employing their comprehension of computer science principles within the information security context, graduates will deliver inventive solutions, focusing on issues related to secure software development, algorithm design, and computational applications in the information security domain.<br>**PSO-2: Apply Information Security Concepts in System Development** Graduates will be proficient in envisioning, modeling, designing, implementing, and testing secure software systems and computational solutions. They will demonstrate expertise in addressing technical challenges within the field of computer science and information security, utilizing their knowledge of algorithms, data structures, and secure software development methodologies to create efficient, reliable, and innovative applications with a specific focus on information security measures.<br>**PSO-3: Conduct and Lead Experimental Validation in Information Security** Upon program completion, graduates will demonstrate the capability to strategize, coordinate, and execute experiments for the validation and verification of information security systems and solutions. They will adeptly use laboratory techniques and software tools for designing and simulating secure computational processes, emphasizing the importance of information security measures. Graduates will be well-prepared to assume leadership roles in research projects, effectively managing teams and resources in the context of computer science and information security.<br>These Program Specific Objectives are crafted to ensure that graduates are not only well-versed in the theoretical aspects of computer science and engineering but also possess the practical skills and leadership qualities required to make meaningful contributions in the specialized field of computer science and information security. The objectives underscore the application of computer science principles in addressing real-world challenges and the development of innovative and secure solutions in the realm of information security. |

**Programme Structure**

18. **Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl.No. | Program -Category | Credits |
|---|---|---|
| 1. | Program-Core courses, elective Courses, open electives | 130 |
| 2. | Technical Competency | 10 (SDTCD) |
| 3. | Life Skills | 3(CASP) |
| 4. | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5. | Environmental Awareness and Community Services | 3(SA) |
| 6. | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7. | Cultural & Literary Activities | 3(SA) |
| 8. | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9. | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

18. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1101 | Foundational Mathematics for Computer Science | 3 |
| 2. | UE24CS1102 | Analog & Digital Fundamentals | 3 |
| 3. | UE24CS1103 | Smart Materials and Devices for Computer Science | 3 |
| 4. | UE24CS1104 | Data Analytics | 2 |
| 5. | UE24CS1105 | Problem Solving through C Programming | 3 |
| 6. | UE24CS1106 | Web Designing & Programming | 3 |
| 7. | UE24CS1108 | Capstone Project on Web Designing | 2 |
| 8. | SDTCD | Technical Competency | 0 |
| 9. | CASP | Life Skills | 0 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 11. | SA | Environmental Awareness and Community Services | 0 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13. | SA | Cultural & Literary Activities | 0 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15. | CASP | Placement Training | 0 |
| **Total** | | | **19** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1201 | Applied Mathematics for Computer Science | 3 |
| 2. | UE24CS1202 | Applied Physics for CSE | 3 |
| 3. | UE24CS1203 | Data Structures & Algorithms | 3 |
| 4. | UE24CS1204 | Python Programming | 3 |
| 5. | UE24CS1205 | Fundamentals of Computer Networks | 2 |
| 6. | UE24CS1206 | Fundamentals of DBMS | 2 |
| 7. | UE24CS1208 | Capstone Project | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15. | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2301 | Management and Entrepreneurship | 2 |
| 2. | UE24CS2302 | Algorithm Design and Complexity Analysis | 3 |
| 3. | UE24CS2303 | Internet of Things | 2 |
| 4. | UE24CS2304 | Object Oriented Programming | 3 |
| 5. | UE24CS2305 | Computer Organization and Digital Circuits/Architecture | 3 |
| 6. | UE24CS2306 | Operating System Concepts | 3 |
| 7. | UE24CS2308 | Capstone: Case Study on Management & Entrepreneurship | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2401 | Machine Learning | 3 |
| 2. | UE24CS2402 | Data Mining & Data Warehousing | 3 |
| 3. | UE24CS2403 | Discrete Structures for Computing | 2 |
| 4. | UE24CS2405 | Advanced DBMS + NoSql | 3 |
| 5. | UE24CS2406 | Automata Theory and Compiler Design | 3 |
| 6. | UE24CS2408 | Capstone project on building a Machine Learning Model | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 01 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| 15. | UE24CS2401 | Machine Learning | 3 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IY3501 | **Cryptography and Network Security** | 3 |
| 2. | UE24IY3502 | **Data Privacy** | 3 |
| 3. | UE24IY3503 | **Malware Analysis** | 3 |
| 4. | UE24IY3504 | **Digital Forensics** | 3 |
| 5. | UE24CY3505 | **Web Application & Database Security** | 3 |
| 6. | UE24IY3508 | **Capstone project on Cryptography and Network Security** | 3 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 00 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 00 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IY3601 | **Cyber forensics and Investigation** | 3 |
| 2. | UE24IY3602 | **Digital water Marking and Steganography** | 4 |
| 3. | UE24IY3603 | **Information Security Management** | 4 |
| 4. | UE24IY3604 | **Security threat and Vulnerability** | 3 |
| 5. | UE24IY3608 | Capstone Project on Information Security Management | 3 |
| 6. | SDTCD | Technical Competency | 02 |
| 7. | CASP | Life Skills | 00 |
| 8. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 9. | SA | Environmental Awareness and Community Services | 00 |
| 10. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | SA | Cultural & Literary Activities | 01 |
| 12. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13. | CASP | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS4701 | Software Engineering | 3 |
| 2. | UE24CS4702 | Intellectual Property Rights | 3 |
| 3. | UE24CS4703 | Industry Internship | 4 |
| 4. | UE24CS4705 | Project - 1 | 4 |
| 5. | SDTCD | Technical Competency | 00 |
| 6. | CASP | Life Skills | 00 |
| 7. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 8. | SA | Environmental Awareness and Community Services | 00 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10. | SA | Cultural & Literary Activities | 00 |
| 11. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12. | CASP | Placement Training | 00 |
| **Total** | | | **16** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24IY4801 | Engineering Project Management | 4 |
| 2. | UE24CS4805 | Project - 2 | 6 |
| 3. | SDTCD | Technical Competency | 00 |
| 4. | CASP | Life Skills | 00 |
| 5. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 6. | SA | Environmental Awareness and Community Services | 00 |
| 7. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8. | SA | Cultural & Literary Activities | 00 |
| 9. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 01 |
| 10. | CASP | Placement Training | 00 |
| **Total** | | | **12** |

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| 19 | **Program Delivery and Program Attainment**<br><br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | Teaching and Learning Methods<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance<br>shortage is as per the Academic Regulations of B. Tech. Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning andany such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.If marks scored is:<br>a. 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61- |

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| | 70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>b. If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register orregister for a different elective course) and earn the required credits<br>**c. A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass)with a minimum of 40% in each component.**<br>**4.** End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 160 credits, completing a minimumof 130 credits in academic courses (Core, elective, open elective) for the award of the degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in anycourse over 8 semesters and completing the program within the specified period of 4 years (8 semesters) will<br>be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes |

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| | 2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**26. Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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**B.Tech. -Computer Science – Data Science**

**Program Details**

| | |
|---|---|
| **Faculty** | Engineering and Technology(FET) |
| **School** | School of Computer Science and Technology(SCST) |
| **Department** | Computer Science and Engineering |
| **Program** | B.Tech., Computer Science-Data Science |
| **DeanofFaculty** | Dr. S V Prakash |
| **DirectorofSchool** | Dr. Sanjay Pande M.B. |
| **Program Coordinator** | Mr. Firoz khan |

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|---|---|---|
| 1. | **Title of the Award** | B.Tech.in Computer Science-Data Science |
| 2. | **Modes of Study** | Full Time |
| 3. | **Awarding Institution/Body** | GM University |
| 4. | **Joint Award** | Not Applicable |
| 5. | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6. | **Date of Program Specifications** | November-2023 |
| 7. | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8. | **Next Review Date:** | --- |
| 9. | **Program Approving Regulating Body and Date of Approval** | --- |
| 10. | **Program Accredited Body and Date of Accreditation** | --- |
| 11. | **Grade Awarded by the Accreditation Body** | --- |
| 12. | **Program Accreditation Validity** | --- |
| 13. | **Program Benchmark** | N/A |

**Programme Structure**

14. **Definition of Credit**:

| | |
|---|---|
| 1Hr.Lecture(L)per week | 1Credit |
| 2Hr.Tutorial(T)per week | 1Credit |
| 2Hr.Practical(P)per week | 1Credit |

| Sl. No. | Program-Category | Credits |
|---|---|---|
| 1. | Program-Core courses, elective Courses, open electives | 130 |
| 2. | Technical Competency | 10(SDTCD) |
| 3. | Life Skills | 3(CASP) |
| 4. | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5. | Environmental Awareness and Community Services | 3(SA) |
| 6. | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7. | Cultural & Literary Activities | 3(SA) |
| 8. | Co-CurricularActivities(Seminar/Conference/Exhibition/TechnicalCompetition) | 2(SA&SP) |
| 9. | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

15 **ProgramOverviewforComputer Science-Data Science**

The Bachelor's program in Computer Science - Data Science (B.Tech. Computer Science - Data Science) offers an all-encompassing and innovative education for students driven to excel in the dynamic field of computer science, data engineering, and intelligent systems. This program is meticulously crafted to provide students with a robust foundation in both theoretical principles and practical applications of computer science, with a specializedfocusondatascience,fosteringaprofoundunderstandingofcreativeproblem-solving,data analytics,andemergingtechnologiesinthecomputerscienceindustry.

Over the course of four years, students engage in a well-structured curriculum that seamlessly integratescore engineering principles with specialized courses in computer science and data science. The program emphasizes a hands-on approach, integrating projects, system design, and internships to empower students to apply theoretical knowledge to real-world challenges in computer science and data science.

Key areas of study include fundamental computer science concepts, data structures,

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| | algorithms, database managementsystems,dataanalytics,machinelearning applications,andethical datapractices. Studentsalso gain proficiency in utilizing cutting-edge programming languages, database tools, and analytics software, preparing them for the challenges of the contemporary computer science and data science industry.<br><br>The B.Tech. Computer Science - Data Science program aims to equip graduates for diverse career opportunities across various sectors, including data engineering, information management, data analytics, and intelligent systems. Potential career paths encompass roles in technology companies, data-driven industries, research and development, and entrepreneurship within the computer science and data science domain.<br><br>The interdisciplinary nature of the program opens avenues for exploring diverse applications, enabling graduates to contribute to advancements in technology, intelligent systems, and data-driven solutions. Continuous learning and staying abreast of the latest industry trends are essential for graduates to thrive in the rapidly evolving field of computer science and data science. The program spans eight semesters, providing a holistic education that prepares students for a successful and impactful career in the dynamic realm of computer science and data science innovation. |
| 16 | **ProgramEducationalObjectives(PEOs)forComputer Science -Data Science**<br>The Bachelor's program in Computer Science - Data Science aims to produce graduates who, upon successful completion of the program, will achieve the following educational objectives:<br>**PEO-1:KnowledgeandTechnicalSkills**<br>Graduates will possess a robust foundation in computer science and data science principles, encompassing data structures, algorithms, database management systems, information retrieval, and machine learning applications. They will be equipped with the knowledge and technical skills necessary to analyze, design, implement, and optimize information systems and intelligent solutions. Graduates will be well-prepared to addressreal-worldchallengesindiversesectors,includingdataengineering,informationmanagement, analytics,andemergingtechnologies.<br><br>**PEO-2:ProfessionalCompetenceandLeadership**<br>The program aims to instill in graduate's technical competencies, practical skills, and leadership abilities, preparing them for success in the dynamicfield of computer science |

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| | and datascience.Graduates will excelin various roles within technology companies, information industries, research and development, and entrepreneurial ventures within the computer science and data science domain. They will be capable of assuming both technical and leadership positions, contributing significantly to advancements in technology and innovation. The program emphasizes the development of professionals who can lead and drive positive change in the evolving landscape of computer science and data science.<br><br>**PEO-3:HolisticDevelopmentandAdaptability**<br>The program is designed to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross- cultural interaction skills. Graduates will demonstrate the ability to adapt to evolving professional environments,ensuringtheycontributeeffectivelytotheirrespectivefields.Theinterdisciplinary natureofthe program prepares graduates for diverse career trajectories, fostering holistic development and lifelong learning.<br><br>The overarchinggoalof the B.Tech.inComputer Science - Data Scienceis to producegraduateswhoarewell- prepared to meet the challenges of the dynamic computer science and data science industry, contribute to technological advancements, and make a positive impact on society. |
| 17 | **ProgramOutcomes(POs)(GraduateAttributes)**<br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and anengineeringspecializationtothesolutionofcomplexengineeringproblems.<br><br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineeringproblems reaching substantiated conclusions using first principles of mathematics, natural sciences, andengineeringsciences.<br><br>**PO-3:**Design/development ofsolutions: Designsolutionsforcomplexengineering problems anddesignsystem components or processes that meet the specified needs with appropriate consideration for the publichealthandsafety,andthecultural,societal,andenvironmentalconsiderations.<br><br>**PO-4:** Conduct investigations of complex problems: Use research-based knowledge and |

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| | research methodsincludingdesignofexperiments,analysisandinterpretationofdata,andsynthesisofthei nformationto providevalidconclusions.<br><br>**PO-5:**Moderntoolusage:Create,select,andapplyappropriatetechniques,resources,andmoderne ngineeringandITtoolsincludingpredictionandmodelingtocomplexengineeringactivitieswitha nunderstandingofthelimitations.<br><br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal,health, safety, legal and cultural issues and the consequent responsibilities relevant to the professionalengineeringpractice.<br><br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions insocietalandenvironmentalcontexts,anddemonstratetheknowledgeof,andneedforsustaina bledevelopment.<br><br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of theengineeringpractice.<br><br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverseteams,andinmultidisciplinarysettings.<br><br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineeringcommunity and with society at large, such as, being able to comprehend and write effective reports anddesigndocumentation,makeeffectivepresentations, andgiveandreceiveclearinstructions.<br><br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering andmanagement principles and apply these to one's own work, as a member and leader in a team, to manageprojectsandinmultidisciplinaryenvironments.<br><br>**PO-12:**Lifelonglearning:Recognizetheneedfor,andhavethepreparationandabilitytoengageininde pendentandlife-longlearninginthebroadest contextoftechnologicalchange. |
| | **ProgramSpecificOutcomes(PSOs):** |

Upon successful completion of the Bachelor's program in Computer Science - Data Science, graduates will possess the capability to:

**PSO-1: Analyse and Address Data Science Challenges**

Graduates will demonstrate the ability to analyze complex requirements in data science, identify challenges, and articulate problems with necessary specifications. Leveraging their understanding of data science principles, graduates will deliver innovative solutions, addressing issues in areas such as data engineering, information retrieval, and intelligent systems.

**PSO-2:ApplyDataScienceConcepts inSystem Development**

Graduates will be equipped to envision, model, design, implement, and test data science systems and solutions. They will demonstrate proficiency in addressing technical challenges within the field of data science, utilizing their knowledge of data structures, algorithms, and data management methodologies to create efficient, reliable, and innovative applications.

**PSO-3: ConductandLeadExperimental ValidationinData Science**

After completing the program, graduates will showcase the capability to strategize, coordinate, and execute experiments for the validation and verification of data science systems and solutions. They will adeptly use laboratory techniques and software tools for designing and simulating data processes, and will be preparedto assume leadership roles in research projects, effectively managing teams and resources in the context of data science.

These Program Specific Outcomes are tailored to ensure that graduates are not only well-versed in the theoretical aspects of data science but also possess the practical skills and leadership qualities required to make meaningful contributions in the field. The outcomes emphasize the application of data science principles in addressing real-world challenges and the development of innovative solutions in the realm of data science and engineering.

18.Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1101 | Foundational Mathematics for Computer Science | 3 |
| 2. | UE24CS1102 | Analog & Digital Fundamentals | 3 |
| 3. | UE24CS1103 | Advanced Materials Integration in Computing Technology | 3 |
| 4. | UE24CS1104 | Problem Solving through C Programming | 3 |
| 5. | UE24CS1105 | Web Designing & Programming | 3 |
| 6. | UE24CS1106 | Project Based Learning / mini project on Web Designing | 2 |
| 7. | SDTCD | Technical Competency | 0 |
| 8. | CASP | Life Skills | 0 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10. | SA | Environmental Awareness and Community Services | 0 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12. | SA | Cultural & Literary Activities | 0 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14. | CASP | Placement Training | 0 |
| **Total** | | | **17** |

| Semester-2 | | | |
|---|---|---|---|
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS1201 | Applied Mathematics for Computer Science | 3 |
| 2. | UE24CS1202 | Applied Physics for CSE | 3 |
| 3. | UE24CS1203 | Data Structures & Algorithms | 3 |
| 4. | UE24CS1204 | Python Programming | 3 |
| 5. | UE24CS1205 | Fundamentals of Computer Networks | 3 |
| 6. | UE24CS1206 | Fundamentals of DBMS | 3 |
| 7. | UE24CS1207 | Project Based Learning / mini project on Computer Networks | 2 |
| 8. | SDTCD | Technical Competency | 02 |
| 9. | CASP | Life Skills | 01 |
| 10. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 11. | SA | Environmental Awareness and Community Services | 01 |
| 12. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13. | SA | Cultural & Literary Activities | 00 |
| 14. | SASP | Co-Curricular Activities | 00 |
| 15. | CASP | Placement Training | 00 |
| **Total** | | | **24** |

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| | | | |
|---|---|---|---|
| **Semester-3** | | | |
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS2301 | Algorithm Design and Complexity Analysis | 4 |
| 2. | UE24CS2302 | Internet of Things | 3 |
| 3. | UE24CS2303 | Object Oriented Programming | 3 |
| 4. | UE24CS2304 | Computer Organization and Architecture | 3 |
| 5. | UE24CS2305 | Operating System Concepts | 3 |
| 6. | UE24CS2306 | Project Based Learning / mini project | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| **Semester-4** | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **CourseTitle** | **Credits** |
| 1. | UE24CS2401 | Machine Learning | 3 |
| 2. | UE24CS2402 | Data Mining & Data Warehousing | 3 |
| 3. | UE24CS2403 | Discrete Structures for Computing | 2 |
| 4. | UE24CS2404 | Advanced Data Base Management System and PL/SQL | 3 |
| 5. | UE24CS2405 | Automata Theory and Compiler Design | 3 |
| 6. | UE24CS2406 | Project based learning on building a Machine Learning Model | 2 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 01 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 10. | SA | Environmental Awareness and Community Services | 01 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural & Literary Activities | 01 |
| 13. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24DS3501 | **Data Visualization** | 3 |
| 2. | UE24CS3502 | Cloud Computing and its Applications | 3 |
| 3. | UE24DS3503 | **Data wrangling using Python** | 3 |
| 4. | UE24DS3504 | **Data Science Tools-Tableau** | 3 |
| 5. | UE24DS3505 | Text Analytics & NLP | 3 |
| 6. | UE24DS3506 | Project based learning on Tableau | 3 |
| 7. | SDTCD | Technical Competency | 02 |
| 8. | CASP | Life Skills | 00 |
| 9. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 10. | SA | Environmental Awareness and Community Services | 00 |
| 11. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | SA | Cultural &Literary Activities | 00 |
| 13. | SASP | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | CASP | Placement Training | 01 |
| **Total** | | | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **Course Title** | **Credits** |
| 1. | UE24DS3601 | **Pattern Analysis in Data Science** | 3 |
| 2. | UE24DS3602 | **Data Analytics with Hadoop** | 4 |
| 3. | UE24DS3603 | **R Programming for Data Science** | 4 |
| 4. | UE24DS3604 | DevOps Essentials | 3 |
| 5. | UE24DS3605 | Project based learning on DevOps | 3 |
| 6. | SDTCD | Technical Competency | 02 |
| 7. | CASP | Life Skills | 00 |
| 8. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 9. | SA | Environmental Awareness and Community Services | 00 |
| 10. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | SA | Cultural & Literary Activities | 01 |
| 12. | SASP | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13. | CASP | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-7 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **CourseTitle** | **Credits** |
| 1. | UE24CS4701 | Software Engineering | 3 |
| 2. | UE24CS4702 | Intellectual Property Rights | 3 |
| 3. | UE24CS4703 | Industry Internship | 4 |
| 4. | UE24CS4704 | Project-1 | 4 |
| 5. | SDTCD | Technical Competency | 00 |
| 6. | CASP | Life Skills | 00 |
| 7. | CIBI | Innovation and Entrepreneurial Skills | 00 |
| 8. | SA | Environmental Awareness and Community Services | 00 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10. | SA | Cultural & Literary Activities | 00 |
| 11. | SASP | Co-Curricular Activities(Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12. | CASP | Placement Training | 00 |
| **Total** | | | **16** |

| Semester-8 | | | |
|---|---|---|---|
| **S.No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UE24CS4801 | Engineering Project Management | 4 |
| 2. | UE24CS4802 | Project-2 | 6 |
| 3. | SDTCD | Technical Competency | 00 |
| 4. | CASP | Life Skills | 00 |
| 5. | CIBI | Innovation and Entrepreneurial Skills | 01 |
| 6. | SA | Environmental Awareness and Community Services | 00 |
| 7. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8. | SA | Cultural & Literary Activities | 00 |
| 9. | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 01 |
| 10. | CASP | Placement Training | 00 |
| **Total** | | | **12** |

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|---|---|
| 19 | **ProgramDeliveryandProgramAttainment** |
| | The program comprises several courses, each delivered according to the specifications outlined in the coursedocuments.Attheconclusionofeachcourse,bothcourseattainmentsandprogramattainments arecomputed.TheseattainmentsundergoanalysisduringCourseAssessmentBoardandProgramAssessment Boardmeetings,leadingto recommendationsforenhancementsinsubsequentofferings. |
| 20 | TeachingandLearningMethods |
| | 1. FacetoFaceLecturesusingAudio-Visuals |
| | 2. Laboratorywork/Fieldwork/Workshop |
| | 3. ProjectBasedLearning |
| | 4. ProblemBasedLearning |
| | 5. GroupExercises/Assignments |
| | 6. Demonstrations |
| | 7. GuestLectures |
| | 8. IndustryVisit |
| | 9. Workshops,GroupDiscussions,Debates,Presentations |
| | 10. ProjectWork |
| | 11. ProjectExhibitions |
| | 12. TechnicalCompetitions |
| 21 | **Attendance** |
| | Aminimumof85%attendanceisessentialtoappearforsemesterendexaminations.Condoningofattendance ShortageisapertheAcademicRegulationsofB.Tech.Programme. |
| 22 | **AssessmentandGrading** |
| | 1. Everycoursewillbeassessedforaweightof100 |
| | 2. Thereare4components: |
| | a. Quiz-15% |
| | b. ClassTests:25% |
| | c. Application Based open assignments/ Activity/project-based learning/problem-based learning andanysuchassessment:20% |
| | d. SemesterEndExamination:40% |
| | 3. Based on total marks scored grade is Awarded.Ifmarksscoredis: |
| | a. 91andaboveO(outstanding);81-90:A+(Excellent);71-80:A(VeryGood);61-70:B+(Good);51-60:B(AboveAverage);40-50:C (Average);below40:D(Notsatisfactory) |

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|---|---|
| | b. If one scores D grade, the candidate is required to re-register for the course (for core courses only,students can exercise their choice in case of electives or open electives –means they can re-register orregisterforadifferentelectivecourse)andearntherequiredcredits |
| | **c. Aminimumofoverall40%isrequiredforcompletionofcoursebyacquiring minimumgrade(pass)withaminimumof 40% ineachcomponent.** |
| | **4.** Endofeachsemester–gradecardwillbeissuedwithSGPAdisplayed |
| 23 | **AwardofDegree** |
| | Everystudentregisteringfortheprogramneedtocompletea**minimumof160credits,completingamin imumof130creditsinacademiccourses(Core,elective,openelective)fortheawardof thedegree**. |
| | **AwardofDegreeCertificate:** |
| | Studentswillbeissuedconsolidatedgradecardwith CGPAdisplayedandGMUniversityDegreeCertific ate. |
| | **Awardof Gold Medal:**Astudent withhighestCGPA(Not lessthan9.0 onascaleof10)intheclasswithoutgettingaDgradeinanycourseover8semestersandcompletingthep rogramwithinthespecifiedperiodof4years(8semesters)will |
| | beawardedGoldMedal. |
| 24 | **StudentSupportforLearning** |
| | 1. CourseNotes |
| | 2. ReferenceBooksintheLibrary |
| | 3. MagazinesandJournals |
| | 4. InternetFacility |
| | 5. ComputingFacility |
| | 6. LaboratoryFacility |
| | 7. WorkshopFacility |
| | 8. StaffSupport |
| | 9. LoungesforDiscussions |
| | 10. Anyothersupportthatenhances theirlearning |
| 25 | **QualityControlMeasures** |
| | 1. ReviewofCourseNotes |
| | 2. ReviewofQuestionPapersandAssignmentQuestions |
| | 3. StudentFeedback |
| | 4. ModerationofAssessedWork |
| | 5. Opportunitiesforstudentstoseetheirassessedwork |
| | 6. Reviewbyexternalexaminersandexternalexaminersreports |
| | 7. StaffStudentConsultativeCommitteemeetings |

| | |
|---|---|
| | 8. Studentexitfeedback |
| | 9. CourseAssessmentBoard(CAB) |
| | 10.ProgrammeAssessmentBoard(PAB) |

**26. MappingofPOs withCos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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## B.Tech in Robotics & Automation

## PROGRAM DETAILS

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| **Faculty** | Faculty of Engineering and Technology (FET) |
| **School** | School of Engineering |
| **Department** | Robotics & Automation |
| **Program** | B.Tech, Robotics & Automation |
| **Dean of Faculty** | Dr. Prakash S V |
| **Director of School** | Dr. Praveen J |
| **Head of Department** | Dr. Rajashekhar B Somasagar |

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| 1 | **Title of the Award** | B.Tech in Robotics & Automation |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| 6 | **Date of Program Specifications** | June -2024 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor's program in Robotics & Automation (B.Tech in Robotics & Automation) offers a comprehensive and innovative education for students aspiring to excel in the dynamic field of robotics, automation, and intelligent systems. This program is meticulously designed to provide students with a strong foundation in both theoretical principles and practical applications of robotics and automation, fostering a deep understanding of creative | |

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| | problem-solving, automation design, and emerging technologies in the robotics industry.<br>Over the course of four years, students engage in a well-structured curriculum that seamlessly integrates core engineering principles with specialized courses in robotics and automation. The program adopts a hands-on approach, incorporating robotics projects, automation system design, and internships to enable students to apply theoretical knowledge to real-world challenges in robotics and automation.<br>Key areas of study include robotics principles, control systems, artificial intelligence, machine learning, computer vision, and mechatronics. Students also gain proficiency in using cutting-edge robotics tools, programming languages, and simulation software, preparing them for the challenges of the contemporary robotics and automation industry. The B.Tech Robotics and Automation program aim to equip graduates for diverse career opportunities across various sectors, including manufacturing, healthcare, autonomous systems, and smart technologies. Potential career paths encompass roles in robotics companies, automation industries, research and development, and entrepreneurship within the robotics domain.<br>The interdisciplinary nature of robotics and automation opens avenues to explore diverse applications, enabling graduates to contribute to advancements in technology, automation solutions, and the development of intelligent systems. Continuous learning and staying abreast of the latest industry trends are crucial for graduates to thrive in the rapidly evolving field of robotics and automation. The program spans eight semesters, providing a holistic education that prepares students for a successful and impactful career in the dynamic realm of robotics and automation innovation. |
| 15 | **Program Educational Objectives (PEOs)**<br>The Bachelor's program in Robotics and Automation is designed to provide a comprehensive education and foster key competencies in graduates, enabling them to contribute to the dynamic field of robotics and automation. The curriculum is structured to cultivate critical thinking, analytical skills, innovation, creativity, and problem-solving abilities. Continuous learning and staying abreast of the latest developments in robotics and automation further enhance graduates' professional growth.<br>The Program Educational Objectives include:<br>**PEO-1**: Knowledge and Technical Skills<br>The program aims to provide graduates with a strong foundation in robotics and |

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| | automation principles, control systems, artificial intelligence, and machine learning. Upon completion, graduates will possess the knowledge and technical skills necessary to conceptualize, design, analyze, and optimize robotic systems and automated processes. They will be well-equipped to address real-world challenges in various sectors, including manufacturing, healthcare, and autonomous systems.<br>**PEO-2:** Professional Competence and Leadership<br>To instill technical competencies, practical skills, and leadership abilities in graduates, preparing them for success in the field of robotics and automation. Graduates will excel in roles within robotics companies, automation industries, research and development, and entrepreneurial ventures within the robotics domain. They will be capable of assuming both technical and leadership positions, contributing to advancements in technology and innovation in the field of robotics and automation.<br>**PEO-3**: Holistic Development and Adaptability<br>The program aims to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross-cultural interaction skills. Graduates will demonstrate the ability to adapt to evolving professional environments, ensuring they contribute effectively to their respective fields. The interdisciplinary nature of robotics and automation prepares graduates for diverse career trajectories, fostering holistic development and lifelong learning.<br>The overarching goal of the B.Tech in Robotics and Automation is to produce graduates who are well-prepared to meet the challenges of the dynamic robotics and automation industry, contribute to technological advancements, and make a positive impact on society. |
| 16 | **Program Outcomes (POs) (Graduate Attributes)**<br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.<br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.<br>**PO-3:** Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. |

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| | **PO-4:** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.<br>**PO-5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.<br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.<br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.<br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.<br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.<br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.<br>**PO-12:** Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. |
| 17 | **Program Specific Outcomes (PSOs):**<br>Upon successful completion of the Bachelor's program in Robotics and Automation, graduates will possess the capability to:<br>**PSO-1**: Analyze and Address Robotic Challenges<br>Graduates will demonstrate the ability to analyze complex requirements in robotics, identify challenges, and articulate problems with necessary specifications. Leveraging their understanding of robotics and automation principles, graduates will deliver |

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| | innovative solutions, addressing issues in areas such as autonomous systems, machine intelligence, and robotic applications.<br>**PSO-2**: Apply Robotics and Automation Concepts in System Development<br>Graduates will be equipped to envision, model, design, simulate, develop, and test robotic systems and automation solutions. They will demonstrate proficiency in addressing technical challenges within the field of robotics and automation, utilizing their knowledge of control systems, artificial intelligence, and mechatronics to create efficient, reliable, and innovative robotic applications.<br>**PSO-3**: Conduct and Lead Experimental Validation in Robotics and Automation<br>After completing the program, graduates will showcase the capability to strategize, coordinate, and execute experiments for the validation and verification of robotic systems and automation solutions. They will adeptly use laboratory techniques and software tools for designing and simulating robotic processes, and will be prepared to assume leadership roles in research projects, effectively managing teams and resources in the context of robotics and automation.<br>These Program Specific Objectives are tailored to ensure that graduates are not only well-versed in the theoretical aspects of robotics and automation but also possess the practical skills and leadership qualities required to make meaningful contributions in the field. The objectives emphasize the application of engineering principles in addressing real-world challenges and the development of innovative solutions in the realm of robotics and automation. |

# Program Structure

**A. Definition of Credit**:

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| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program –Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 130 |
| 2 | Technical Skills | 10 (HG24TCXXXX) |
| 3 | Life Skills | 3(HG24TPYYYY) |
| 4 | Innovation and Entrepreneurial Skills | 3(HG24CIVVVV) |
| 5 | Environmental Awareness and Community Services | 3(HG24SAKKKK) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(HG24SAKKKK) |
| 7 | Cultural & Literary Activities | 3(HG24SAKKKK) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(HG24CC####) |
| 9 | Placement Training | 3(HG24TPYYYY) |
| | **Total** | **130+30=160** |

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24RA1101 | Engineering Mathematics - I | 3 |
| 2 | UE24RA1102 | Engineering Physics | 3 |
| 3 | UE24RA1103 | Engineering Graphics | 3 |
| 4 | UE24RA1104 | Introduction to C Programming | 2 |
| 5 | UE24RA1105 | Introduction to Electrical Engineering | 3 |
| 6 | UE24RA1106 | Ethics in Robotics | 1 |
| 7 | UE24RA1107 | Introduction to C Programming Practice | 1 |
| 8 | HG24TCXXXX | Technical Skills | 0 |
| 9 | HG24TPYYYY | Life Skills | 0 |
| 10 | HG24CIVVVV | Innovation and Entrepreneurial Skills | 0 |
| 11 | HG24SAKKKK | Environmental Awareness and Community Services | 0 |
| 12 | HG24SAKKKK | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | HG24SAKKKK | Cultural & Literary Activities | 0 |
| 14 | HG24CC#### | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | HG24TPYYYY | Placement Training | 0 |
| | | **Total** | **16** |

| Semester-2 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24RA1201 | Engineering Mathematics - II | 3 |
| 2 | UE24RA1202 | Introduction to Robotics & Automation | 3 |
| 3 | UE24RA1203 | 3D Modelling of Mechanical components and Assembly | 3 |
| 4 | UE24RA1204 | Introduction to Python Programming | 2 |
| 5 | UE24RA1205 | Fundamentals of Electronics Engineering | 3 |
| 6 | UE24RA1206 | Robot Building Practice | 1 |
| 7 | UE24RA1207 | Introduction to Python Programming & Practice | 1 |
| 8 | HG24TCXXXX | Technical Skills | 2 |
| 9 | HG24TPYYYY | Life Skills | 1 |
| 10 | HG24CIVVVV | Innovation and Entrepreneurial Skills | 0 |
| 11 | HG24SAKKKK | Environmental Awareness and Community Services | 1 |
| 12 | HG24SAKKKK | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | HG24SAKKKK | Cultural & Literary Activities | 0 |
| 14 | HG24CC#### | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | HG24TPYYYY | Placement Training | 0 |
| | | **Total** | **20** |

| Semester-3 | | | |
|---|---|---|---|
| Sl. No. | Course Code | Course Title | Credits |
| 1 | UE24RA2301 | Engineering Mathematics – III (Transforms & Probability) | 3 |
| 2 | UE24RA2302 | Data Structures and Algorithms | 3 |
| 3 | UE24RA2303 | Sensors and Instrumentation for Robotics | 3 |
| 4 | UE24RA2304 | Microcontrollers and Embedded Systems | 2 |
| 5 | UE24RA2305 | Kinematics of Machines and simulation | 2 |
| 6 | UE24RA2306 | Materials and Mechanics of Solids | 2 |
| 7 | UE24RA2307 | Project Based Learning -III | 2 |
| 8 | UE24RA2308 | Robotics Simulation Tools (MATLAB/Simulink) | 1 |
| 9 | UE24RA2309 | 3D Modeling and Animation of a Robot | 2 |
| 10 | HG24TCXXXX | Technical Skills | 2 |
| 11 | HG24TPYYYY | Life Skills | 1 |
| 12 | HG24CIVVVV | Innovation and Entrepreneurial Skills | 0 |
| 13 | HG24SAKKKK | Environmental Awareness and Community Services | 1 |
| 14 | HG24SAKKKK | Athletics, Sports, Yoga, Gymnasium | 1 |
| 15 | HG24SAKKKK | Cultural & Literary Activities | 0 |
| 16 | HG24CC#### | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 17 | HG24TPYYYY | Placement Training | 1 |
| | | **Total** | **26** |

| Semester-4 | | | |
|---|---|---|---|
| Sl. No. | Course Code | Course Title | Credits |
| 1 | UE24RA2401 | Manufacturing Processes & CNC | 2 |
| 2 | UE24RA2402 | Dynamics of Machines and simulation | 2 |
| 3 | UE24RA2403 | Data Visualization and Analysis | 3 |
| 4 | UE24RA2404 | Control Systems for Robotics | 3 |
| 5 | UE24RA2405 | Computer Vision & Image Processing | 3 |
| 6 | UE24RA2406 | Robot Operating Systems | 2 |
| 7 | UE24RA2407 | Project-Based Learning – IV | 2 |
| 8 | HG24TCXXXX | Technical Skills | 2 |
| 9 | HG24TPYYYY | Life Skills | 1 |
| 10 | HG24CIVVVV | Innovation and Entrepreneurial Skills | 1 |
| 11 | HG24SAKKKK | Environmental Awareness and Community Services | 1 |
| 12 | HG24SAKKKK | Athletics, Sports, Yoga, Gymnasium | 1 |
| 13 | HG24SAKKKK | Cultural & Literary Activities | 1 |
| 14 | HG24CC#### | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | HG24TPYYYY | Placement Training | 1 |
| | | **Total** | **25** |

| Semester-5 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24RA3501 | IoT for Automation | 2 |
| 2 | UE24RA3502 | Machine Learning for Engineers | 3 |
| 3 | UE24RA3503 | Power Electronics and Industrial Drives | 3 |
| 4 | UE24RA3504 | Additive Manufacturing | 2 |
| 5 | UE24RA3505 | PCB Design and Fabrication | 1 |
| 6 | UE24RA3506 | PLC and SCADA | 3 |
| 7 | UE24RA3507 | Project-Based Learning – V | 2 |
| 8 | UE24RA3541 | AI Processors | 2 |
| | UE24RA3542 | ARM Cortex | |
| | UE24RA3543 | Unmanned Aerial and Ground Vehicles | |
| 9 | HG24TCXXXX | Technical Skills | 2 |
| 10 | HG24TPYYYY | Life Skills | 0 |
| 11 | HG24CIVVVV | Innovation and Entrepreneurial Skills | 0 |
| 11 | HG24SAKKKK | Environmental Awareness and Community Services | 0 |
| 12 | HG24SAKKKK | Athletics, Sports, Yoga, Gymnasium | 1 |
| 13 | HG24SAKKKK | Cultural & Literary Activities | 0 |
| 14 | HG24CC#### | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | HG24TPYYYY | Placement Training | 1 |
| | | **Total** | **22** |

| Semester-6 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24RA3601 | Managerial Economics for Robotics | 2 |
| 2 | UE24RA3602 | Automation Technologies in Industry 4.0 Era | 2 |
| 3 | UE24RA3603 | Artificial Intelligence for Robotics | 3 |
| 4 | UE24RA3604 | Robotics System Integration | 3 |
| 5 | UE24RA3605 | Hydraulics & Pneumatics Systems | 2 |
| 6 | UE24RA3606 | Project-Based Learning – VI | 2 |
| 7 | UE24RA3641 | Project Management for Robotic Systems | 2 |
| | UE24RA3642 | Micro and soft Robotics | |
| | UE24RA3643 | Simulation and Testing Tools for Robotics and Automation | |
| 8 | HG24TCXXXX | Technical Skills | 2 |
| 9 | HG24TPYYYY | Life Skills | 0 |
| 10 | HG24CIVVVV | Innovation and Entrepreneurial Skills | 1 |
| 11 | HG24SAKKKK | Environmental Awareness and Community Services | 0 |
| 12 | HG24SAKKKK | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | HG24SAKKKK | Cultural & Literary Activities | 1 |
| 14 | HG24CC#### | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | HG24TPYYYY | Placement Training | 0 |
| | | **Total** | **20** |

| Semester-7 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24RA4701 | Industrial Robotics and Human Robot Interaction | 2 |
| 2 | UE24RA4702 | Design Optimization of Mechanical Components | 2 |
| 3 | UE24RA4703 | Autonomous Robots & Navigation Systems | 2 |
| 4 | UE24RA4731 | Introduction to Robotics | 2 |
| | UE24RA4732 | Autonomous Systems | |
| | UE24RA4733 | Robotics Simulation Tools (MATLAB/ROS/Simulink) | |
| 5 | UE24RA4707 | Capstone Project Phase-1 | 4 |
| 6 | HG24TCXXXX | Technical Skills | 0 |
| 7 | HG24TPYYYY | Life Skills | 0 |
| 8 | HG24CIVVVV | Innovation and Entrepreneurial Skills | 0 |
| 9 | HG24SAKKKK | Environmental Awareness and Community Services | 0 |
| 10 | HG24SAKKKK | Athletics, Sports, Yoga, Gymnasium | 0 |
| 11 | HG24SAKKKK | Cultural & Literary Activities | 1 |
| 12 | HG24CC#### | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 1 |
| 13 | HG24TPYYYY | Placement Training | 0 |
| | | **Total** | **14** |

| Semester-8 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24RA4801 | Virtual & Augmented Reality | 3 |
| 2 | UE24RA4831 | Robots for Healthcare | 2 |
| | UE24RA4832 | Agriculture Robots | |
| | UE24RA4833 | Wearable Robotics and Prosthetics | |
| 3 | UE24RA4805 | Capstone Project Phase-II | 6 |
| 4 | UE24RA4806 | Internship | 4 |
| 5 | HG24TCXXXX | Technical Skills | 0 |
| 6 | HG24TPYYYY | Life Skills | 0 |
| 7 | HG24CIVVVV | Innovation and Entrepreneurial Skills | 1 |
| 8 | HG24SAKKKK | Environmental Awareness and Community Services | 0 |
| 9 | HG24SAKKKK | Athletics, Sports, Yoga, Gymnasium | 0 |
| 10 | HG24SAKKKK | Cultural & Literary Activities | 0 |
| 11 | HG24CC#### | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 1 |
| 12 | HG24TPYYYY | Placement Training | 0 |
| | | **Total** | **17** |

**List of Electives Offered**

**Professional Elective – I (V-Semester)**

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24RA3541 | AI Processors | 2 |
| 2 | UE24RA3542 | ARM Cortex | 2 |
| 3 | UE24RA3543 | Unmanned Aerial and Ground Vehicles | 2 |

**Professional Elective – II (VI-Semester)**

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24RA3641 | Project Management for Robotic Systems | 2 |
| 2 | UE24RA3642 | Micro and soft Robotics | 2 |
| 3 | UE24RA3643 | Simulation and Testing Tools for Robotics and Automation | 2 |

**Open Electives – I (VII-Semester)**

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24RA4731 | Introduction to Robotics | 2 |
| 2 | UE24RA4732 | Autonomous Systems | 2 |
| 3 | UE24RA4733 | Robotics Simulation Tools (MATLAB/ROS/Simulink) | 2 |

**Open Electives – II (VIII-Semester)**

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24RA4831 | Robots for Healthcare | 2 |
| 2 | UE24RA4832 | Agriculture Robots | 2 |
| 3 | UE24RA4833 | Wearable Robotics and Prosthetics | 2 |

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Tech Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded. If<br>marks scored is: |

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| | • 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives – means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 160 credits, completing a minimum of 130 credits in academic courses (Core, elective, open elective) for the award of the degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 8 semester and completing the program within the specified period of 4 years (8 semesters) will be awarded Gold Medal. |
| 25 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |

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| 25 | **Quality Control Measures**<br><br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**26. Mapping of POs with COs**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |

# B.Tech. -Biotechnology

## PROGRAM DETAILS

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|---|---|
| **Faculty** | Engineering and Technology (FET) |
| **School** | School of Engineering |
| **Department** | Biotechnology |
| **Program** | B.Tech., Biotechnology |
| **Dean of Faculty** | Dr. G M Patil |
| **Director of School** | Dr. Praveen J |
| **Head of Department** | Dr. Prakash K K |

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| **1** | **Title of the Award** | B.Tech. in Biotechnology |
| **2** | **Modes of Study** | Full Time |
| **3** | **Awarding Institution /Body** | GM University |
| **4** | **Joint Award** | Not Applicable |
| **5** | **Teaching Institution** | Faculty of Engineering and Technology, GM University |
| **6** | **Date of Program Specifications** | November -2023 |
| **7** | **Date of Course Approval by the Academic Council of GMU** | --- |
| **8** | **Next Review Date:** | --- |
| **9** | **Program Approving Regulating Body and Date of Approval** | --- |
| **10** | **Program Accredited Body and Date of Accreditation** | --- |
| **11** | **Grade Awarded by the Accreditation Body** | --- |
| **12** | **Program Accreditation Validity** | --- |
| **13** | **Program Benchmark** | N/A |
| **14** | **Program Overview**<br>The Bachelor's program in Biotechnology (B.Tech. Biotechnology) provides a comprehensive and forward-looking education for students aspiring to make a meaningful impact in the dynamic field of biotechnology. This program is designed to equip students with a strong foundation in both the theoretical principles and | |

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| | practical applications of biotechnological processes, fostering a deep understanding of biological systems, genetic engineering, and emerging technologies in the life sciences.<br><br>Throughout the four-year program, students engage in a well-structured curriculum that integrates core principles of biology, chemistry, and engineering with specialized courses in biotechnology. The hands-on approach includes laboratory work, research projects, and internships, allowing students to apply theoretical knowledge to real-world situations.<br><br>Key areas of study include molecular biology, genetic engineering, bioinformatics, bioprocess engineering, microbiology, and biochemistry. Students also gain proficiency in using cutting-edge laboratory techniques and bioinformatics tools, preparing them for the challenges of the contemporary biotechnology industry.<br><br>The B.Tech. Biotechnology program aims to prepare graduates for diverse career opportunities in sectors such as pharmaceuticals, healthcare, agriculture, environmental science, and bioprocessing. Potential career paths include roles in biopharmaceutical companies, research and development, agricultural biotechnology, environmental bioremediation, and healthcare diagnostics.<br><br>The interdisciplinary nature of biotechnology opens doors to a variety of career paths, allowing graduates to contribute to advancements in medicine, agriculture, and environmental sustainability. Continuous learning and staying informed about the latest developments in biotechnology are essential for graduates to thrive in this rapidly evolving field. The program spans eight semesters, providing a holistic education that prepares students for a successful and impactful career in the field of biotechnology. |
| 15 | **Program Educational Objectives (PEOs)**<br><br>The Bachelor's program in Biotechnology is designed to provide a robust foundation and foster key competencies in graduates, enabling them to contribute to the evolving field of biotechnology. The curriculum is structured to cultivate critical thinking, analytical skills, innovation, creativity, and problem-solving abilities. Continuous learning and staying abreast of the latest developments in |

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| | biotechnology further enhance graduates' professional growth. The Program Educational Objectives include:<br><br>**PEO-1: Knowledge and Technical Skills**<br><br>The program aims to provide graduates with a strong foundation in biological sciences, genetic engineering, and bioprocess technologies. Upon completion, graduates will possess the knowledge and technical skills necessary to conceptualize, design, implement, and optimize biotechnological processes. They will be equipped to address real-world challenges in diverse sectors such as pharmaceuticals, healthcare, agriculture, and environmental science.<br><br>**PEO-2: Professional Competence and Leadership**<br><br>To instil technical competencies, practical skills, and leadership abilities in graduates, preparing them for success in various professional sectors. Graduates will excel in roles within biopharmaceutical companies, research and development, agricultural biotechnology, environmental bioremediation, and healthcare diagnostics. They will be capable of assuming both technical and leadership positions in government, industry, and academia, and be poised to explore entrepreneurial ventures.<br><br>**PEO-3: Holistic Development and Adaptability**<br><br>The program aims to nurture critical thinking, creativity, innovation, collaboration, effective communication, information literacy, flexibility, adaptability, leadership, responsibility, and social and cross-cultural interaction skills. Graduates will demonstrate the ability to adapt to evolving professional environments, ensuring they contribute effectively to their respective fields. The interdisciplinary nature of biotechnology prepares graduates for diverse career trajectories, fostering holistic development and lifelong learning.<br><br>The overarching goal of the B.Tech. in Biotechnology is to produce graduates who are well-prepared to meet the challenges of the dynamic biotechnology industry, contribute to scientific advancements, and make a positive impact on society. |
| 16 | **Program Outcomes (POs) (Graduate Attributes)**<br><br>**PO-1:** Engineering knowledge: Apply the knowledge of mathematics, science, |

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| | engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.<br><br>**PO-2:** Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.<br><br>**PO-3:** Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.<br><br>**PO-4:** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.<br><br>**PO-5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.<br><br>**PO-6:** The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.<br><br>**PO-7:** Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.<br><br>**PO-8:** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.<br><br>**PO-9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.<br><br>**PO-10:** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.<br><br>**PO-11:** Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to |

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| | one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.<br><br>**PO-12:** Lifelong learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. |
| 17 | **Program Specific Outcomes (PSOs):**<br><br>Upon successful completion of the Bachelor's program in Biotechnology, graduates will possess the capability to:<br><br>**PSO-1**: **Analyze and Address Biological Challenges**<br><br>Upon completion of the program, graduates will possess the ability to analyze complex biological requirements, identify issues, and articulate problems with necessary specifications. They will leverage their understanding of biological sciences to deliver innovative technological solutions, addressing challenges in healthcare, agriculture, and environmental science.<br><br>**PSO-2**: **Apply Biotechnological Concepts in Design and Development**<br><br>Graduates will be equipped to envision, model, design, simulate, develop, and test biotechnological processes and systems. They will demonstrate proficiency in addressing technical challenges within the field of biotechnology, utilizing their knowledge of genetic engineering, bioinformatics, and bioprocess engineering to create sustainable and efficient solutions.<br><br>**PSO-3**: **Conduct and Lead Experimental Validation**<br><br>After completing the program, graduates will demonstrate the capability to strategize, coordinate, and execute experiments for the validation and verification of biotechnological processes and systems. They will adeptly use laboratory techniques and software tools for designing and simulating biological processes, and will be prepared to assume leadership roles in research projects, effectively managing teams and resources.<br><br>These Program Specific Objectives are tailored to ensure that graduates are not only well-versed in the theoretical aspects of biotechnology but also possess the practical skills and leadership qualities required to make meaningful |

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| | contributions in the field. |

# Programme Structure

## A. Definition of Credit:

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| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

## 18. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24BT1101 | Engineering Mathematics - I | 3 |
| 2 | UE24BT1102 | Engineering Physics | 3 |
| 3 | UE24BT1103 | Fundamentals of Biotechnology | 3 |
| 4 | UE24BT1104 | Computer Concepts & C Programing | 4 |
| 5 | UE24BT1105 | Computer Aided Engineering Design & Drawing | 3 |
| 6 | SDTCD | Technical Skills | 0 |
| 7 | CASP | Life Skills 1 | 0 |
| 8 | CIBI | Innovation and Entrepreneurial Skills 1 | 0 |
| 9 | SA | Environmental Awareness and Community Services 1 | 0 |
| 10 | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 11 | SA | Cultural & Literary Activities | 0 |
| 12 | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 13 | CASP | Placement Training | 0 |
| **Total** | | | **16** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24BT1201 | Engineering Mathematics - II | 3 |
| 2 | UE24BT1202 | Engineering Chemistry | 3 |
| 3 | UE24BT1203 | Biology for Engineers | 3 |
| 4 | UE24BT1204 | Python Programming | 4 |
| 5 | UE24BT1205 | Basics of Electronics and Electrical Engineering | 3 |
| 6 | SDTCD | Technical Skills | 2 |
| 7 | CASP | Life Skills | 1 |
| 8 | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 9 | SA | Environmental Awareness and Community Services | 1 |
| 10 | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 11 | SA | Cultural & Literary Activities | 0 |
| 12 | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 13 | CASP | Placement Training | 0 |
| **Total** | | | **20** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24BT2301 | Probability & Biostatistics | 3 |
| 2 | UE24BT2302 | Introduction to Biomolecules | 4 |
| 3 | UE24BT2303 | Industrial Microbiology | 3 |
| 4 | UE24BT2304 | Molecular Biology | 3 |
| 5 | UE24BT2305 | Stoichiometry | 3 |
| 6 | UE24BT2306 | Microbiological Practices | 1 |
| 7 | UE24BT2307 | Molecular Biology Practices | 1 |
| 8 | SDTCD | Technical Skills | 2 |
| 9 | CASP | Life Skills | 1 |
| 10 | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 11 | SA | Environmental Awareness and Community Services | 1 |
| 12 | SA | Athletics, Sports, Yoga, Gymnasium | 1 |
| 13 | SA | Cultural & Literary Activities | 0 |
| 14 | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | CASP | Placement Training | 1 |
| **Total** | | | **24** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24BT2401 | Unit Operations | 4 |
| 2 | UE24BT2402 | Bio-kinetics and Bio-reaction Engineering | 3 |
| 3 | UE24BT2403 | AI in Biotechnology | 2 |
| 4 | UE24BT2404 | Genetic Engineering | 3 |
| 5 | UE24BT2405 | Immunotechnology | 3 |
| 6 | UE24BT2406 | Genetic Engineering Practices | 1 |
| 7 | SDTCD | Technical Skills | 2 |
| 8 | CASP | Life Skills | 1 |
| 9 | CIBI | Innovation and Entrepreneurial Skills | 1 |
| 10 | SA | Environmental Awareness and Community Services | 1 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 1 |
| 12 | SA | Cultural & Literary Activities | 1 |
| 13 | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical competition) | 0 |
| 14 | CASP | Placement Training | 1 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24BT3501 | Bio-business and Entrepreneurship | 3 |
| 2 | UE24BT3502 | Genomics and Proteomics | 3 |
| 3 | UE24BT3503 | Bioprocess Control and Automation | 3 |
| 4 | UE24BT3504 | Cell Culture Techniques | 3 |
| 5 | UE24BT3505 | Clinical and Pharmaceutical Biotechnology | 3 |
| | UE24BT3506 | Fundamentals of Food Process Engineering | |
| | UE24BT3507 | Agricultural Engineering | |
| | UE24BT3508 | Systems Biology | |
| 6 | UE24BT3509 | BT for Sustainable Environment | 2 |
| | UE24BT3510 | Biology for Engineers | |
| 7 | UE24BT3511 | Bioprocess Control and Automation Practices | 1 |
| 8 | UE24BT3512 | Cell Culture Practices | 1 |
| 9 | SDTCD | Technical Skills | 2 |
| 10 | CASP | Life Skills | 0 |
| 11 | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 12 | SA | Environmental Awareness and Community Services | 0 |
| 13 | SA | Athletics, Sports, Yoga, Gymnasium | 1 |
| 14 | SA | Cultural & Literary Activities | 0 |
| 15 | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 16 | CASP | Placement Training | 1 |
| **Total** | | | **23** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24BT3601 | Bioprocess Equipment Design & CAED | 4 |
| 2 | UE24BT3602 | Computational Biology | 3 |
| 3 | UE24BT3603 | Bio-analytical Techniques | 3 |
| 4 | UE24BT3604 | Drug Design and Formulation | 3 |
| | UE24BT3605 | Food Packaging Science and Technology | |
| | UE24BT3606 | Plant Development Engineering | |
| | UE24BT3607 | Chemo Informatics | |
| 5 | UE24BT3608 | Food Nutrition and Hygiene | 2 |
| | UE24BT3609 | Public Health and Community Medicine | |
| 6 | UE24BT3610 | Computational Biology Practices | 1 |
| 7 | UE24BT3611 | Mini Project | 3 |
| 8 | SDTCD | Technical Skills | 2 |
| 9 | CASP | Life Skills | 0 |
| 10 | CIBI | Innovation and Entrepreneurial Skills | 1 |
| 11 | SA | Environmental Awareness and Community Services | 0 |
| 12 | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | SA | Cultural & Literary Activities | 1 |
| 14 | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | CASP | Placement Training | 0 |
| **Total** | | | **23** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24BT4701 | Engineering Economics and Plant Design | 3 |
| 2 | UE24BT4702 | Project Phase-1 | 2 |
| 3 | UE24BT4703 | Project Management | 2 |
| 4 | UE24BT4704 | Bioprocess Engineering | 4 |
| 5 | UE24BT4705 | Regulatory Affairs in Pharmaceuticals | 3 |
| | UE24BT4706 | Food Standards and Safety Regulations | |
| | UE24BT4707 | Agri Marketing and Entrepreneurship | |
| | UE24BT4708 | Molecular Modeling and Drug Design | |
| 6 | UE24BT4709 | Technical Seminar | 2 |
| 7 | SDTCD | Technical Skills | 0 |
| 8 | CASP | Life Skills | 0 |
| 9 | CIBI | Innovation and Entrepreneurial Skills | 0 |
| 10 | SA | Environmental Awareness and Community Services | 0 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | SA | Cultural & Literary Activities | 1 |
| 13 | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 1 |
| 14 | CASP | Placement Training | 0 |
| **Total** | | | **18** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UE24BT4801 | Internship | 4 |
| 2 | UE24BT4802 | Project Phase-2 | 6 |
| 3 | SDTCD | Technical Skills | 0 |
| 4 | CASP | Life Skills | 0 |
| 5 | CIBI | Innovation and Entrepreneurial Skills | 1 |
| 6 | SA | Environmental Awareness and Community Services | 0 |
| 7 | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 8 | SA | Cultural & Literary Activities | 0 |
| 9 | SASP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 1 |
| 10 | CASP | Placement Training | 0 |
| **Total** | | | **12** |

# List of Electives Offered

## Professional Elective-1 (V-Semester)

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24BT3505 | Clinical and Pharmaceutical Biotechnology | 3 |
| 2 | UE24BT3506 | Fundamentals of Food Process Engineering | 3 |
| 3 | UE24BT3507 | Agricultural Engineering | 3 |
| 4 | UE24BT3508 | Systems Biology | 3 |

## Professional Elective-2 (VI-Semester)

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24BT3604 | Drug Design and Formulation | 3 |
| 2 | UE24BT3605 | Food Packaging Science and Technology | 3 |
| 3 | UE24BT3606 | Plant Development Engineering | 3 |
| 4 | UE24BT3607 | Chemo Informatics | |

## Professional Elective-3 (VII-Semester)

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24BT4705 | Regulatory Affairs in Pharmaceuticals | 3 |
| 2 | UE24BT4706 | Food Standards and Safety Regulations | 3 |
| 3 | UE24BT4707 | Agri Marketing and Entrepreneurship | 3 |
| 4 | UE24BT4708 | Molecular Modeling and Drug Design | 3 |

# List of Open Electives Offered

## Open Elective-1 (V-Semester)

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24BT3509 | BT for Sustainable Environment | 2 |
| 2 | UE24BT3510 | Biology for Engineers | 2 |

## Open Elective-2 (VI-Semester)

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UE24BT3608 | Food Nutrition and Hygiene | 2 |
| 2 | UE24BT3609 | Public Health and Community Medicine | 2 |

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>2 Face to Face Lectures using Audio-Visuals<br>3 Laboratory work/Field work/Workshop<br>4 Project Based Learning<br>5 Problem Based Learning<br>6 Group Exercises/Assignments<br>7 Demonstrations<br>8 Guest Lectures<br>9 Industry Visit<br>10 Workshops, Group Discussions, Debates, Presentations<br>11 Project Work<br>12 Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B. Tech. Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>• Quiz -15%<br>• Class Tests: 25%<br>• Application Based open assignments/ Activity/project-based |

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| | learning/problem-based learning and any such assessment: 20%<br>• Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>i. If marks scored is:<br>ii. 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>iii. If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>**1. A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 160 credits, completing a minimum of 130 credits in academic courses (Core, elective, open elective) for the award of the degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 8 semester and completing the program within the specified period of 4 years (8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility |

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| | 5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10.Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |

# FCM Program Details

# B.Com–Accounting and Finance

**PROGRAM DETAILS**

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| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B. Com-Accounting and Finance |
| **Dean of Faculty** | Dr. BasavarajSwamy |
| **Director of School** | Dr.Shwetha H.S. |

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|---|---|---|
| 1 | **Title of the Award** | B. Com -Accounting and Finance |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November - 2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Commerce (B. Com) program specializing in Accounting and Finance is meticulously crafted to provide students with a comprehensive understanding of financial principles, accounting practices, and strategic financial management. This specialized track integrates foundational concepts in accounting with advanced coursework in finance, offering a well-rounded curriculum that prepares students for diverse roles in the | |

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| | financial sector. Students will acquire the skills to navigate complex financial transactions, analyse financial data and make strategic decisions that contribute to organizational success.<br>The program emphasizes a hands-on approach, incorporating real-world case studies, simulations, and industry projects to bridge theoretical knowledge with practical application. With a focus on ethical considerations and compliance with financial regulations, students will develop a strong sense of responsibility in financial decision-making. Graduates will be well-equipped for careers in accounting firms, financial institutions, corporate finance and financial consulting, possessing the expertise to address contemporary challenges in the dynamic world of finance. |
| 15 | **Program Educational Objectives (PEOs):**<br>**Holistic Business Understanding:**<br>Graduates of the B. Com program will possess a holistic understanding of key business disciplines, including accounting, finance, marketing and management. They will be equipped with the knowledge and skills to comprehend the interdependencies among these areas, fostering a well-rounded approach to problem-solving in diverse business contexts.<br>**Effective Communication and Collaboration:**<br>The program aims to cultivate graduates' ability to communicate effectively and collaborate with diverse stakeholders. This involves honing written and oral communication skills, as well as fostering teamwork and interpersonal skills crucial for success in professional environments.<br>**Ethical Decision-Making and Social Responsibility:**<br>Graduates will demonstrate a commitment to ethical business practices and social responsibility. The program seeks to instil in students a deep understanding of the ethical considerations within the business world, emphasizing the importance of responsible decision-making and contributing positively to society through their professional endeavours. |
| 16 | **Program Outcomes (POs):**<br>**Foundational Business Knowledge:**<br>Graduates will possess a solid understanding of fundamental concepts in accounting, finance, marketing and management, providing a broad foundation in commerce.<br>**Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate the ability to think critically and solve complex business problems, integrating theoretical knowledge with practical application in the real-world |

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| | scenarios.<br>**Effective Communication Skills:**<br>Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to diverse audiences within the business context.<br>**Quantitative and Analytical Skills:**<br>Graduates will be proficient in using quantitative and analytical tools to interpret data, make informed business decisions, and analyse financial and economic trends.<br>**Teamwork and Collaboration:**<br>Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.<br>**Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities.<br>**Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>**Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs):**<br>**Financial Analysis Proficiency:**<br>Graduates will demonstrate advanced proficiency in financial analysis, showcasing the ability to interpret and analyse financial statements, assess financial performance and make strategic recommendations for effective financial management.<br>**Strategic Financial Decision-Making:**<br>The program-specific outcome aims for graduates to exhibit competence in strategic financial decision-making, including capital budgeting, investment analysis and risk management, ensuring they can contribute to the financial success and sustainability of organizations.<br>**Integrated Accounting and Finance Expertise:**<br>Graduates will possess integrated expertise in both accounting and finance, demonstrating the ability to apply accounting principles within the broader financial |

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| | context. This includes the capability to link financial data to strategic goals and make informed financial decisions that align with organizational objectives. |

## Programme Structure

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 90/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 90 + 30= 120**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF1101/ UM24AF1102 | Kannada Shravana -1/ Hindi kathaSaritha | 3 |
| 2 | UM24AF1103 | English Insight - 1 | 3 |
| 3 | UM24AF1104 | Principles of Management | 3 |
| 4 | UM24AF1105 | Marketing Management | 3 |
| 5 | UM24AF1106 | Financial Accounting | 3 |
| 6 | UM24AF1107/ UM24AF1108 | OEC-1 – Banking Fundamentals/ Basics of Accounting | 3 |
| 7 | SDTCD | Technical Skills | 0 |
| 8 | CASP | Life Skills | 0 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 0 |
| 10 | SA | Environmental Awareness and Community Services | 0 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | SA | Cultural & Literary Activities | 0 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | CASP | Placement Training | 0 |
| **Total** | | | **18** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF1201/ UM24AF1202 | Kannada Shravana 2/ Hindi Katha Sourabha | 3 |
| 2 | UM24AF1203 | English Insight 2 | 3 |
| 3 | UM24AF1204 | Human Resource Management | 3 |
| 4 | UM24AF1205 | Financial Market and Services | 3 |
| 5 | UM24AF1206 | Advanced Financial Accounting | 3 |
| 6 | UM24AF1207 | OEC-2- Managing Workforce | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 01 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 10 | SA | Environmental Awareness and Community Services | 01 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 00 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF2301 | Indian Banking System | 3 |
| 2 | UM24AF2302 | Company Law and Practice | 3 |
| 3 | UM24AF2303 | Corporate Accounting | 3 |
| 4 | UM24AF2304 | Law and Practice of Income Tax-I | 3 |
| 5 | UM24AF2305 | OEC-3-Advertisment Skills | 3 |
| 6 | SDTCD | Technical Skills | 02 |
| 7 | CASP | Life Skills | 01 |
| 8 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 9 | SA | Environmental Awareness and Community Services | 01 |
| 10 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | SA | Cultural & Literary Activities | 00 |
| 12 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | CASP | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF2401 | Project Report on Company Analysis | 2 |
| 2 | UM24AF2402 | Financial Management | 3 |
| 3 | UM24AF2403 | Advanced Corporate Accounting | 3 |
| 4 | UM24AF2404 | Law and Practice of Income Tax-II | 3 |
| 5 | SDTCD | Technical Skills | 02 |
| 6 | CASP | Life Skills | 01 |
| 7 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 8 | SA | Environmental Awareness and Community Services | 01 |
| 9 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10 | SA | Cultural & Literary Activities | 01 |
| 11 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 12 | CASP | Placement Training | 01 |
| **Total** | | | **19** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF3501 | Elements of Costing | 3 |
| 2 | UM24AF3502 | Quantitative Aptitude | 3 |
| 3 | UM24AF3503 | Strategic Financial Management | 3 |
| 4 | UM24AF3504 | Security Analysis and Portfolio Management | 3 |
| 5 | UM24AF3505 | Research Methodology | 2 |
| 6 | UM24AF3506 | New Venture Creation and Management | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | SA | Cultural & Literary Activities | 00 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF3601 | Methods and Techniques of Costing | 3 |
| 2 | UM24AF3602 | Management Accounting | 3 |
| 3 | UM24AF3603 | GST- Law and Practice | 3 |
| 4 | UM24AF3604 | Organisational Behaviour | 3 |
| 5 | UM24AF3605 | Dissertation | 3 |
| 6 | UM24AF3606 | Auditing and Assurance | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 01 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF4701 | Financial Statement Analysis | 4 |
| 2 | UM24AF4702 | International Business | 4 |
| 3 | UM24AF4703 | Corporate Governance | 4 |
| 4 | UM24AF4704 | Internship | 8 |
| 5 | SDTCD | Technical Skills | 00 |
| 6 | CASP | Life Skills | 00 |
| 7 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 8 | SA | Environmental Awareness and Community Services | 00 |
| 9 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10 | SA | Cultural & Literary Activities | 01 |
| 11 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12 | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF4801 | Business Law and Ethics | 4 |
| 2 | UM24AF4802 | Strategic Cost accounting | 4 |
| 3 | UM24AF4803 | Project Work | 6 |
| 4 | SDTCD | Technical Skills | 00 |
| 5 | CASP | Life Skills | 00 |
| 6 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 7 | SA | Environmental Awareness and Community Services | 00 |
| 8 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | SA | Cultural & Literary Activities | 00 |
| 10 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | CASP | Placement Training | 00 |
| **Total** | | | **16** |

List of **Electives** Offered

1. Banking and Indian Financial System
2. Financial Management
3. Strategic Financial Management
4. Security Analysis and Portfolio Management
5. Financial Statement Analysis
6. Corporate Governance
7. Internship
8. Project Work

List of **Open Electives** Offered

1. Fundamentals of Banking/Basics of Accounting
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>Face to Face Lectures using Audio-Visuals<br>Laboratory work/Fieldwork/Workshop<br>Project Based Learning<br>Problem Based Learning<br>Group Exercises/Assignments<br>Demonstrations<br>Guest Lectures<br>Industry Visit<br>Workshops, Group Discussions, Debates, Presentations<br>Project Work<br>Project Exhibitions<br>Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>Quiz -10%<br>Class Tests: 30%<br>Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is: |

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| | 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>**A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>Course Notes<br>Reference Books in the Library<br>Magazines and Journals<br>Internet Facility<br>Computing Facility<br>Laboratory Facility<br>Workshop Facility<br>Staff Support<br>Lounges for Discussions<br>Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>Review of Course Notes<br>Review of Question Papers and Assignment Questions<br>Student Feedback |

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| | Moderation of Assessed Work<br>Opportunities for students to see their assessed work<br>Review by external examiners and external examiners reports<br>Staff Student Consultative Committee meetings<br>Student exit feedback<br>Course Assessment Board (CAB)<br>Programme Assessment Board (PAB) |

# BCom –Accounting and Taxation

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B Com- Accounting and Taxation |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha.H. S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B Com -Accounting and Taxation |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November - 2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Commerce (B. Com) program with a specialization in Accounting and Taxation is tailored to provide students with a comprehensive and specialized skill set in financial management, accounting principles, and taxation practices. This program encompasses a | |

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| | dynamic curriculum that combines theoretical knowledge with practical applications, ensuring students develop a deep understanding of financial reporting, auditing, and tax compliance. Through specialized courses, students will learn to navigate intricate taxation regulations, prepare financial statements, and conduct audits, preparing them for key roles in accounting firms, corporate finance, and tax consultancy. The program places a strong emphasis on ethical considerations, instilling in students a sense of responsibility in financial decision-making and adherence to regulatory frameworks. With a focus on real-world scenarios and industry-relevant practices, graduates of this program emerge well-prepared for careers in the complex and evolving fields of accounting and taxation within the global business landscape. |
| 15 | **Program Educational Objectives (PEOs)**<br>1. **Holistic Business Understanding:**<br>Graduates of the B.Com program will possess a holistic understanding of key business disciplines, including accounting, finance, marketing, and management. They will be equipped with the knowledge and skills to comprehend the interdependencies among these areas, fostering a well-rounded approach to problem-solving in diverse business contexts.<br>2. **Effective Communication and Collaboration:**<br>The program aims to cultivate graduates' ability to communicate effectively and collaborate with diverse stakeholders. This involves honing written and oral communication skills, as well as fostering teamwork and interpersonal skills crucial for success in professional environments.<br>3. **Ethical Decision-Making and Social Responsibility:**<br>Graduates will demonstrate a commitment to ethical business practices and social responsibility. The program seeks to instil in students a deep understanding of the ethical considerations within the business world, emphasizing the importance of responsible decision-making and contributing positively to society through their professional endeavours. |
| 16 | **Program Outcomes (POs):**<br>1. **Foundational Business Knowledge:**<br>Graduates will possess a solid understanding of fundamental concepts in accounting, finance, marketing, and management, providing a broad foundation in commerce.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate the ability to think critically and solve complex |

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| | business problems, integrating theoretical knowledge with practical application in real-world scenarios.<br>3. **Effective Communication Skills:**<br>Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to diverse audiences within the business context.<br>4. **Quantitative and Analytical Skills:**<br>Graduates will be proficient in using quantitative and analytical tools to interpret data, make informed business decisions, and analyze financial and economic trends.<br>5. **Teamwork and Collaboration:**<br>Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.<br>6. **Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Proficiency in Financial Reporting:**<br>Graduates of the program will demonstrate expertise in financial reporting, including the ability to prepare accurate and comprehensive financial statements in accordance with applicable accounting standards and regulatory requirements.<br>2. **Competence in Taxation Practices:**<br>The program-specific outcome aims for graduates to exhibit competence in taxation practices, encompassing an in-depth understanding of tax laws, compliance, and the ability to apply taxation strategies for individuals and businesses. |

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| | **3. Effective Auditing Skills:**<br>Graduates will develop effective auditing skills, demonstrating the ability to plan, conduct, and report on audits. This includes evaluating internal controls, identifying areas of risk, and ensuring compliance with auditing standards and ethical practices. |

**Programme Structure**

**A. Definition of Credit**:

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| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 90/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 90 + 30= 120**

**4 Year Honours Program: 130+30= 160**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24ATK11/<br>UL24ATH11 | Kannada shravana 1/<br>Hindi Katha saritha | 3 |
| 2 | UL24ATE11 | English Insight 1 | 3 |
| 3 | UO24ATC11 | Principles of Management | 3 |
| 4 | UO24ATC12 | Marketing Management | 3 |
| 5 | UO24ATC13 | Financial Accounting | 3 |
| 6 | UO24ATO11/<br>UO24ATO12 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | UO24HGT11 | Technical Skills | 0 |
| 8 | UO24HGL12 | Life Skills | 0 |
| 9 | UO24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| 10 | UO24HGV14 | Environmental Awareness and Community Services | 0 |
| 11 | UO24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | UO24HGC16 | Cultural & Literary Activities | 0 |
| 13 | UO24HGR17 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | UO24HGP18 | Placement Training | 0 |
| **Total** | | | **18** |
| **Semester-2** | | | |
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24ATK21/<br>UL24ATH21 | Kannada Shravana 2/<br>Hindi Insight 2 | 3 |
| 2 | UL24ATE21 | English Insights 2 | 3 |
| 3 | UO24ATC21 | Human Resource Management | 3 |
| 4 | UO24ATC22 | Financial Market and Services | 3 |
| 5 | UO24ATC23 | Advanced Financial Accounting | 3 |
| 6 | UO24ATO21 | OEC-2- Managing Workforce | 3 |
| 7 | UO24HGT21 | Technical Skills | 02 |
| 8 | UO24HGL22 | Life Skills | 01 |
| 9 | UO24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UO24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | UO24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UO24HGC26 | Cultural & Literary Activities | 00 |
| 13 | UO24HGR27 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UO24HGP28 | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24ATE31 | Business Statistics | 3 |
| 2 | UO24ATC32 | Company Law and Practice | 3 |
| 3 | UO24ATC33 | Corporate Accounting | 3 |
| 4 | UO24ATC34 | Law and Practice of Income Tax-I | 3 |
| 5 | UO24ATO31 | OEC-3-Advertisment Skills | 3 |
| 6 | UO24HGT31 | Technical Skills | 02 |
| 7 | UO24HGL32 | Life Skills | 01 |
| 8 | UO24HGE33 | Innovation and Entrepreneurial Skills | 00 |
| 9 | UO24HGV34 | Environmental Awareness and Community Services | 01 |
| 10 | UO24HGA35 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | UO24HGC36 | Cultural & Literary Activities | 00 |
| 12 | UO24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | UO24HGP38 | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFC41 | Project Report on Company Analysis | 2 |
| 2 | UO24AFE42 | Business Regulatory Framework | 3 |
| 3 | UO24AFC43 | Advanced Corporate Accounting | 3 |
| 4 | UO24AFC44 | Law and Practice of Income Tax-II | 3 |
| 5 | UO24HGT41 | Technical Skills | 02 |
| 6 | UO24HGL42 | Life Skills | 01 |
| 7 | UO24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| 8 | UO24HGV44 | Environmental Awareness and Community Services | 01 |
| 9 | UO24HGA45 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10 | UO24HGC46 | Cultural & Literary Activities | 01 |
| 11 | UO24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 12 | UO24HGP48 | Placement Training | 01 |
| **Total** | | | **22** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24ATC51 | Elements of Costing | 3 |
| 2 | UO24ATC52 | Quantitative Aptitude | 3 |
| 3 | UO24ATE53 | Financial Management | 3 |
| 4 | UO24ATE54 | Assessment of Firms Company and HUF | 3 |
| 5 | UO24ATC55 | Research Methodology | 2 |
| 6 | UO24ATC56 | New Venture Creation and Management | 3 |
| 7 | UO24HGT51 | Technical Skills | 02 |
| 8 | UO24HGL52 | Life Skills | 00 |
| 9 | UO24HGE53 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UO24HGV54 | Environmental Awareness and Community Services | 00 |
| 11 | UO24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | UO24HGC56 | Cultural & Literary Activities | 00 |
| 13 | UO24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UO24HGP58 | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24ATC61 | Methods and Techniques of Costing | 3 |
| 2 | UO24ATC62 | Management Accounting | 3 |
| 3 | UO24ATE63 | GST- Law and Practice | 3 |
| 4 | UO24ATC64 | Organisational Behaviour | 3 |
| 5 | UO24ATC65 | Desertion Report | 3 |
| 6 | UO24ATC66 | Auditing and Assurance | 3 |
| 7 | UO24HGT61 | Technical Skills | 02 |
| 8 | UO24HGL62 | Life Skills | 00 |
| 9 | UO24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UO24HGV64 | Environmental Awareness and Community Services | 00 |
| 11 | UO24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UO24HGC66 | Cultural & Literary Activities | 01 |
| 13 | UO24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UO24HGP68 | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24ATE71 | Indirect Taxes – Customs and other taxes | 4 |
| 2 | UO24ATC72 | International Business | 4 |
| 3 | UO24ATE73 | Advance Management Accounting | 4 |
| 4 | UO24ATE74 | Internship | 8 |
| 5 | UO24HGT71 | Technical Skills | 00 |
| 6 | UO24HGL72 | Life Skills | 00 |
| 7 | UO24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| 8 | UO24HGV74 | Environmental Awareness and Community Services | 00 |
| 9 | UO24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10 | UO24HGC76 | Cultural & Literary Activities | 01 |
| 11 | UO24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12 | UO24HGP78 | Placement Training | 00 |
| Total | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24ATE81 | Corporate Tax Planning | 4 |
| 2 | UO24ATE82 | Strategic Cost Accounting | 4 |
| 3 | UO24ATE83 | Project Work | 6 |
| 4 | UO24HGT81 | Technical Skills | 00 |
| 5 | UO24HGL82 | Life Skills | 00 |
| 6 | UO24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| 7 | UO24HGV84 | Environmental Awareness and Community Services | 00 |
| 8 | UO24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | UO24HGC86 | Cultural & Literary Activities | 00 |
| 10 | UO24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | UO24HGP88 | Placement Training | 00 |
| Total | | | 16 |

**List of Electives Offered**

1. Business Statistics
2. Mercantile Law
3. Financial Management
4. Assessment of Firms Company and HUF
5. GST- Law and Practice
6. Indirect Taxes – Customs duty
7. Advance Management Accounting
8. Internship
9. Corporate Tax Planning
10. Strategic Cost Accounting
11. Project Work

**List of Open Electives Offered**

1. Fundamentals of Banking/Basics of Accounting
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations |

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| | 10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations.<br>Condoning of attendance shortage is as per the Academic Regulations of B Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -10%<br>b. Class Tests: 30%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives – means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:** |

| | |
|---|---|
| | A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# B.Com – Banking and Insurance

**PROGRAM DETAILS**

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B.Com-Banking and Insurance |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha. H. S |

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| 1 | **Title of the Award** | B.Com – Banking and Insurance |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor's program in Commerce (B.Com) specializing in Banking and Insurance is designed to equip students with a comprehensive understanding of financial services and risk management. This specialized track integrates foundational commerce courses with a specific focus on banking and insurance practices, offering a well-rounded curriculum. Students will delve into subjects such as financial markets, banking operations, insurance principles, and risk assessment, gaining insights into the intricacies of these vital sectors.<br>The program places a strong emphasis on practical application, providing opportunities for internships, case studies, and projects that bridge theoretical concepts with real-world scenarios. With a focus on emerging trends, technological advancements, and regulatory frameworks within the financial industry, graduates are prepared for dynamic roles in banking | |

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| | institutions, insurance companies, and related financial enterprises.<br>Ethical considerations and adherence to industry standards are woven into the program, instilling in students a sense of responsibility in financial decision-making. Upon graduation, students emerge with a specialized skill set, ready to contribute to the dynamic and evolving landscape of banking and insurance, whether in risk assessment, financial analysis, or strategic management within financial institutions. |
| 15 | **Program Educational Objectives (PEOs) for Bachelor of Commerce (B.Com):**<br>1. **Holistic Business Understanding:**<br>Graduates of the B.Com program will possess a holistic understanding of key business disciplines, including accounting, finance, marketing, and management. They will be equipped with the knowledge and skills to comprehend the interdependencies among these areas, fostering a well-rounded approach to problem-solving in diverse business contexts.<br>2. **Effective Communication and Collaboration:**<br>The program aims to cultivate graduates' ability to communicate effectively and collaborate with diverse stakeholders. This involves honing written and oral communication skills, as well as fostering teamwork and interpersonal skills crucial for success in professional environments.<br>3. **Ethical Decision-Making and Social Responsibility:**<br>Graduates will demonstrate a commitment to ethical business practices and social responsibility. The program seeks to instill in students a deep understanding of the ethical considerations within the business world, emphasizing the importance of responsible decision-making and contributing positively to society through their professional endeavours. |
| 16 | **Program Outcomes for Bachelor of Commerce (B.Com):**<br>1. **Foundational Business Knowledge:**<br>Graduates will possess a solid understanding of fundamental concepts in accounting, finance, marketing, and management, providing a broad foundation in commerce.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate the ability to think critically and solve complex business problems, integrating theoretical knowledge with practical application in real-world scenarios.<br>3. **Effective Communication Skills:**<br>Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to diverse audiences within the business context. |

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| | 4. **Quantitative and Analytical Skills:**<br>Graduates will be proficient in using quantitative and analytical tools to interpret data, make informed business decisions, and analyze financial and economic trends.<br><br>5. **Teamwork and Collaboration:**<br>Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.<br>6. **Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs) for Bachelor of Commerce (B.Com):**<br>1. **Risk Management Proficiency:**<br>Graduates of the program will demonstrate advanced proficiency in risk management, including the ability to assess, quantify, and mitigate risks within the banking and insurance sectors. This involves understanding the dynamics of financial markets, evaluating credit and investment risks, and implementing effective risk management strategies.<br>2. **Banking and Insurance Operations Competence:**<br>The program-specific outcome aims for graduates to exhibit competence in the operations of banking and insurance, showcasing their ability to navigate banking processes, insurance underwriting, and financial transactions within the regulatory frameworks of these sectors.<br>3. **Financial Decision-Making in Banking and Insurance:**<br>Graduates will possess expertise in financial decision-making specific to banking and insurance, demonstrating the ability to analyze financial data, make strategic |

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| | decisions in risk assessment, and contribute to the overall financial health of institutions within these sectors. |

**Programme Structure**

**A. Definition of Credit**:

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|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 90/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| **Total** | **130+30=160** | |

**3-year degree program: 90 + 30= 120**
**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI1101/ UM24BI1102 | Kannada shravana - 1/ Hindi-Katha saritha | 3 |
| 2 | UM24BI1103 | English Insight - 1 | 3 |
| 3 | UM24BI1104 | Principles of Management | 3 |
| 4 | UM24BI1105 | Marketing Management | 3 |
| 5 | UM24BI1106 | Financial Accounting | 3 |
| 6 | UM24BI1107/ UM24BI1108 | OEC-1 – Banking Fundamentals/ Basics of Accounting | 3 |
| 7 | SDTCD | Technical Skills | 0 |
| 8 | CASP | Life Skills | 0 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 0 |
| 10 | SA | Environmental Awareness and Community Services | 0 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 0 |

| | | | |
|---|---|---|---|
| 12 | SA | Cultural & Literary Activities | 0 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | CASP | Placement Training | 0 |
| **Total** | | | **18** |

| **Semester-2** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI1201/ UM24BI1202 | Kannada Shravana - 2 Hindi Katha Sourabha | 3 |
| 2 | UM24BI1203 | English Insight 2 | 3 |
| 3 | UM24BI1204 | Human Resource Management | 3 |
| 4 | UM24BI1205 | Financial Market and Services | 3 |
| 5 | UM24BI1206 | Advanced Financial Accounting | 3 |
| 6 | UM24BI1207 | OEC-2- Managing Workforce | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 01 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 10 | SA | Environmental Awareness and Community Services | 01 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 00 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| **Semester-3** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI2301 | Law and Practice of Banking | 3 |
| 2 | UM24BI2302 | Company Law and Practice | 3 |
| 3 | UM24BI2303 | Corporate Accounting | 3 |
| 4 | UM24BI2304 | Law and Practice of Income Tax-I | 3 |
| 5 | UM24BI2305 | OEC-3-Advertisment Skills | 3 |
| 6 | SDTCD | Technical Skills | 02 |
| 7 | CASP | Life Skills | 01 |
| 8 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 9 | SA | Environmental Awareness and Community Services | 01 |
| 10 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | SA | Cultural & Literary Activities | 00 |
| 12 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | CASP | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI2401 | Business Statistics | 2 |
| 2 | UM24BI2402 | Law and Practice of Income Tax-II | 3 |
| 3 | UM24BI2403 | General Insurance Management | 3 |
| 4 | UM24BI2404 | Project Report on Company Analysis | 3 |
| 5 | SDTCD | Technical Skills | 02 |
| 6 | CASP | Life Skills | 01 |
| 7 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 8 | SA | Environmental Awareness and Community Services | 01 |
| 9 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10 | SA | Cultural & Literary Activities | 01 |
| 11 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 12 | CASP | Placement Training | 01 |
| **Total** | | | **19** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI3501 | Elements of Costing | 3 |
| 2 | UM24BI3502 | Quantitative Aptitude | 3 |
| 3 | UM24BI3503 | Financial Management | 3 |
| 4 | UM24BI3504 | Indian Banking System | 3 |
| 5 | UM24BI3505 | Research Methodology | 2 |
| 6 | UM24BI3506 | New Venture Creation and Management | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | SA | Cultural & Literary Activities | 00 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI3601 | Practices of Life Insurance | 3 |
| 2 | UM24BI3602 | Management Accounting | 3 |
| 3 | UM24BI3603 | GST- Law and Practice | 3 |
| 4 | UM24BI3604 | International Banking and Finance | 3 |
| 5 | UM24BI3605 | Desertion Report | 3 |
| 6 | UM24BI3606 | Auditing and Assurance | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 10 | SA | Environmental Awareness and Community | 00 |

| | | | |
|---|---|---|---|
| | | Services | |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 01 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| **Semester-7** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UM24BI4701 | Technology in Banking | 4 |
| 2. | UM24BI4702 | International Business | 4 |
| 3. | UM24BI4703 | Insurance Risk Management | 4 |
| 4. | UM24BI4704 | Internship | 8 |
| 5. | SDTCD | Technical Skills | 00 |
| 6. | CASP | Life Skills | 00 |
| 7. | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 8. | SA | Environmental Awareness and Community Services | 00 |
| 9. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10. | SA | Cultural & Literary Activities | 01 |
| 11. | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12. | CASP | Placement Training | 00 |
| Total | | | 22 |

| **Semester-8** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UM24BI4801 | Risk Management in Banking | 4 |
| 2. | UM24BI4802 | Innovations in Insurance | 4 |
| 3. | UM24BI4803 | Project Work | 6 |
| 4. | SDTCD | Technical Skills | 00 |
| 5. | CASP | Life Skills | 00 |
| 6. | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 7. | SA | Environmental Awareness and Community Services | 00 |
| 8. | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9. | SA | Cultural & Literary Activities | 00 |
| 10. | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11. | CASP | Placement Training | 00 |
| 12. | | | |
| Total | | | 16 |

**List of Electives Offered**

1. Law and Practice of Banking and Insurance
2. General Insurance Management
3. Indian Banking System
4. International Banking and Finance
5. Retail Banking
6. Insurance Risk Management
7. Internship
8. Risk Management in Banking
9. Innovations in Insurance
10. Project Work

**List of Open Electives Offered**

1. Fundamentals of Banking/Basics of Accounting
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates,Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85%attendanceis essential to appear for semester end examinations.<br>Condoning of attendance shortage is as per the Academic Regulations of B Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -10% |

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| | b. Class Tests: 30%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions |

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| | 10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |

## BCom –General

## PROGRAM DETAILS

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| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B Com- General |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha H.S. |

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| 1 | **Title of the Award** | B Com -General |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November-2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

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| 14 | **Program Overview**<br>The Bachelor of Commerce (B.Com) program is a comprehensive undergraduate degree designed to provide students with a solid foundation in various facets of business and commerce. This dynamic program integrates core disciplines such as accounting, finance, marketing, and management, ensuring a well-rounded understanding of the business landscape. Through a combination of theoretical knowledge and practical application, students develop critical thinking, problem-solving, and communication skills essential for success in the business world.<br>The curriculum emphasizes real-world relevance, incorporating case studies, industry projects, and guest lectures from professionals. Students gain insights into the complexities of contemporary business challenges, including globalization, digital transformation, and sustainability. The program fosters an understanding of ethical business practices and the social responsibilities of organizations.<br>With opportunities for internships, the B.Com program offers hands-on experience, allowing students to |

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| | apply classroom learning to real business scenarios. Additionally, the flexibility of the curriculum enables students to tailor their studies to specific areas of interest, facilitating specialization in fields such as finance, marketing, or entrepreneurship. |
| 15 | **Program Educational Objectives (PEOs):**<br>**1. Holistic Business Understanding:**<br>Graduates of the B.Com program will possess a holistic understanding of key business disciplines, including accounting, finance, marketing, and management. They will be equipped with the knowledge and skills to comprehend the interdependencies among these areas, fosteringa well-rounded approach to problem-solving in diverse business contexts.<br>**2. Effective Communication and Collaboration:**<br>The program aims to cultivate graduates' ability to communicate effectively and collaborate withdiverse stakeholders. This involves honing written and oral communication skills, as well as fostering teamwork and interpersonal skills crucial for success in professional environments.<br>**3. Ethical Decision-Making and Social Responsibility:**<br>Graduates will demonstrate a commitment to ethical business practices and social responsibility. The program seeks to instil in students a deep understanding of the ethical considerations withinthe business world, emphasizing the importance of responsible decision-making and contributing<br>positively to society through their professional endeavours. |

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| 16 | **Program Outcomes for Bachelor of Commerce (BCom):**<br>• **Foundational Business Knowledge:**<br>Graduates will possess a solid understanding of fundamental concepts in accounting, finance, marketing, and management, providing a broad foundation in commerce.<br>• **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate the ability to think critically and solve complex business problems, integrating theoretical knowledge with practical application in real-world scenarios.<br>• **Effective Communication Skills:**<br>Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to diverse audiences within the business context.<br>• **Quantitative and Analytical Skills:**<br>Graduates will be proficient in using quantitative and analytical tools to interpret data, make informed business decisions, and analyse financial and economic trends.<br>• **Teamwork and Collaboration:**<br>Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities and contribute constructively to achieve common business goals.<br>• **Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities. |

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| | **7. Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>**8. Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs):**<br>**1 Entrepreneurial Skill Development:**<br>The program-specific objective is to foster entrepreneurial skills among students, enabling them to identify business opportunities, develop innovative solutions, and create value in entrepreneurial ventures.<br>**2 Financial Literacy and Decision-Making:**<br>The program aims to enhance students' financial literacy and decision-making abilities, providing them with specific skills to analyse financial data, make informed financial decisions, and contribute effectively to organizational financial strategies.<br>**3 E-commerce and Digital Business Competence:**<br>The program-specific objective is to equip students with competence in e-commerce and digital business practices, enabling them to navigate the digital landscape, understand online market dynamics, and contribute to the success of businesses in the digital era. |

## Programme Structure

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 90/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 90 + 30= 120**

**4 Year Honours Program: 130+30= 160**

## 18. Courses and Credits:

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC1101/<br>UM24BC1102 | Kannada Shravana 1/<br>Hindi Katha Sarathi | 3 |
| 2 | UM24BC1103 | English Insight 1 | 3 |
| 3 | UM24BC1104 | Principles of Management | 3 |
| 4 | UM24BC1105 | Marketing Management | 3 |
| 5 | UM24BC1106 | Financial Accounting | 3 |
| 6 | UM24BC1107/<br>UM24BC1108 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | SDTCD | Technical Skills | 0 |
| 8 | CASP | Life Skills | 0 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 0 |
| 10 | SA | Environmental Awareness and Community Services | 0 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | SA | Cultural & Literary Activities | 0 |
| 13 | SA&SP | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | CASP | Placement Training | 0 |
| Total | | | 18 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC1201/<br>UM24BC1202 | Kannada Shravana 2/<br>Hindi Sourabha 2 | 3 |
| 2 | UM24BC1203 | English Insight 2 | 3 |
| 3 | UM24BC1204 | Human Resource Management | 3 |
| 4 | UM24BC1205 | Financial Market and Services | 3 |
| 5 | UM24BC1206 | Advanced Financial Accounting | 3 |
| 6 | UM24BC1207 | OEC-2- Managing Workforce | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 01 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 10 | SA | Environmental Awareness and Community Services | 01 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 00 |
| 13 | SA&SP | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 00 |
| Total | | | 22 |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC2301 | Law and Practice of Banking | 3 |
| 2 | UM24BC2302 | Company Law and Practice | 3 |
| 3 | UM24BC2303 | Corporate Accounting | 3 |
| 4 | UM24BC2304 | Law and Practice of Income Tax-I | 3 |
| 5 | UM24BC2305 | OEC-3-Advertisment Skills | 3 |
| 6 | SDTCD | Technical Skills | 02 |
| 7 | CASP | Life Skills | 01 |
| 8 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 9 | SA | Environmental Awareness and Community Services | 01 |
| 10 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | SA | Cultural & Literary Activities | 00 |
| 12 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | CASP | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC2401 | Project Report on Company Analysis | 2 |
| 2 | UM24BC2402 | Auditing and Assurance | 3 |
| 3 | UM24BC2403 | Advanced Corporate Accounting | 3 |
| 4 | UM24BC2404 | Law and Practice of Income Tax-II | 3 |
| 5 | SDTCD | Technical Skills | 02 |
| 6 | CASP | Life Skills | 01 |
| 7 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 8 | SA | Environmental Awareness and Community Services | 01 |
| 9 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10 | SA | Cultural & Literary Activities | 01 |
| 11 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 12 | CASP | Placement Training | 01 |
| **Total** | | | **18** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC3501 | Elements of Costing | 3 |
| 2 | UM24BC3502 | Quantitative Aptitude | 3 |
| 3 | UM24BC3503 | Business Statistics | 3 |
| 4 | UM24BC3504 | Financial Management | 3 |
| 5 | UM24BC3505 | Research Methodology | 2 |
| 6 | UM24BC3506 | New Venture and Creation Management | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | SA | Cultural & Literary Activities | 00 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 01 |
| 15 | | | |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC3601 | Methods and Techniques of Costing | 3 |
| 2 | UM24BC3602 | Management Accounting | 3 |
| 3 | UM24BC3603 | GST- Law and Practice | 3 |
| 4 | UM24BC3604 | Organisational Behaviour | 3 |
| 5 | UM24BC3605 | Desertion Report | 3 |
| 6 | UM24BC3606 | Indian Business Environment | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 01 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-7 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24BC4701 | Applied Managerial Economics | 4 |
| 2 | UM24BC4702 | International Business | 4 |
| 3 | UM24BC4703 | Advance Management Accounting | 4 |
| 4 | UM24BC4704 | Internship | 8 |
| 5 | | | |
| 6 | | | |
| 7 | SDTCD | Technical Skills | 00 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Environmental Awareness and Community Services | 00 |
| 10 | SA | | 00 |
| 11 | SA | | 00 |
| 12 | SA | Cultural & Literary Activities | 01 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 14 | CASP | Placement Training | 00 |
| 15 | | | |
| Total | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UM24BC4801 | Financial Reporting- IFRS | 4 |
| 2 | UM24BC4802 | Operations Research | 4 |
| 3 | UM24BC4803 | Project Work | 8 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | SDTCD | Technical Skills | 00 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | | 00 |
| 12 | SA | | 00 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 14 | CASP | Placement Training | 00 |
| 15 | | | |
| Total | | | 18 |

**List of Open Electives Offered**

1. Fundamentals of Banking/ Basics of Accounting.
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum** |

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| | **grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

## PROGRAM DETAILS

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|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | M Com- Accounting and Taxation |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha. H. S. |

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| 1 | **Title of the Award** | M Com- Accounting and Taxation |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM)<br>GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Master's program in Commerce (M.Com) specializing in Accounting and Taxation along with Forensic Accounting, is designed to offer an advanced and specialized curriculum for students seeking expertise in financial management, accounting principles, taxation regulations, and forensic accounting practices. This comprehensive program integrates core concepts in accounting and taxation with a focus on forensic accounting techniques and methodologies. | |

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| | Students will engage in a robust curriculum that covers advanced topics such as financial reporting, auditing, taxation planning, and forensic accounting investigation methods. The program combines theoretical knowledge with practical applications, preparing graduates for managerial and leadership roles in accounting firms, tax consultancy, corporate finance. The curriculum also addresses ethical considerations, compliance with accounting and taxation standards, and the legal implications.<br>With a faculty of experienced professionals and opportunities for hands-on projects, internships, and industry collaborations, graduates of this M. Com program emerge with a specialized skill set, ready to make significant contributions to the fields of accounting, taxation in diverse business settings. |
| 15 | **Program Educational Objectives (PEOs):**<br>**1. Advanced Accounting Expertise:**<br>Graduates of the program will attain advanced expertise in accounting, demonstrating a deep understanding of financial reporting, and compliance with accounting standards in diverse business environments.<br>**2. Advanced Taxation Expertise:**<br>Graduates of the program will attain advanced expertise in taxation, emphasising compliance with various provisions and exemptions of taxation policies pertaining to IT Act, GST, Customs and Exercise etc.<br>**3. Ethical Leadership and Compliance:**<br>Graduates will develop the ability to lead ethically in accounting and taxation, emphasizing compliance with legal and ethical standards. The program seeks to instil a commitment to professional integrity and responsible financial practices within the realms of accounting, taxation. |
| 16 | **Program Outcomes for M.Com:**<br>**1. Advanced Financial Reporting:**<br>Graduates will demonstrate proficiency in preparing and analyzing advanced financial statements, understanding and applying requisite accounting standards and regulations.<br>**2. Strategic Tax Planning:**<br>Graduates will possess the ability to develop and implement strategic tax planning initiatives, considering legal and ethical implications while optimizing tax positions for individuals and organizations.<br>3. **Risk Assessment and Management:** Graduates will demonstrate competency in assessing and managing financial risks, integrating risk management principles into accounting and taxation practices. |

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| | 4. **Ethical Decision-Making**:<br>Graduates will exhibit ethical decision-making skills, understanding and applying ethical standards in accounting, taxation, and forensic accounting contexts.<br>5. **In-Depth Knowledge of Tax Regulations**:<br>Graduates will have in-depth knowledge of tax regulations, enabling them to navigate complex tax laws, provide accurate advice, and ensure compliance in various tax environments.<br>6. **Effective Communication in Accounting and Taxation:** Graduates will communicate complex accounting and taxation concepts effectively, adapting their communication style to different stakeholders, both within and outside the organization.<br>7. **Application of Technology in Accounting:** Graduates will be proficient in leveraging technological tools and accounting software to enhance efficiency in accounting and taxation processes, ensuring adaptability to evolving technological landscapes. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Use of Technology in Accounting and Taxation:**<br>Graduates will be able to gain knowledge in using technology in accounting and taxation management and will be proficient in the use of MS Excel, Tally, SAP etc.<br>2. **Tax Compliance and Planning Proficiency:**<br>Program-specific outcomes include graduates exhibiting proficiency in tax compliance and planning, showcasing the ability to navigate complex tax codes, strategize for tax optimization, and ensure regulatory adherence.<br>3. **Ethical Leadership in Accounting Practices:**<br>Graduates will demonstrate ethical leadership in accounting practices, integrating ethical considerations into decision-making processes and promoting responsible financial practices within the realms of accounting, taxation. |

**18. Credit Requirements**

- To complete a postgraduate program- M.Com., a student is required to earn 100 credits
- The credit distribution for M. Com Program:
  - Course work- 21 courses x 4 credits = 84 credits (in a chosen specialization)
  - Project work- = 08 credits
  - Dissertation = 08 Credits
  - Total = 100 Credits

| S | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 1 | PO23ATC11 | Financial Reporting -IND AS | 4 |
| 2 | | PO23ATC12 | Strategic Financial Management | 4 |
| 3 | | PO23ATC13 | Modern Management Practices | 4 |
| 4 | | PO23ATC14 | Quantitative analysis | 4 |
| 5 | | PO23ATC15 | Strategic Marketing management | 4 |
| 6 | | PO23ATC16 | Applied managerial Economics | 4 |
| Break | | | | |
| 1 | 2 | PO23ATC21 | Financial Reporting- IFRS | 4 |
| 2 | | PO23ATC22 | Business Research Methods | 4 |
| 3 | | PO23ATC23 | Operations Research | 4 |
| 4 | | PO23ATC24 | International Business | 4 |
| 5 | | PO23ATC25 | Forensic Accounting | 4 |
| 6 | | PO23ATC26 | Strategic Human Resource management | 4 |
| 7 | | PO23ATC27 | Organisational Study Report | 4 |
| Break | | | | |
| 1 | 3 | PO23ATE33 | Advanced Management Accounting | 4 |
| 2 | | PO23ATE34 | Contemporary issues in Accounting | 4 |
| 3 | | PO23ATE35 | Corporate Tax planning and Management | 4 |
| 4 | | PO23ATE36 | Direct taxes – Law and practice | 4 |
| 5 | | P023ATE37 | Internship | 8 |
| **Break** | | | | |
| 1 | 4 | PO23ATC41 | Entrepreneurship Development | **4** |
| 2 | | PO23ATE43 | Strategic Cost Accounting | **4** |
| 3 | | PO23ATE44 | Customs duty – Law and Practice | **4** |
| 4 | | PO23ATE45 | GST and Other Taxes | **4** |
| 5 | | PO23ATE46 | Project report - Dissertation | **8** |
| 6 | | | | |

**19. Programme Structure**

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| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. Semester End Examination-50% weight<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 40% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>**4.** End of each Semester –grade card will be issued |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 100 credits, for the award of M.Com. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 4 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning** |

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|---|---|
| | 1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# MTech. – Deep Learning

## PROGRAM DETAILS

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|---|---|
| **School** | GM School of Advanced Studies |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Program** | M. Tech. in Deep Learning |
| **Program Manager** | Prof. Nayana K |

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|---|---|---|
| 1 | **Title of the Award** | M. Tech. in Deep Learning |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | GM School of Advanced Studies GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

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|---|---|
| 14 | **Program Overview: Masters in Deep Learning**<br>The Masters program in Deep Learning provides an advanced and comprehensive education for students seeking expertise in the cutting-edge field of artificial intelligence (AI) and deep learning. This program is meticulously designed to equip students with the theoretical knowledge and practical skills necessary to tackle complex challenges in machine learning, neural networks, and deep learning applications.<br>**Program Structure:**<br>Spanning across an intensive curriculum, the program integrates core concepts of machine learning with a specialized focus on deep learning methodologies. Over the course of the program, students engage in advanced coursework, hands-on projects, and research opportunities that delve into the intricacies of neural networks, natural language processing, computer vision, and reinforcement learning.<br>**Hands-On Experience:**<br>The program adopts a hands-on approach, encouraging students to apply theoretical knowledge to real-world scenarios. Through projects and practical applications, students gain proficiency in using state-of-the-art tools and frameworks, honing their skills in developing, training, and optimizing deep learning models.<br>**Key Areas of Study:**<br>• Fundamentals of machine learning and statistical modelling.<br>• In-depth exploration of neural networks and their architectures.<br>• Advanced topics in deep learning, including convolutional neural networks (CNNs) and recurrent neural networks (RNNs).<br>• Applications of deep learning in natural language processing, computer vision, and speech recognition.<br>• Ethical considerations and responsible AI practices in deep learning.<br>**Career Opportunities:**<br>Upon completion, graduates are well-positioned for exciting career opportunities in industries such as technology, healthcare, finance, and research. Potential roles include deep learning engineer, machine learning researcher, AI specialist, and data scientist, among others. |

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| | **Research and Innovation:**<br>The program emphasizes research and innovation, providing students with opportunities to contribute to the evolving landscape of deep learning. Collaborative projects and engagement with industry experts foster an environment where students can push the boundaries of current knowledge.<br>**The Future of Deep Learning:**<br>As the demand for AI and deep learning expertise continues to grow, the Masters program in Deep Learning prepares graduates to be at the forefront of innovation. The program's forward-looking approach ensures that graduates are equipped to shape the future of AI and contribute meaningfully to advancements in the field. The Masters program in Deep Learning is a transformative journey for those aspiring to lead in the dynamic and rapidly evolving domain of artificial intelligence and deep learning.<br>**Program Duration:**<br>The Masters program in Deep Learning typically spans two academic years, with a combination of coursework, projects, and research activities. Students may have the option to pursue internships or participate in cooperative education experiences to gain additional practical exposure. |
| 15 | **Program Educational Objectives (PEOs) for Masters in Deep Learning:**<br>**PEO-1: Expertise in Advanced Deep Learning Concepts:**<br>Upon completion of the Masters program in Deep Learning, graduates will demonstrate expertise in advanced deep learning concepts, including neural network architectures, optimization algorithms, and specialized applications such as computer vision, natural language processing, and reinforcement learning. They will possess a deep understanding of theoretical foundations and practical implementation, enabling them to address complex challenges in the field.<br>**PEO-2: Innovation and Research Contribution:**<br>Graduates will be equipped to contribute to the innovation and advancement of deep learning through meaningful research and development. They will have the skills to identify, analyse, and propose solutions to emerging challenges in the field, fostering a commitment to continuous learning and staying at the forefront of evolving technologies.<br>**PEO-3: Leadership in Ethical AI Practices:**<br>The program aims to cultivate leadership qualities in graduates, emphasizing ethical considerations in AI and deep learning. Graduates will demonstrate a commitment to responsible AI practices, considering the societal impact of their work. They will be prepared to lead AI initiatives with a focus on ethical decision-making, ensuring the responsible and sustainable application of deep learning technologies. |

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|---|---|
| 16 | **Program Outcomes (POs) for Masters in Deep Learning:**<br>**1. Mastery of Deep Learning Fundamentals:**<br>Graduates will demonstrate a comprehensive understanding of deep learning principles, including neural network architectures, optimization algorithms, and advanced techniques. They will apply this knowledge to analyse and solve complex problems in various domains, showcasing mastery in the foundational aspects of deep learning.<br>**2. Advanced Skillset in Specialized Applications:**<br>Upon completion, students will possess advanced skills in applying deep learning to specialized areas such as computer vision, natural language processing, and reinforcement learning. They will design and implement solutions for real-world challenges, showcasing expertise in adapting deep learning techniques to diverse applications.<br>**3. Research Proficiency and Contribution:**<br>Graduates will exhibit the ability to conduct original research in deep learning, contributing to the academic and industrial knowledge base. They will be proficient in literature review, experimental design, and research methodologies, fostering a culture of innovation and making meaningful contributions to the field.<br>**4. Effective Communication of Complex Concepts:**<br>The program aims to enhance graduate's communication skills, enabling them to articulate complex deep learning concepts effectively. Graduates will be adept at presenting their findings, collaborating with interdisciplinary teams, and conveying technical information to both technical and non-technical stakeholders.<br>**5. Ethical Considerations in AI:**<br>The curriculum emphasizes ethical considerations in AI and deep learning. Graduates will demonstrate an understanding of the ethical implications of AI technologies, including privacy, bias, and societal impact. They will integrate ethical considerations into their work, promoting responsible AI practices. |

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| | **6. Adaptability to Emerging Technologies:**<br>Graduates will showcase adaptability to emerging technologies and methodologies in the rapidly evolving field of deep learning. They will actively seek opportunities for continuous learning, staying abreast of the latest research, industry trends, and technological advancements.<br>**7. Collaboration and Interdisciplinary Engagement:**<br>The program fosters collaboration and interdisciplinary engagement. Graduates will excel in working collaboratively within diverse teams, leveraging their deep learning expertise to contribute effectively to projects and initiatives that require a multidisciplinary approach.<br>**8. Leadership in AI Initiatives:**<br>Graduates will be prepared for leadership roles in AI initiatives, demonstrating the ability to lead and manage projects related to deep learning applications. They will exhibit strategic thinking, project management skills, and the capacity to drive innovation in AI technologies.<br>**9. Continuous Professional Development:**<br>The program instils a commitment to continuous professional development. Graduates will recognize the importance of lifelong learning, actively seeking opportunities for skill enhancement, and contributing to the advancement of deep learning and AI as lifelong learners and professionals in the field. |
| 17 | **Program Specific Objectives (PSOs) for Masters in Deep Learning:**<br>**PSO-1: Advanced Understanding of Neural Network Architectures:**<br>Graduates will demonstrate an advanced understanding of various neural network architectures, enabling them to select, design, and implement effective models for diverse deep learning applications.<br>**PSO-2: Expertise in Optimizing Deep Learning Models:**<br>Students will acquire expertise in optimizing deep learning models, encompassing the implementation of optimization algorithms, regularization techniques, and hyper parameter tuning to enhance model performance and efficiency.<br>**PSO-3: Application of Deep Learning in Specialized Domains:**<br>Upon completion of the program, students will develop specialized skills in applying deep learning techniques to specific domains such as computer vision, natural language processing, reinforcement learning, and demonstrating practical expertise in tailored applications. |

**Credit Requirements**

- GM School of Advanced Studies is a Postgraduate School
- School offers industry relevant Postgraduate Engineering Programs
- Each program is offered in modular form means one module at a time is offered
- Each module is run for 6 Weeks
- Students are evaluated based on assignment submissions and module end examination  To complete a postgraduate program- M. Tech., a student is required to earn 80 credits
- Those students who successfully complete only course work (40 Credits) Postgraduate Diploma is awarded
- The credit distribution for M. Tech Program:
    - Course work- 10 courses x 4 credits= 40 credits (in a chosen specialization)
    - Internship = 15 credits
    - Project = 25 Credits
    - Total = 80 Credits

**Programme Structure**

| Sl. No. | Module Code | Module Title | Credits | Module Delivery (Weeks) |
|---|---|---|---|---|
| 1 | PE24DL5101 | Essentials of Deep Learning | 4 | 1-6 |
| 2 | PE24DL5102 | Neural Network Architectures | 4 | 7-12 |
| 3 | PE24DL5103 | Deep Learning for Smart Devices | 4 | 13-18 |
| 4 | PE24DL5104 | Natural Language Processing | 4 | 19-24 |
| Break 25-26 | | | | |
| 5 | PE24DL5201 | Visual Perception Technology | 4 | 26-32 |
| 6 | PE24DL5202 | TensorFlow and Keras | 4 | 33-38 |
| 7 | PE24DL5203 | Transfer Learning and Application | 4 | 39-44 |
| 8 | PE24DL5204 | Text and Sentiment Analysis | 4 | 45-50 |
| Break 51-52 | | | | |
| 9 | PE24DL5301 | Predictive Analytics | 4 | 53-58 |
| 10 | PE24DL5302 | Transparent Artificial Intelligence | 4 | 59-64 |

| | | | | |
|---|---|---|---|---|
| 11 | PE24DL5303 | Internship | 15 | 65-76 |
| Break 77- 78 | | | | |
| 12 | PE24DL5401 | Project | 25 | 79-104 |

**Conduction of Classes**

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| Week-1 | Teaching | Teaching | Teaching | Teaching | Teaching |
| Week-2 | Teaching | Teaching | Teaching | Teaching | Teaching |
| Week-3 | Assignments | Assignments | Assignments | Assignments | Assignments |
| Week-4 | Assignments | Assignments | Assignments | Assignments | Assignments |
| Week-5 | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation |
| Week-6 | Examination Preparation | Examination Preparation | Examination Preparation | Examination Preparation | Module End Examination |

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| 21 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 22 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |

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| 23 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. End of Module Examination-50% weight<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 5160 : B (Above Average); below 50: C(Not satisfactory)<br>• If one scores C grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 50% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 50% in each component.**<br>4. End of each module –grade card will be issued |
| 24 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 80 credits, for the award of M. Tech. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 4 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |
| 25 | **Student Support for Learning**<br>1. Module Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |

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| 26 | **Quality Control Measures**<br>1. Review of Module Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Module Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# M. Tech. – AI in Healthcare

## PROGRAM DETAILS

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| **School** | GM School of Advanced Studies |
| **Director of School** | Dr. Sanjay Pande M B |
| **Program** | M. Tech. AI in Healthcare |
| **Program Director** | Prof. Sandhya R Savanur |

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| 1 | **Title of the Award** | M. Tech. in AI in Healthcare |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | GM School of Advanced Studies GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Module Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

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| 14 | **Program Overview: Masters in AI in Healthcare**<br>The Masters program in Artificial Intelligence (AI) in healthcare offers an advanced and specialized education for individuals seeking expertise at the intersection of artificial intelligence and healthcare. Designed to meet the growing demand for professionals in this evolving field, the program integrates cutting-edge AI technologies with the complexities of healthcare systems.<br>**Curriculum Integration:**<br>Over the course of the program, students engage in a comprehensive curriculum that combines foundational AI principles with domain-specific healthcare knowledge. The curriculum includes in-depth studies on machine learning, deep learning, natural language processing, and data analytics, tailored to address healthcare challenges.<br>**Interdisciplinary Approach:**<br>Recognizing the interdisciplinary nature of AI in healthcare, the program adopts a holistic approach. Students explore the integration of AI technologies into medical diagnosis, treatment planning, personalized medicine, and healthcare management. They gain insights into the ethical, legal, and social implications of AI applications in the healthcare domain.<br>**Hands-On Learning:**<br>A hands-on learning approach is emphasized, providing students with practical experience in developing AI solutions for healthcare scenarios. Real-world projects, case studies, and internships enable students to apply theoretical knowledge to solve complex problems in healthcare settings.<br>**Key Focus Areas:**<br>The program emphasizes key focus areas such as medical image analysis, predictive modelling, electronic health record (EHR) optimization, and AI-driven decision support systems. Students gain proficiency in leveraging AI tools to extract valuable insights from vast healthcare datasets.<br>**Industry-Relevant Skills:**<br>Graduates emerge with a skill set that includes advanced programming, data manipulation, algorithm development, and the ability to implement AI solutions in healthcare settings. They are well-prepared to contribute to the ongoing transformation of the healthcare industry through innovative AI applications.<br>**Career Opportunities:**<br>The Master's in AI in Healthcare prepares graduates for diverse roles in healthcare organizations, research institutions, pharmaceutical companies, and technology firms. Career paths include AI specialists in healthcare, data scientists, healthcare analysts, and consultants focused on AI integration in healthcare.<br>**Ethical Considerations:** |

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| | Given the sensitive nature of healthcare data, the program emphasizes ethical considerations and privacy concerns associated with AI technologies. Graduates are equipped to navigate regulatory frameworks and ensure responsible AI practices in healthcare.<br><br>**Research and Innovation:**<br>The program encourages research and innovation in AI applications for healthcare. Students have opportunities to collaborate on research projects, contributing to advancements in the field and addressing emerging challenges.<br>The Masters of AI in Healthcare aims to produce professionals who can bridge the gap between AI and healthcare, fostering a new era of data-driven, efficient, and patient-centric healthcare solutions**.** |
| 15 | **Program Educational Objectives (PEOs) for Masters in AI in Healthcare:**<br>**PEO-1: AI Expertise Integration**<br>Graduates of the Masters program in AI in Healthcare will possess advanced expertise in integrating artificial intelligence (AI) technologies with healthcare systems. They will apply AI methodologies to address complex challenges in medical diagnosis, treatment planning, and healthcare management, demonstrating proficiency in leveraging AI for improved patient outcomes.<br>**PEO-2: Ethical and Responsible AI Practices**<br>Upon completion of the program, graduates will exhibit a strong commitment to ethical and responsible AI practices in the healthcare domain. They will navigate regulatory frameworks, ensuring the privacy and security of healthcare data. Graduates will contribute to the development and implementation of AI solutions while upholding ethical standards and respecting patient confidentiality**.**<br>**PEO-3: Innovative Contributions to Healthcare Transformation**<br>The program aims to prepare graduates for innovative contributions to the ongoing transformation of the healthcare industry. Alumni will be equipped to drive advancements in medical AI applications, influencing the development of AI-driven decision support systems, personalized medicine, and other cutting-edge healthcare solutions. |

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| 16 | **Program Outcomes (POs) for Masters in AI in Healthcare:**<br>**PO-1: Advanced AI Application Proficiency**<br>Graduates will demonstrate advanced proficiency in applying artificial intelligence techniques and technologies to healthcare scenarios. They will exhibit in-depth knowledge of machine learning, natural language processing, and computer vision applications in medical data analysis, diagnosis, and decision support systems.<br>**PO-2: Collaborative Interdisciplinary Practices**<br>Upon completion of the program, graduates will showcase the ability to collaborate in interdisciplinary healthcare teams. They will effectively communicate AI-driven insights to healthcare professionals, fostering collaboration between AI specialists and medical practitioners for improved patient care.<br>**PO-3: Healthcare Data Governance and Security**<br>Graduates will exhibit expertise in healthcare data governance and security within an AI context. They will understand the regulatory landscape, ensuring compliance with healthcare data protection standards. Graduates will implement measures to safeguard sensitive patient information in AI-driven healthcare applications.<br>**PO-4: Innovative AI-Enabled Healthcare Solutions**<br>The program aims to equip graduates with the capability to conceive, design, and implement innovative<br>AI-enabled solutions for healthcare challenges. Graduates will contribute to the development of novel<br>applications, such as predictive analytics, personalized treatment plans, and AI-driven diagnostics, to enhance the quality and efficiency of healthcare services.<br>**PO-5: Ethical Considerations and Patient-Centric Approach**<br>Graduates will demonstrate a commitment to ethical considerations in AI applications within healthcare. They will prioritize patient-centric approaches, addressing ethical concerns related to fairness, transparency, and accountability in the development and deployment of AI technologies in healthcare settings.<br>**PO-6: Continuous Learning and Adaptability**<br>The Master's program aims to instill a commitment to continuous learning and adaptability in graduates. They will actively seek opportunities to stay abreast of emerging AI technologies and healthcare advancements, ensuring their ability to contribute to the evolving landscape of AI in healthcare. |

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| 17 | **Program Specific Objectives (PSOs) for Masters in AI in Healthcare:**<br>**PSO-1: Analyse and Optimize AI Algorithms for Healthcare Applications**<br>Graduates will demonstrate the ability to analyse healthcare data, identify relevant patterns, and optimize AI algorithms for applications such as disease prediction, diagnostic imaging, and personalized treatment planning. They will leverage their understanding of machine learning and data analytics to enhance the efficiency and accuracy of AI-driven healthcare solutions.<br>**PSO-2: Develop and Implement Ethical AI Solutions in Healthcare**<br>Upon completion of the program, graduates will be proficient in developing AI solutions that align with ethical considerations in healthcare. They will integrate ethical principles into the design and deployment of AI applications, ensuring fairness, transparency, and accountability in decision-making processes related to patient care.<br>**PSO-3: Collaborate on Interdisciplinary AI-Healthcare Projects**<br>The program aims to equip graduates with collaborative skills to work on interdisciplinary projects involving AI and healthcare. Graduates will engage in effective communication with healthcare professionals, data scientists, and policymakers to address complex healthcare challenges. They will contribute to the development and implementation of AI solutions that positively impact patient outcomes and healthcare delivery.<br>**PSO-4: Innovate AI-Driven Solutions for Personalized Healthcare**<br>Graduates will showcase innovation in designing AI-driven solutions tailored to individual patient needs. They will develop applications that contribute to personalized healthcare, including patient risk assessment, treatment recommendations, and monitoring. Graduates will strive to improve the overall effectiveness and patient experience in healthcare through innovative AI applications. |

**18. Credit Requirements**

- GM School of Advanced Studies is a Postgraduate School
- School offers industry relevant Postgraduate Engineering Programs
- Each program is offered in modular form means one module at a time is offered
- Each module is run for 6 Weeks
- Students are evaluated based on assignment submissions and module end examination
- To complete a postgraduate program- M. Tech., a student is required to earn 80 credits
- Those students who successfully complete only course work (40 Credits) Postgraduate Diploma is awarded
- The credit distribution for M. Tech Program:
    - Course work- 10 courses x 4 credits= 40 credits (in a chosen specialization)
    - Project work = 15 credits
    - Dissertation = 25 Credits
    - Total = 80 Credits

**19. Programme Structure**

| Sl. No. | Module Code | Module Title | Credits | Module Delivery (Weeks) |
|---|---|---|---|---|
| 1 | PE24AH5101 | Artificial Intelligence and Machine Learning in Healthcare | 4 | 1-6 |
| 2 | PE24AH5102 | Natural Language Processing in Healthcare | 4 | 7-12 |
| 3 | PE24AH5103 | Health Informatics | 4 | 13-18 |
| 4 | PE24AH5104 | Clinical Medicine and Clinical Informatics | 4 | 19-24 |
| Break 25-26 | | | | |
| 5 | PE24AH5201 | Data Security in Healthcare | 4 | 26-32 |
| 6 | PE24AH5202 | Healthcare Data Management and Optimization | 4 | 33-38 |
| 7 | PE24AH5203 | Computational Algorithms for Healthcare Applications | 4 | 39-44 |
| 8 | PE24AH5204 | Medical Images Analysis | 4 | 45-50 |
| Break 51-52 | | | | |

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| 9 | PE24AH6301 | Digital Healthcare Technologies | 4 | 53-58 |
| 10 | PE24AH6302 | Data Science and Analytical Tools in Healthcare | 4 | 59-64 |
| 11 | PE24AH6303 | Internship | 15 | 65-76 |
| Break 77- 78 | | | | |
| 12 | PE24AH6401 | Project | 25 | 79-104 |

**20. Conduction of Classes**

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| Week-1 | Teaching | Teaching | Teaching | Teaching | Teaching |
| Week-2 | Teaching | Teaching | Teaching | Teaching | Teaching |
| Week-3 | Assignments | Assignments | Assignments | Assignments | Assignments |
| Week-4 | Assignments | Assignments | Assignments | Assignments | Assignments Submission |
| Week-5 | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation |
| Week-6 | Examination Preparation | Examination Preparation | Examination Preparation | Examination Preparation | Module End Examination |

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| 21 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 22 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 23 | **Assessment and Grading**<br>1. Every module will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. End of Module Examination-50% weight<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory) |

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| 24 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 80 credits, for the award of**<br>**M. Tech. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any module over 4 semesters and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |
| 25 | **Student Support for Learning**<br>1. Module Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 26 | **Quality Control Measures**<br>1. Review of Module Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Module Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

## Program Details

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| **School** | GM School of Advanced Studies |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Program** | M. Tech. in Computer Aided Structural Engineering |
| **Program Director** | Dr. B K Varun |

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| 1 | **Title of the Award** | M. Tech. in Computer Aided Structural Engineering |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | GM School of Advanced Studies<br>GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Module Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

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| 14 | **Program Overview for Masters in Computer-Aided Structural Engineering:**<br>The Master's program in Computer-Aided Structural Engineering offers an advanced and comprehensive education for students aspiring to excel in the field of structural engineering. This program is meticulously designed to provide students with a deep understanding of theoretical principles and practical applications of computer-aided tools in structural engineering, fostering innovative approaches to design, analysis, and optimization of structures.<br>**Key Program Components:**<br>**Advanced Structural Engineering Concepts:**<br>Students will delve into advanced concepts of structural engineering, gaining insights into the behaviour of various materials and structural systems. The curriculum emphasizes both classical and modern approaches to structural analysis and design.<br>**Computer-Aided Tools and Software:**<br>The program adopts a hands-on approach, incorporating the latest computer-aided tools and software used in structural engineering. Students will gain proficiency in utilizing cutting-edge software for structural analysis, design, and simulation.<br>**Structural Optimization Techniques:**<br>Participants will explore optimization techniques to enhance the efficiency and performance of structures. This includes the application of algorithms and computational methods to achieve optimal designs, considering factors such as cost, safety, and sustainability.<br>**Interdisciplinary Applications:**<br>The interdisciplinary nature of the program allows students to apply their knowledge in various domains, collaborating with professionals from architecture, construction, and related fields. This approach prepares graduates to address complex challenges in real-world structural engineering projects. |

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| | **Research and Innovation:**<br>The program encourages research and innovation in structural engineering. Students will have opportunities to engage in research projects, exploring novel solutions, materials, and construction methods that contribute to advancements in the field.<br>**Industry-Relevant Projects:**<br>The curriculum integrates industry-relevant projects, enabling students to apply theoretical knowledge to practical scenarios. This ensures that graduates are well-prepared to meet the demands of the professional landscape upon completion of the program.<br>**Professional Development:**<br>The Masters program aims to nurture not only technical skills but also professional competencies. Graduates will develop effective communication, teamwork, and leadership abilities essential for success in the dynamic field of structural engineering. |

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| | **Career Opportunities:**<br>Graduates of the program will be equipped for diverse career opportunities in structural engineering firms, construction companies, research institutions, and consulting agencies. Potential roles include structural engineer, project manager, design consultant, and research specialist. **Program Duration:**<br>The Masters in Computer-Aided Structural Engineering is completed over two years duration, providing students with a comprehensive education that prepares them for impactful careers and leadership roles in the field of structural engineering. |
| 15 | **Program Educational Objectives (PEOs) for Masters in Computer-Aided Structural Engineering:**<br>**PEO-1: Advanced Technical Proficiency:**<br>Upon completion of the Master's program, graduates will demonstrate advanced technical proficiency in computer-aided structural engineering. They will possess a deep understanding of structural analysis, design, and optimization, utilizing state-of-the-art tools and software to address complex challenges in the field.<br>**PEO-2: Innovative Problem-Solving Skills:**<br>Graduates will develop innovative problem-solving skills, applying computational methods and optimization techniques to design structurally efficient and sustainable solutions. They will be capable of addressing real-world structural engineering problems through creative and interdisciplinary approaches.<br>**PEO-3: Leadership in Structural Engineering Practices:**<br>The program aims to instil leadership qualities in graduates, preparing them to lead structural engineering initiatives. Graduates will be equipped to take on roles as project leaders, design consultants, or researchers, contributing to advancements in the field and guiding teams in complex engineering projects.<br>The overarching goal of the Masters in Computer-Aided Structural Engineering is to produce graduates who are not only technically adept but also possess the analytical, innovative, and leadership skills necessary to make significant contributions to the evolving field of structural engineering. The program aims to prepare individuals for successful and impactful careers as leaders and innovators in structural engineering practices. |

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| 16 | **Program Outcomes (POs) for Masters in Computer-Aided Structural Engineering:**<br>1. **Structural Analysis Proficiency:** Graduates will demonstrate a deep understanding of structural analysis principles, applying advanced computational techniques to model and analyze complex structural systems.<br>2. **Innovative Design Skills:** Graduates will possess the ability to creatively design and optimize structures using computer-aided tools, considering factors such as efficiency, sustainability, and safety.<br>3. **Advanced Computational Techniques:** Graduates will be proficient in utilizing cutting-edge computational methods and software tools for structural simulations, finite element analysis, and optimization processes.<br>4. **Interdisciplinary Collaboration:** Graduates will excel in collaborating with professionals from related disciplines, effectively integrating structural engineering principles into multidisciplinary projects.<br>5. **Effective Communication of Structural Solutions:** Graduates will be adept at communicating complex structural engineering concepts and solutions to both technical and non-technical stakeholders through reports, presentations, and visualizations.<br>6. **Ethical and Sustainable Practices:** Graduates will exhibit a strong commitment to ethical engineering practices and sustainability considerations, integrating these principles into structural design and decision-making processes.<br>7. **Leadership in Engineering Projects:** Graduates will demonstrate leadership skills, capable of guiding engineering teams, managing projects, and making informed decisions in the context of structural engineering initiatives.<br>8. **Continuous Learning and Adaptability:** Graduates will recognize the importance of continuous learning and staying abreast of emerging technologies, research, and industry trends in the field of computer-aided structural engineering.<br>The program outcomes are designed to ensure that graduates are well-prepared to meet the challenges of the dynamic field of computer-aided structural engineering, contributing to advancements in structural design, analysis, and optimization. |

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| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Advanced Structural Modelling:** Graduates will demonstrate the ability to create advanced structural models using computer-aided tools, integrating diverse materials and accounting for complex geometric configurations.<br>2. **Optimization of Structural Designs:** Graduates will be proficient in applying optimization techniques to enhance structural designs, considering factors such as material usage, cost-effectiveness, and sustainability. |
| | 3. **Performance Evaluation through Simulation:** Graduates will showcase expertise in using simulation tools for evaluating the performance of structures under various loading conditions, ensuring robustness, stability, and adherence to safety standards. |

**18. Credit Requirements**

- GM School of Advanced Studies is a Postgraduate School
- School offers industry relevant Postgraduate Engineering Programs
- Each program is offered in modular form means one module at a time is offered
- Each module is run for 6 Weeks
- Students are evaluated based on assignment submissions and module end examination
- To complete a postgraduate program- M. Tech., a student is required to earn 80 credits
- Those students who successfully complete only Module work (40 Credits) Postgraduate Diploma is awarded
- The credit distribution for M. Tech Program:

    - Module work- 10 Modules x 4 credits= 40 credits (in a chosen specialization)
    - Internship - = 15 credits
    - Project = 25 Credits
    - Total = 80 Credits

20. **Programme Structure**

| Sl. No. | Module Code | Module Title | Credits | Module Delivery (Weeks) |
|---|---|---|---|---|
| 1 | PE24CE5101 | Advanced Reinforced Concrete Design | 4 | 1-6 |
| 2 | PE24CE5102 | Finite Element Method | 4 | 7-12 |
| 3 | PE24CE5103 | Structural Dynamics | 4 | 13-18 |
| 4 | PE24CE5104 | Design and Detailing of RCC Structures (ETABS Platform) | 4 | 19-24 |
| Break 25-26 | | | | |
| 5 | PE24CE5201 | Innovative Structural Design-Steel and Wood | 4 | 27-32 |
| 6 | PE24CE5202 | Earthquake Resistant Design of Structures | 4 | 33-38 |
| 7 | PE24CE5203 | Bridge Engineering | 4 | 39-44 |
| 8 | PE24CE5204 | Advanced Concrete Technology | 4 | 45-50 |
| Break 51-52 | | | | |
| 9 | PE24CE6301 | Design and Detailing of RCC Liquid Retaining Structures (ETABS Platform) | 4 | 53-58 |
| 10 | PE24CE6302 | Structural Steel Design and Detailing (STAAD. Pro Platform) | 4 | 59-64 |
| 11 | PE24CE6303 | Internship | 15 | 65-76 |
| Break 77- 78 | | | | |
| 12 | PE24CE6401 | Project | 25 | 79-104 |

21. **Conduction of Classes**

| | Monday | Tuesday | Wednesday | Thursday | Friday |
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|---|---|---|---|---|---|
| Week-1 | Teaching | Teaching | Teaching | Teaching | Teaching |
| Week-2 | Teaching | Teaching | Teaching | Teaching | Teaching |
| Week-3 | Assignments | Assignments | Assignments | Assignments | Assignments |
| Week-4 | Assignments | Assignments | Assignments | Assignments | Assignments |
| Week-5 | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation |
| Week-6 | Examination Preparation | Examination Preparation | Examination Preparation | Examination Preparation | Module End Examination |

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| 21 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 22 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |

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| 23 | **Assessment and Grading**<br>1. Every Module will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. End of Module Examination-50% weight<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 50-60 : B (Average): **B*elow 50 : C (Not satisfactory)***<br>• If one scores C grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 50% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 50% in each component.**<br>4. End of each module –grade card will be issued |
| 24 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 80 credits, for the award of M. Tech. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a C grade in any Module over 4 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |

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| 25 | **Student Support for Learning**<br>1. Module Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 26 | **Quality Control Measures**<br>1. Review of Module Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Module Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

## Program Details

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| **School** | GM School of Advanced Studies |
| **Director of School** | Dr. Sanjay Pande M.B. |
| **Program** | M. Tech. in Data Engineering |
| **Program Director** | Dr. Neelambike S |

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| 1 | **Title of the Award** | M. Tech. in Data Engineering |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | GM School of Advanced Studies GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Module Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

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| 14 | **Program Overview: Masters in Data Engineering**<br>The Master's program in Data Engineering offers an advanced and comprehensive education for students aiming to excel in the dynamic field of data science and engineering. This program is meticulously designed to provide students with a deep understanding of the theoretical foundations and practical applications of data engineering, fostering expertise in managing, analysing, and deriving insights from largescale datasets**.**<br>**Key Program Features:**<br>**Advanced Curriculum:** The curriculum is carefully structured to cover advanced topics in data engineering, including data modelling, database management systems, distributed computing, data warehousing, big data technologies, and data analytics. Students engage in a mix of theoretical study and hands-on projects, gaining proficiency in the latest tools and techniques.<br>**Hands-on Learning:** The program adopts a practical approach, emphasizing hands-on learning through real-world projects and case studies. Students work with industry standard tools and technologies, applying their knowledge to solve complex data engineering challenges.<br>**Interdisciplinary Approach:** Recognizing the interdisciplinary nature of data engineering, the program integrates concepts from computer science, statistics, and business intelligence. Graduates are equipped with a holistic skill set, enabling them to address diverse challenges in the rapidly evolving field of data engineering.<br>**Cutting-edge Technologies:** Students gain exposure to cutting-edge technologies in the data engineering landscape, including cloud computing platforms, machine learning, data streaming, and scalable data processing frameworks. This ensures that graduates are well prepared to navigate the latest trends and advancements in the industry. |

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| | **Industry-Relevant Projects:** The program includes industry-relevant projects, providing students with the opportunity to apply their skills to real-world scenarios. This practical experience enhances their problem-solving abilities and prepares them for the demands of the data engineering profession**.**<br>**Research and Innovation:** The curriculum encourages research and innovation in data engineering. Students have access to research opportunities, allowing them to contribute to advancements in the field and stay at the forefront of emerging technologies.<br>**Career Opportunities:**<br>Graduates of the Masters in Data Engineering program are well-positioned for diverse and rewarding career paths. Potential roles include data engineer, database architect, data analyst, business intelligence specialist, and data scientist. The program prepares students for leadership positions in industries such as finance, healthcare, technology, and ecommerce, where effective data management and analysis are critical.<br>**Admission Requirements:**<br>Prospective students should hold a bachelor's degree in a related field, such as computer science, engineering, or mathematics. Strong analytical and programming skills are beneficial. Admissions may also consider relevant work experience and letters of recommendation.<br><br>**Program Duration:**<br>The Masters in Data Engineering program typically spans two academic years, with a combination of Module work, projects, and research activities. Students may have the option to pursue internships or participate in cooperative education experiences to gain additional practical exposure.<br>In conclusion, the Masters in Data Engineering program provides a transformative educational experience, preparing students to address the complexities of the modern data-driven world and contribute to innovations in data engineering and analytics. |

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| 15 | **Program Educational Objectives (PEOs) for Masters in Data Engineering:**<br>**PEO-1: Advanced Technical Proficiency**<br>Graduates will demonstrate advanced technical proficiency in data engineering principles, practices, and emerging technologies. They will excel in designing, implementing, and optimizing data solutions to address complex challenges in data management and analytics, leveraging cutting-edge tools and methodologies.<br>**PEO-2: Analytical and Critical Thinking**<br>Graduates will develop robust analytical and critical thinking skills, enabling them to evaluate, interpret, and derive meaningful insights from diverse datasets. Proficient in applying statistical and machine learning techniques, they will contribute to innovation in data-driven decision-making processes.<br>**PEO-3: Effective Communication and Collaboration**<br>The program will foster effective communication and collaboration skills in graduates. They will proficiently articulate complex technical concepts to both technical and non-technical stakeholders, and excel in interdisciplinary teamwork. Graduates will actively collaborate with professionals from diverse fields to address multifaceted data engineering challenges. |
| 16 | **Program Outcomes (POs) for Masters in Data Engineering:**<br>**PO-1: Mastery of Data Engineering Principles**<br>Graduates will demonstrate a comprehensive understanding and mastery of fundamental and advanced principles in data engineering, encompassing data modelling, database design, data processing, and optimization techniques.<br>**PO-2: Proficiency in Data Technologies**<br>Graduates will exhibit proficiency in utilizing a wide range of data technologies, tools, and platforms relevant to data engineering. They will be adept at implementing scalable and efficient data solutions that meet industry standards and best practices**.** |

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| | **PO-3: Advanced Data Analysis Skills**<br>Graduates will possess advanced skills in data analysis, employing statistical methods, machine learning algorithms, and data visualization techniques to extract meaningful insights from complex datasets. They will apply analytical reasoning to solve real-world problems**.**<br>**PO-4: Design and Implementation of Data Systems**<br>Graduates will be capable of designing and implementing robust and scalable data systems. They will demonstrate expertise in creating data architectures, developing efficient data pipelines, and implementing strategies for data storage and retrieval.<br>**PO-5: Ethical Data Practices**<br>The program will instill a commitment to ethical considerations in graduates. They will adhere to responsible data practices, ensuring privacy, security, and compliance with legal and ethical standards. Graduates will consider the societal impact of their work and contribute to maintaining trust in data systems.<br>**PO-6: Effective Communication of Technical Concepts**<br>Graduates will be effective communicators of complex technical concepts related to data engineering. They will convey ideas clearly to both technical and non-technical stakeholders, facilitating understanding and collaboration in diverse professional settings.<br>**PO-7: Leadership in Data Initiatives**<br>The program will prepare graduates for leadership roles in the field of data engineering. They will exhibit leadership qualities, manage data initiatives effectively, and lead teams in addressing complex data challenges. Graduates will navigate the evolving landscape of data technologies with adaptability and strategic vision.<br>**PO-8: Continuous Learning and Professional Development**<br>Graduates will recognize the importance of continuous learning and professional development in the rapidly evolving field of data engineering. They will actively seek opportunities for ongoing learning, staying abreast of emerging technologies, industry trends, and research advancements.<br>**PO-9: Contribution to Industry Innovation**<br>Upon completion, graduates will be positioned to make significant contributions to industry innovation in data engineering. They will apply their knowledge and skills to address industry challenges, driving advancements and improvements in data management, analytics, and decision support systems. |

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| 17 | **Program Specific Outcomes (PSOs):**<br>**PSO-1: Develop and Implement Scalable Data Architectures**<br>Graduates will demonstrate the ability to design, develop, and implement scalable data architectures that efficiently handle large volumes of diverse data. They will leverage advanced techniques in database design, distributed systems, and cloud computing to create robust and adaptable data solutions.<br>**PSO-2: Optimize Data Processing Pipelines for Efficiency**<br>Graduates will be proficient in optimizing data processing pipelines for efficiency and performance. They will apply techniques for data cleansing, transformation, and loading (ETL), ensuring that data is processed in a timely and resource-efficient manner. Graduates will employ parallel processing, caching, and other optimization strategies to enhance data pipeline performance.<br>**PSO-3: Apply Advanced Analytics for Informed Decision-Making**<br>Graduates will showcase the ability to apply advanced analytics, including statistical methods and machine learning algorithms, to extract actionable insights from complex datasets. They will integrate analytics into decision-making processes, enabling organizations to make informed and data-driven strategic decisions. Graduates will effectively communicate findings to stakeholders, bridging the gap between technical analysis and business decision-making. |

**18. Credit Requirements**

- GM School of Advanced Studies is a Postgraduate School
- School offers industry relevant Postgraduate Engineering Programs
- Each program is offered in modular form means one module at a time is offered
- Each module is run for 6 Weeks
- Students are evaluated based on assignment submissions and module end examination
- To complete a postgraduate program- M. Tech., a student is required to earn 80 credits
- Those students who successfully complete only Module work (40 Credits) Postgraduate Diploma is awarded
- The credit distribution for M. Tech Program:
    - Module work- 10 Modules x 4 credits= 40 credits (in a chosen specialization)
    - Internship - = 15 credits
    - Project = 25 Credits
    - Total = 80 Credits

**19. Programme Structure**

| Sl. No. | Module Code | Module Title | Credits | Module Delivery (Weeks) |
|---|---|---|---|---|
| 1 | PE24DE5101 | A Study of Data Life Cycle | 4 | 1-6 |
| 2 | PE24DE5102 | Data Crafting | 4 | 7-12 |
| 3 | PE24DE5103 | Data Storage and Retrieval | 4 | 13-18 |
| 4 | PE24DE5104 | Refining Data | 4 | 19-24 |
| Break 25-26 | | | | |
| 5 | PE24DE5201 | Data Accessibility | 4 | 27-32 |
| 6 | PE24DE5202 | Data Prediction and Decision Making | 4 | 33-38 |
| 7 | PE24DE5203 | Data Analytics Application and Algorithms | 4 | 39-44 |
| 8 | PE24DE5204 | Unconventional Data Engineering | 4 | 45-50 |
| Break 51-52 | | | | |
| 9 | PE24DE6301 | Standardized Quality in Data | 4 | 53-58 |
| 10 | PE24DE6302 | Data Engineering Deployments | 4 | 59-64 |
| 11 | PE24DE6303 | Internship | 15 | 65-76 |
| Break 77- 78 | | | | |
| 12 | PE24DE6401 | Project | 25 | 79-104 |

**20. Conduction of Classes**

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| Week-1 | Teaching | Teaching | Teaching | Teaching | Teaching |
| Week-2 | Teaching | Teaching | Teaching | Teaching | Teaching |
| Week-3 | Assignments | Assignments | Assignments | Assignments | Assignments |
| Week-4 | Assignments | Assignments | Assignments | Assignments | Assignments |

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| Week-5 | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation |
| Week-6 | Examination Preparation | Examination Preparation | Examination Preparation | Examination Preparation | Module End Examination |

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| 21 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 22 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |

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| 23 | **Assessment and Grading**<br>1. Every Module will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. End of Module Examination-50% weight<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 50-60 : B (Average): **B*elow 50 : C (Not satisfactory)***<br>• If one scores C grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 50% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 50% in each component.**<br>4. End of each module –grade card will be issued |
| 24 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 80 credits, for the award of M. Tech. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate. |
| | **Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a C grade in any Module over 4 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |

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| 25 | **Student Support for Learning**<br>1. Module Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 26 | **Quality Control Measures**<br>1. Review of Module Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Module Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# FCM – UG

**Program Documents**

## BCom –Accounting and Taxation

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B Com- Accounting and Taxation |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha H.S. |

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|---|---|---|
| 1 | **Title of the Award** | B Com -Accounting and Taxation |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November - 2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Commerce (B. Com) program with a specialization in Accounting and Taxation is tailored to provide students with a comprehensive and specialized skill set in financial management, accounting principles, and taxation practices. This program encompasses a dynamic curriculum that combines theoretical knowledge with practical applications, ensuring students develop a deep understanding of financial reporting, auditing, and tax compliance. Through specialized courses, students will learn to navigate intricate taxation regulations, prepare financial statements, and conduct audits, preparing them for key roles in accounting firms, corporate finance, and tax consultancy. The program places a strong emphasis on ethical considerations, instilling in students a sense of responsibility in financial decision-making and adherence to regulatory | |

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| | frameworks. With a focus on real-world scenarios and industry-relevant practices, graduates of this program emerge well-prepared for careers in the complex and evolving fields of accounting and taxation within the global business landscape. |
| 15 | **Program Educational Objectives (PEOs)**<br>1. **Holistic Business Understanding:**<br>Graduates of the B.Com program will possess a holistic understanding of key business disciplines, including accounting, finance, marketing, and management. They will be equipped with the knowledge and skills to comprehend the interdependencies among these areas, fostering a well-rounded approach to problem-solving in diverse business contexts.<br>2. **Effective Communication and Collaboration:**<br>The program aims to cultivate graduates' ability to communicate effectively and collaborate with diverse stakeholders. This involves honing written and oral communication skills, as well as fostering teamwork and interpersonal skills crucial for success in professional environments.<br>3. **Ethical Decision-Making and Social Responsibility:**<br>Graduates will demonstrate a commitment to ethical business practices and social responsibility. The program seeks to instil in students a deep understanding of the ethical considerations within the business world, emphasizing the importance of responsible decision-making and contributing positively to society through their professional endeavours. |
| 16 | **Program Outcomes (POs):**<br>1. **Foundational Business Knowledge:**<br>Graduates will possess a solid understanding of fundamental concepts in accounting, finance, marketing, and management, providing a broad foundation in commerce.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate the ability to think critically and solve complex business problems, integrating theoretical knowledge with practical application in real-world scenarios.<br>3. **Effective Communication Skills:**<br>Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to diverse audiences within the business context.<br>4. **Quantitative and Analytical Skills:**<br>Graduates will be proficient in using quantitative and analytical tools to interpret data, make informed business decisions, and analyze financial and economic trends.<br>5. **Teamwork and Collaboration:**<br>Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.<br>6. **Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions |

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| | with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Proficiency in Financial Reporting:**<br>Graduates of the program will demonstrate expertise in financial reporting, including the ability to prepare accurate and comprehensive financial statements in accordance with applicable accounting standards and regulatory requirements.<br>2. **Competence in Taxation Practices:**<br>The program-specific outcome aims for graduates to exhibit competence in taxation practices, encompassing an in-depth understanding of tax laws, compliance, and the ability to apply taxation strategies for individuals and businesses.<br>3. **Effective Auditing Skills:**<br>Graduates will develop effective auditing skills, demonstrating the ability to plan, conduct, and report on audits. This includes evaluating internal controls, identifying areas of risk, and ensuring compliance with auditing standards and ethical practices. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 90/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 90 + 30= 120**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| **Semester-1** |
|---|

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UL24ATK11/<br>UL24ATH11 | Kannada shravana 1/<br>Hindi Katha saritha | 3 |
| 2 | UL24ATE11 | English Insight 1 | 3 |
| 3 | UM24AT1101 | Principles of Management | 3 |
| 4 | UM24AT1102 | Marketing Management | 3 |
| 5 | UM24AT1103 | Financial Accounting | 3 |
| 6 | UM24AT1104/<br>UM24AT1105 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | U23TS01 | Technical Skills | 0 |
| 8 | U23LS02 | Life Skills | 0 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 0 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 0 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | U23CL06 | Cultural & Literary Activities | 0 |
| 13 | U23CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical<br>Competition) | 0 |
| 14 | U23PT08 | Placement Training | 0 |
| **Total** | | | **18** |

| **Semester-2** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24ATK21/<br>UL24ATH21 | Kannada Shravana 2/<br>Hindi Insight 2 | 3 |
| 2 | UL24ATE21 | English Insights 2 | 3 |
| 3 | UM24AT1201 | Human Resource Management | 3 |
| 4 | UM24AT1202 | Financial Market and Services | 3 |
| 5 | UM24AT1203 | Advanced Financial Accounting | 3 |
| 6 | UM24AT1204 | OEC-2- Managing Workforce | 3 |
| 7 | U23TS01 | Technical Skills | 02 |
| 8 | U23LS02 | Life Skills | 01 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 01 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | U23CL06 | Cultural & Literary Activities | 00 |
| 13 | U23CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical<br>Competition) | 00 |
| 14 | U23PT08 | Placement Training | 00 |
| **Total** | | | **22** |

| **Semester-3** |
|---|

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UM24AT2301 | Business Statistics | 3 |
| 2 | UM24AT2302 | Company Law and Practice | 3 |
| 3 | UM24AT2303 | Corporate Accounting | 3 |
| 4 | UM24AT2304 | Law and Practice of Income Tax-I | 3 |
| 5 | UM24AT2305 | OEC-3-Advertisment Skills | 3 |
| 6 | U23TS01 | Technical Skills | 02 |
| 7 | U23LS02 | Life Skills | 01 |
| 8 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U23VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U23CL06 | Cultural & Literary Activities | 00 |
| 12 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | U23PT08 | Placement Training | 01 |
| **Total** | | | **21** |

| **Semester-4** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AT2401 | Project Report on Company Analysis | 2 |
| 2 | UM24AT2402 | Business Regulatory Framework | 3 |
| 3 | UM24AT2403 | Advanced Corporate Accounting | 3 |
| 4 | UM24AT2404 | Law and Practice of Income Tax-II | 3 |
| 5 | U23TS01 | Technical Skills | 02 |
| 6 | U23LS02 | Life Skills | 01 |
| 7 | U23ES03 | Innovation and Entrepreneurial Skills | 01 |
| 8 | U23VS04 | Environmental Awareness and Community Services | 01 |
| 9 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10 | U23CL06 | Cultural & Literary Activities | 01 |
| 11 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 12 | U23PT08 | Placement Training | 01 |
| **Total** | | | **22** |

| **Semester-5** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |

| | | | |
|---|---|---|---|
| 1 | UM24AT3501 | Elements of Costing | 3 |
| 2 | UM24AT3502 | Quantitative Aptitude | 3 |
| 3 | UM24AT3503 | Financial Management | 3 |
| 4 | UM24AT3504 | Assessment of Firms Company and HUF | 3 |
| 5 | UM24AT3505 | Research Methodology | 2 |
| 6 | UM24AT3506 | New Venture Creation and Management | 3 |
| 7 | U23TS01 | Technical Skills | 02 |
| 8 | U23LS02 | Life Skills | 00 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | U23CL06 | Cultural & Literary Activities | 00 |
| 13 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U23PT08 | Placement Training | 01 |
| Total | | | **21** |

| **Semester-6** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AT3601 | Methods and Techniques of Costing | 3 |
| 2 | UM24AT3602 | Management Accounting | 3 |
| 3 | UM24AT3603 | GST- Law and Practice | 3 |
| 4 | UM24AT3604 | Organisational Behaviour | 3 |
| 5 | UM24AT3605 | Desertion Report | 3 |
| 6 | UM24AT3606 | Auditing and Assurance | 3 |
| 7 | U23TS01 | Technical Skills | 02 |
| 8 | U23LS02 | Life Skills | 00 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | U23CL06 | Cultural & Literary Activities | 01 |
| 13 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U23PT08 | Placement Training | 00 |
| **Total** | | | **22** |

| **Semester-7** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |

| | | | |
|---|---|---|---|
| 1 | UM24AT4701 | Customs duty – Law and practice | 4 |
| 2 | UM24AT4702 | International Business | 4 |
| 3 | UM24AT4703 | Advance Management Accounting | 4 |
| 4 | UM24AT4704 | Internship | 8 |
| 5 | U23TS01 | Technical Skills | 00 |
| 6 | U23LS02 | Life Skills | 00 |
| 7 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 8 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 9 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10 | U23CL06 | Cultural & Literary Activities | 01 |
| 11 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12 | U23PT08 | Placement Training | 00 |
| Total | | | 22 |

| **Semester-8** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AT4801 | Corporate Tax Planning | 4 |
| 2 | UM24AT4802 | Strategic Cost Accounting | 4 |
| 3 | UM24AT4803 | Project Work | 6 |
| 4 | U23TS01 | Technical Skills | 00 |
| 5 | U23LS02 | Life Skills | 00 |
| 6 | U23ES03 | Innovation and Entrepreneurial Skills | 01 |
| 7 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U23CL06 | Cultural & Literary Activities | 00 |
| 10 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | U23PT08 | Placement Training | 00 |
| Total | | | 16 |

**List of Electives Offered**

1. Business Statistics
2. Mercantile Law
3. Financial Management
4. Assessment of Firms Company and HUF
5. GST- Law and Practice
6. Indirect Taxes – Customs duty
7. Advance Management Accounting
8. Internship
9. Corporate Tax Planning
10. Strategic Cost Accounting
11. Project Work

List of Open Electives Offered

1. Fundamentals of Banking/Basics of Accounting
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -10%<br>b. Class Tests: 30%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of** |

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| | **Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

## BCom –General

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B Com- General |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha H.S. |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B Com -General |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November-2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Commerce (B.Com) program is a comprehensive undergraduate degree designed to provide students with a solid foundation in various facets of business and commerce. This dynamic program integrates core disciplines such as accounting, finance, marketing, and management, ensuring a well-rounded understanding of the business landscape. Through a combination of theoretical knowledge and practical application, students develop critical thinking, problem-solving, and communication skills essential for success in the business world.<br>The curriculum emphasizes real-world relevance, incorporating case studies, industry projects, and guest lectures from professionals. Students gain insights into the complexities of contemporary business challenges, | |

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| | including globalization, digital transformation, and sustainability. The program fosters an understanding of ethical business practices and the social responsibilities of organizations.<br>With opportunities for internships, the B.Com program offers hands-on experience, allowing students to apply classroom learning to real business scenarios. Additionally, the flexibility of the curriculum enables students to tailor their studies to specific areas of interest, facilitating specialization in fields such as finance, marketing, or entrepreneurship. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>Graduates of the B.Com program will possess a holistic understanding of key business disciplines, including accounting, finance, marketing, and management. They will be equipped with the knowledge and skills to comprehend the interdependencies among these areas, fostering a well-rounded approach to problem-solving in diverse business contexts.<br>2. **Effective Communication and Collaboration:**<br>The program aims to cultivate graduates' ability to communicate effectively and collaborate with diverse stakeholders. This involves honing written and oral communication skills, as well as fostering teamwork and interpersonal skills crucial for success in professional environments.<br>3. **Ethical Decision-Making and Social Responsibility:**<br>Graduates will demonstrate a commitment to ethical business practices and social responsibility. The program seeks to instil in students a deep understanding of the ethical considerations within the business world, emphasizing the importance of responsible decision-making and contributing positively to society through their professional endeavours. |
| 16 | **Program Outcomes for Bachelor of Commerce (BCom):**<br>1. **Foundational Business Knowledge:**<br>Graduates will possess a solid understanding of fundamental concepts in accounting, finance, marketing, and management, providing a broad foundation in commerce.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate the ability to think critically and solve complex business problems, integrating theoretical knowledge with practical application in real-world scenarios.<br>3. **Effective Communication Skills:**<br>Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to diverse audiences within the business context.<br>4. **Quantitative and Analytical Skills:**<br>Graduates will be proficient in using quantitative and analytical tools to interpret data, make informed business decisions, and analyse financial and economic trends.<br>5. **Teamwork and Collaboration:** |

| | |
|---|---|
| | Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities and contribute constructively to achieve common business goals.<br>6. **Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Entrepreneurial Skill Development:**<br>The program-specific objective is to foster entrepreneurial skills among students, enabling them to identify business opportunities, develop innovative solutions, and create value in entrepreneurial ventures.<br>2. **Financial Literacy and Decision-Making:**<br>The program aims to enhance students' financial literacy and decision-making abilities, providing them with specific skills to analyse financial data, make informed financial decisions, and contribute effectively to organizational financial strategies.<br>3. **E-commerce and Digital Business Competence:**<br>The program-specific objective is to equip students with competence in e-commerce and digital business practices, enabling them to navigate the digital landscape, understand online market dynamics, and contribute to the success of businesses in the digital era. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 90/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 90 + 30= 120**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |

| | | | |
|---|---|---|---|
| 1 | UL24BCK11/<br>UL24BCH11 | Kannada Shravana 1/<br>Hindi Katha Sarathi | 3 |
| 2 | UL24BCE11 | English Insight 1 | 3 |
| 3 | UM24BC1101 | Principles of Management | 3 |
| 4 | UM24BC1102 | Marketing Management | 3 |
| 5 | UM24BC1103 | Financial Accounting | 3 |
| 6 | UM24BC1104/<br>UM24BC1105 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | U23TS01 | Technical Skills | 0 |
| 8 | U23LS02 | Life Skills | 0 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 0 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 0 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | U23CL06 | Cultural & Literary Activities | 0 |
| 13 | U23CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | U23PT08 | Placement Training | 0 |
| Total | | | 18 |

| **Semester-2** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24BCK21/<br>UL24BCH21 | Kannada Shravana 2/<br>Hindi Sourabha 2 | 3 |
| 2 | UL24BCE21 | English Insight 2 | 3 |
| 3 | UM24BC1201 | Human Resource Management | 3 |
| 4 | UM24BC1202 | Financial Market and Services | 3 |
| 5 | UM24BC1203 | Advanced Financial Accounting | 3 |
| 6 | UM24BC1204 | OEC-2- Managing Workforce | 3 |
| 7 | U23TS01 | Technical Skills | 02 |
| 8 | U23LS02 | Life Skills | 01 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 01 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | U23CL06 | Cultural & Literary Activities | 00 |
| 13 | U23CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U23PT08 | Placement Training | 00 |
| Total | | | 22 |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC2301 | Law and Practice of Banking | 3 |
| 2 | UM24BC2302 | Company Law and Practice | 3 |
| 3 | UM24BC2303 | Corporate Accounting | 3 |
| 4 | UM24BC2304 | Law and Practice of Income Tax-I | 3 |
| 5 | UM24BC2305 | OEC-3-Advertisment Skills | 3 |
| 6 | U23TS01 | Technical Skills | 02 |
| 7 | U23LS02 | Life Skills | 01 |
| 8 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U23VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U23CL06 | Cultural & Literary Activities | 00 |
| 12 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | U23PT08 | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC2401 | Project Report on Company Analysis | 2 |
| 2 | UM24BC2402 | Auditing and Assurance | 3 |
| 3 | UM24BC2403 | Advanced Corporate Accounting | 3 |
| 4 | UM24BC2404 | Law and Practice of Income Tax-II | 3 |
| 5 | U23TS01 | Technical Skills | 02 |
| 6 | U23LS02 | Life Skills | 01 |
| 7 | U23ES03 | Innovation and Entrepreneurial Skills | 01 |
| 8 | U23VS04 | Environmental Awareness and Community Services | 01 |
| 9 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10 | U23CL06 | Cultural & Literary Activities | 01 |
| 11 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 12 | U23PT08 | Placement Training | 01 |
| **Total** | | | **18** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |

| | | | |
|---|---|---|---|
| 1 | UM24BC3501 | Elements of Costing | 3 |
| 2 | UM24BC3502 | Quantitative Aptitude | 3 |
| 3 | UM24BC3503 | Business Statistics | 3 |
| 4 | UM24BC3504 | Financial Management | 3 |
| 5 | UM24BC3505 | Research Methodology | 2 |
| 6 | UM24BC3506 | New Venture and Creation Management | 3 |
| 7 | U23TS01 | Technical Skills | 02 |
| 8 | U23LS02 | Life Skills | 00 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | U23CL06 | Cultural & Literary Activities | 00 |
| 13 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U23PT08 | Placement Training | 01 |
| 15 | | | |
| **Total** | | | **21** |

| **Semester-6** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC3601 | Methods and Techniques of Costing | 3 |
| 2 | UM24BC3602 | Management Accounting | 3 |
| 3 | UM24BC3603 | GST- Law and Practice | 3 |
| 4 | UM24BC3604 | Organisational Behaviour | 3 |
| 5 | UM24BC3605 | Desertion Report | 3 |
| 6 | UM24BC3606 | Indian Business Environment | 3 |
| 7 | U23TS01 | Technical Skills | 02 |
| 8 | U23LS02 | Life Skills | 00 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | U23CL06 | Cultural & Literary Activities | 01 |
| 13 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U23PT08 | Placement Training | 00 |
| **Total** | | | **22** |

| **Semester-7** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC4701 | Applied Managerial Economics | 4 |
| 2 | UM24BC4702 | International Business | 4 |

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|---|---|---|---|
| 3 | UM24BC4703 | Advance Management Accounting | 4 |
| 4 | UM24BC4704 | Internship | 8 |
| 5 | U23TS01 | Technical Skills | 00 |
| 6 | U23LS02 | Life Skills | 00 |
| 7 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 8 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 9 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10 | U23CL06 | Cultural & Literary Activities | 01 |
| 11 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12 | U23PT08 | Placement Training | 00 |
| Total | | | 22 |

| **Semester-8** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BC4801 | Financial Reporting- IFRS | 4 |
| 2 | UM24BC4802 | Operations Research | 4 |
| 3 | UM24BC4803 | Project Work | 8 |
| 4 | U23TS01 | Technical Skills | 00 |
| 5 | U23LS02 | Life Skills | 00 |
| 6 | U23ES03 | Innovation and Entrepreneurial Skills | 01 |
| 7 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U23CL06 | Cultural & Literary Activities | 00 |
| 10 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | U23PT08 | Placement Training | 00 |
| Total | | | 18 |

**List of Open Electives Offered**

1. Fundamentals of Banking/ Basics of Accounting.
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board |

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| | meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:** |

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|---|---|
| | Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

## BCom –Banking and Insurance

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B Com- Banking and Insurance |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha. H. S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B Com – Banking and Insurance |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCIM) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor's program in Commerce (B.Com) specializing in Banking and Insurance is designed to equip students with a comprehensive understanding of financial services and risk management. This specialized track integrates foundational commerce courses with a specific focus on banking and insurance practices, offering a well-rounded curriculum. Students will delve into subjects such as financial markets, banking operations, insurance principles, and risk assessment, gaining insights into the intricacies of these vital sectors.<br>The program places a strong emphasis on practical application, providing opportunities for internships, case studies, and projects that bridge theoretical concepts with real-world scenarios. With a focus on emerging trends, technological advancements, and regulatory frameworks within the financial industry, graduates are | |

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| | prepared for dynamic roles in banking institutions, insurance companies, and related financial enterprises. Ethical considerations and adherence to industry standards are woven into the program, instilling in students a sense of responsibility in financial decision-making. Upon graduation, students emerge with a specialized skill set, ready to contribute to the dynamic and evolving landscape of banking and insurance, whether in risk assessment, financial analysis, or strategic management within financial institutions. |
| 15 | **Program Educational Objectives (PEOs) for Bachelor of Commerce (B.Com):**<br>1. **Holistic Business Understanding:**<br>Graduates of the B.Com program will possess a holistic understanding of key business disciplines, including accounting, finance, marketing, and management. They will be equipped with the knowledge and skills to comprehend the interdependencies among these areas, fostering a well-rounded approach to problem-solving in diverse business contexts.<br>2. **Effective Communication and Collaboration:**<br>The program aims to cultivate graduates' ability to communicate effectively and collaborate with diverse stakeholders. This involves honing written and oral communication skills, as well as fostering teamwork and interpersonal skills crucial for success in professional environments.<br>3. **Ethical Decision-Making and Social Responsibility:**<br>Graduates will demonstrate a commitment to ethical business practices and social responsibility. The program seeks to instill in students a deep understanding of the ethical considerations within the business world, emphasizing the importance of responsible decision-making and contributing positively to society through their professional endeavours. |
| 16 | **Program Outcomes for Bachelor of Commerce (B.Com):**<br>1. **Foundational Business Knowledge:**<br>Graduates will possess a solid understanding of fundamental concepts in accounting, finance, marketing, and management, providing a broad foundation in commerce.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate the ability to think critically and solve complex business problems, integrating theoretical knowledge with practical application in real-world scenarios.<br>3. **Effective Communication Skills:**<br>Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to diverse audiences within the business context.<br>4. **Quantitative and Analytical Skills:**<br>Graduates will be proficient in using quantitative and analytical tools to interpret data, make informed business decisions, and analyze financial and economic trends.<br>5. **Teamwork and Collaboration:** |

| | |
|---|---|
| | Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.<br>6. **Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs) for Bachelor of Commerce (B.Com):**<br>1. **Risk Management Proficiency:**<br>Graduates of the program will demonstrate advanced proficiency in risk management, including the ability to assess, quantify, and mitigate risks within the banking and insurance sectors. This involves understanding the dynamics of financial markets, evaluating credit and investment risks, and implementing effective risk management strategies.<br>2. **Banking and Insurance Operations Competence:**<br>The program-specific outcome aims for graduates to exhibit competence in the operations of banking and insurance, showcasing their ability to navigate banking processes, insurance underwriting, and financial transactions within the regulatory frameworks of these sectors.<br>3. **Financial Decision-Making in Banking and Insurance:**<br>Graduates will possess expertise in financial decision-making specific to banking and insurance, demonstrating the ability to analyze financial data, make strategic decisions in risk assessment, and contribute to the overall financial health of institutions within these sectors. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 90/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 90 + 30= 120**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24BIK11/<br>UL24BIH11 | Kannada shravana - 1/<br>Hindi-Katha saritha | 3 |
| 2 | UL24BIE11 | English Insight - 1 | 3 |
| 3 | UM24BI1101 | Principles of Management | 3 |
| 4 | UM24BI1102 | Marketing Management | 3 |
| 5 | UM24BI1103 | Financial Accounting | 3 |
| 6 | UM24BI1104/<br>UM24BI1105 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | SDTCD | Technical Skills | 0 |
| 8 | CASP | Life Skills | 0 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 0 |
| 10 | SA | Environmental Awareness and Community Services | 0 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | SA | Cultural & Literary Activities | 0 |
| 13 | SA&SP | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | CASP | Placement Training | 0 |
| **Total** | | | **18** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24BIK21/<br>UL24BIH21 | Kannada Shravana - 2<br>Hindi Katha Sourabha | 3 |
| 2 | UL24BIE21 | English Insight 2 | 3 |
| 3 | UM24BI1201 | Human Resource Management | 3 |
| 4 | UM24BI1202 | Financial Market and Services | 3 |
| 5 | UM24BI1203 | Advanced Financial Accounting | 3 |
| 6 | UM24BI1204 | OEC-2- Managing Workforce | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 01 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 10 | SA | Environmental Awareness and Community Services | 01 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 00 |
| 13 | SA&SP | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI2301 | Law and Practice of Banking | 3 |
| 2 | UM24BI2302 | Company Law and Practice | 3 |
| 3 | UM24BI2303 | Corporate Accounting | 3 |
| 4 | UM24BI2304 | Law and Practice of Income Tax-I | 3 |
| 5 | UM24BI2305 | OEC-3-Advertisment Skills | 3 |
| 6 | SDTCD | Technical Skills | 02 |
| 7 | CASP | Life Skills | 01 |
| 8 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 9 | SA | Environmental Awareness and Community Services | 01 |
| 10 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | SA | Cultural & Literary Activities | 00 |
| 12 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | CASP | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI2401 | Business Statistics | 2 |
| 2 | UM24BI2402 | Law and Practice of Income Tax-II | 3 |
| 3 | UM24BI2403 | General Insurance Management | 3 |
| 4 | UM24BI2404 | Project Report on Company Analysis | 3 |
| 5 | SDTCD | Technical Skills | 02 |
| 6 | CASP | Life Skills | 01 |
| 7 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 8 | SA | Environmental Awareness and Community Services | 01 |
| 9 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10 | SA | Cultural & Literary Activities | 01 |
| 11 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 12 | CASP | Placement Training | 01 |
| **Total** | | | **19** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI3501 | Elements of Costing | 3 |
| 2 | UM24BI3502 | Quantitative Aptitude | 3 |
| 3 | UM24BI3503 | Financial Management | 3 |
| 4 | UM24BI3504 | Indian Banking System | 3 |
| 5 | UM24BI3505 | Research Methodology | 2 |
| 6 | UM24BI3506 | New Venture Creation and Management | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | SA | Cultural & Literary Activities | 00 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI3601 | Practices of Life Insurance | 3 |
| 2 | UM24BI3602 | Management Accounting | 3 |
| 3 | UM24BI3603 | GST- Law and Practice | 3 |
| 4 | UM24BI3604 | International Banking and Finance | 3 |
| 5 | UM24BI3605 | Desertion Report | 3 |
| 6 | UM24BI3606 | Auditing and Assurance | 3 |
| 7 | SDTCD | Technical Skills | 02 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 01 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | CASP | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI4701 | Technology in Banking | 4 |
| 2 | UM24BI4702 | International Business | 4 |
| 3 | UM24BI4703 | Insurance Risk Management | 4 |
| 4 | UM24BI4704 | Internship | 8 |
| 5 | | | |
| 6 | | | |
| 7 | SDTCD | Technical Skills | 00 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 00 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 01 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 14 | CASP | Placement Training | 00 |
| 15 | | | |
| Total | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BI4801 | Risk Management in Banking | 4 |
| 2 | UM24BI4802 | Innovations in Insurance | 4 |
| 3 | UM24BI4803 | Project Work | 6 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | SDTCD | Technical Skills | 00 |
| 8 | CASP | Life Skills | 00 |
| 9 | CIPI | Innovation and Entrepreneurial Skills | 01 |
| 10 | SA | Environmental Awareness and Community Services | 00 |
| 11 | SA | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | SA | Cultural & Literary Activities | 00 |
| 13 | SA&SP | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 14 | CASP | Placement Training | 00 |
| 15 | | | |
| Total | | | 16 |

**List of Electives Offered**

1. Law and Practice of Banking and Insurance
2. General Insurance Management
3. Indian Banking System
4. International Banking and Finance
5. Retail Banking
6. Insurance Risk Management
7. Internship
8. Risk Management in Banking
9. Innovations in Insurance
10. Project Work

**List of Open Electives Offered**

1. Fundamentals of Banking /Basics of Accounting
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -10%<br>b. Class Tests: 30%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree** |

| | |
|---|---|
| | Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

## B.Com–Accounting and Finance

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | B Com- Accounting and Finance |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Shwetha H.S. |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B. Com -Accounting and Finance |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November - 2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Commerce (B. Com) program specializing in Accounting and Finance is meticulously crafted to provide students with a comprehensive understanding of financial principles, accounting practices, and strategic financial management. This specialized track integrates foundational concepts in accounting with advanced coursework in finance, offering a well-rounded curriculum that prepares students for diverse roles in the financial sector. Students will acquire the skills to navigate complex financial transactions, analyse financial data and make strategic decisions that contribute to organizational success.<br>The program emphasizes a hands-on approach, incorporating real-world case studies, simulations, and industry projects to bridge theoretical knowledge with practical application. With a focus on ethical | |

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| | considerations and compliance with financial regulations, students will develop a strong sense of responsibility in financial decision-making. Graduates will be well-equipped for careers in accounting firms, financial institutions, corporate finance and financial consulting, possessing the expertise to address contemporary challenges in the dynamic world of finance. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>Graduates of the B. Com program will possess a holistic understanding of key business disciplines, including accounting, finance, marketing and management. They will be equipped with the knowledge and skills to comprehend the interdependencies among these areas, fostering a well-rounded approach to problem-solving in diverse business contexts.<br>2. **Effective Communication and Collaboration:**<br>The program aims to cultivate graduates' ability to communicate effectively and collaborate with diverse stakeholders. This involves honing written and oral communication skills, as well as fostering teamwork and interpersonal skills crucial for success in professional environments.<br>3. **Ethical Decision-Making and Social Responsibility:**<br>Graduates will demonstrate a commitment to ethical business practices and social responsibility. The program seeks to instil in students a deep understanding of the ethical considerations within the business world, emphasizing the importance of responsible decision-making and contributing positively to society through their professional endeavours. |
| 16 | **Program Outcomes (POs):**<br>1. **Foundational Business Knowledge:**<br>Graduates will possess a solid understanding of fundamental concepts in accounting, finance, marketing and management, providing a broad foundation in commerce.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate the ability to think critically and solve complex business problems, integrating theoretical knowledge with practical application in the real-world scenarios.<br>3. **Effective Communication Skills:**<br>Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to diverse audiences within the business context.<br>4. **Quantitative and Analytical Skills:**<br>Graduates will be proficient in using quantitative and analytical tools to interpret data, make informed business decisions, and analyse financial and economic trends.<br>5. **Teamwork and Collaboration:**<br>Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals. |

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| | 6. **Ethical Business Practices:**<br>Graduates will exhibit a strong understanding of ethical considerations in business, making decisions with integrity and considering the social and environmental impacts of business activities.<br>7. **Adaptability to Technological Changes:**<br>Graduates will be adaptable to technological advancements in the business environment, demonstrating proficiency in utilizing digital tools and staying abreast of technological trends affecting commerce.<br>8. **Awareness of Global Business Environment:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on commerce and adapting strategies for a global marketplace. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Financial Analysis Proficiency:**<br>Graduates will demonstrate advanced proficiency in financial analysis, showcasing the ability to interpret and analyse financial statements, assess financial performance and make strategic recommendations for effective financial management.<br>2. **Strategic Financial Decision-Making:**<br>The program-specific outcome aims for graduates to exhibit competence in strategic financial decision-making, including capital budgeting, investment analysis and risk management, ensuring they can contribute to the financial success and sustainability of organizations.<br>3. **Integrated Accounting and Finance Expertise:**<br>Graduates will possess integrated expertise in both accounting and finance, demonstrating the ability to apply accounting principles within the broader financial context. This includes the capability to link financial data to strategic goals and make informed financial decisions that align with organizational objectives. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 90/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 90 + 30= 120**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| **Semester-1** |
|---|

| S. No. | Course Code | Course Title | Credits |
|---|---|---|---|
| 1 | UL24AFK11/<br>UL24AFH11 | Kannada Shravana -1/<br>Hindi katha Saritha | 3 |
| 2 | UL24AFE11 | English Insight - 1 | 3 |
| 3 | UM24AF1101 | Principles of Management | 3 |
| 4 | UM24AF1102 | Marketing Management | 3 |
| 5 | UM24AF1103 | Financial Accounting | 3 |
| 6 | UM24AF1104/<br>UM24AF1105 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | U23TS01 | Technical Skills | 0 |
| 8 | U23LS02 | Life Skills | 0 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 0 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 0 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | U23CL06 | Cultural & Literary Activities | 0 |
| 13 | U23CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | U23PT08 | Placement Training | 0 |
| **Total** | | | **18** |

| **Semester-2** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24AFK21/<br>UL24AFH21 | Kannada Shravana 2/<br>Hindi Katha Sourabha | 3 |
| 2 | UL24AFE21 | English Insight 2 | 3 |
| 3 | UM24AF1201 | Human Resource Management | 3 |
| 4 | UM24AF1202 | Financial Market and Services | 3 |
| 5 | UM24AF1203 | Advanced Financial Accounting | 3 |
| 6 | UM24AF1204 | OEC-2- Managing Workforce | 3 |
| 7 | U23TS01 | Technical Skills | 02 |
| 8 | U23LS02 | Life Skills | 01 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 01 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | U23CL06 | Cultural & Literary Activities | 00 |
| 13 | U23CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U23PT08 | Placement Training | 00 |
| **Total** | | | **22** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF2301 | Indian Banking System | 3 |
| 2 | UM24AF2302 | Company Law and Practice | 3 |
| 3 | UM24AF2303 | Corporate Accounting | 3 |
| 4 | UM24AF2304 | Law and Practice of Income Tax-I | 3 |
| 5 | UM24AF2305 | OEC-3-Advertisment Skills | 3 |
| 6 | U23TS01 | Technical Skills | 02 |
| 7 | U23LS02 | Life Skills | 01 |
| 8 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U23VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U23CL06 | Cultural & Literary Activities | 00 |
| 12 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | U23PT08 | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF2401 | Project Report on Company Analysis | 2 |
| 2 | UM24AF2402 | Financial Management | 3 |
| 3 | UM24AF2403 | Advanced Corporate Accounting | 3 |
| 4 | UM24AF2404 | Law and Practice of Income Tax-II | 3 |
| 5 | U23TS01 | Technical Skills | 02 |
| 6 | U23LS02 | Life Skills | 01 |
| 7 | U23ES03 | Innovation and Entrepreneurial Skills | 01 |
| 8 | U23VS04 | Environmental Awareness and Community Services | 01 |
| 9 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10 | U23CL06 | Cultural & Literary Activities | 01 |
| 11 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 12 | U23PT08 | Placement Training | 01 |
| **Total** | | | **19** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF3501 | Elements of Costing | 3 |
| 2 | UM24AF3502 | Quantitative Aptitude | 3 |
| 3 | UM24AF3503 | Strategic Financial Management | 3 |
| 4 | UM24AF3504 | Security Analysis and Portfolio Management | 3 |
| 5 | UM24AF3505 | Research Methodology | 2 |
| 6 | UM24AF3506 | New Venture Creation and Management | 3 |
| 7 | U23TS01 | Technical Skills | 02 |
| 8 | U23LS02 | Life Skills | 00 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | U23CL06 | Cultural & Literary Activities | 00 |
| 13 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U23PT08 | Placement Training | 01 |
| **Total** | | | **21** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF3601 | Methods and Techniques of Costing | 3 |
| 2 | UM24AF3602 | Management Accounting | 3 |
| 3 | UM24AF3603 | GST- Law and Practice | 3 |
| 4 | UM24AF3604 | Organisational Behaviour | 3 |
| 5 | UM24AF3605 | Dissertation | 3 |
| 6 | UM24AF3606 | Auditing and Assurance | 3 |
| 7 | U23TS01 | Technical Skills | 02 |
| 8 | U23LS02 | Life Skills | 00 |
| 9 | U23ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 11 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | U23CL06 | Cultural & Literary Activities | 01 |
| 13 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U23PT08 | Placement Training | 00 |
| Total | | | **22** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF4701 | Financial Statement Analysis | 4 |
| 2 | UM24AF4702 | International Business | 4 |
| 3 | UM24AF4703 | Corporate Governance | 4 |
| 4 | UM24AF4704 | Internship | 8 |
| 5 | U23TS01 | Technical Skills | 00 |
| 6 | U23LS02 | Life Skills | 00 |
| 7 | U23ES03 | Innovation and Entrepreneurial Skills | 00 |
| 8 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 9 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 10 | U23CL06 | Cultural & Literary Activities | 01 |
| 11 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 12 | U23PT08 | Placement Training | 00 |
| Total | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24AF4801 | Business Law and Ethics | 4 |
| 2 | UM24AF4802 | Strategic Cost accounting | 4 |
| 3 | UM24AF4803 | Project Work | 6 |
| 4 | U23TS01 | Technical Skills | 00 |
| 5 | U23LS02 | Life Skills | 00 |
| 6 | U23ES03 | Innovation and Entrepreneurial Skills | 01 |
| 7 | U23VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U23AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U23CL06 | Cultural & Literary Activities | 00 |
| 10 | U23CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | U23PT08 | Placement Training | 00 |
| Total | | | 16 |

## List Of Electives Offered

1. Banking and Indian Financial System
2. Financial Management
3. Strategic Financial Management
4. Security Analysis and Portfolio Management
5. Financial Statement Analysis
6. Corporate Governance
7. Internship
8. Project Work

List of **Open Electives** Offered

1. Fundamentals of Banking/Basics of Accounting
2. Managing Workforce
3. Advertisement Skill
4. Investing in Stock Market

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -10%<br>b. Class Tests: 30%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree** |

| | |
|---|---|
| | Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**18. Courses and Credits:**

| **Semester-1** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24AFK11/<br>UL24AFH11 | Kannada Shravana -1/<br>Hindi katha Saritha | 3 |
| 2 | UL24AFE11 | English Insight - 1 | 3 |

| | | | |
|---|---|---|---|
| 3 | UO24AFC11 | Principles of Management | 3 |
| 4 | UO24AFC12 | Marketing Management | 3 |
| 5 | UO24AFC13 | Financial Accounting | 3 |
| 6 | UO24AFO11/<br>UO24AFO12 | OEC-1 – Banking Fundamentals/<br>Basics of Accounting | 3 |
| 7 | SDTCD | Technical Skills | 0 |
| 8 | UO24HGL12 | Life Skills | 0 |
| 9 | UO24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| 10 | UO24HGV14 | Environmental Awareness and Community Services | 0 |
| 11 | UO24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | UO24HGC16 | Cultural & Literary Activities | 0 |
| 13 | UO24HGR17 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | UO24HGP18 | Placement Training | 0 |
| **Total** | | | **18** |

| **Semester-2** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24AFK21/<br>UL24AFH21 | Kannada Shravana 2/<br>Hindi Katha Sourabha | 3 |
| 2 | UL24AFE21 | English Insight 2 | 3 |
| 3 | UO24AFC21 | Human Resource Management | 3 |
| 4 | UO24AFC22 | Financial Market and Services | 3 |
| 5 | UO24AFC23 | Advanced Financial Accounting | 3 |
| 6 | UO24AFO21 | OEC-2- Managing Workforce | 3 |
| 7 | UO24HGT21 | Technical Skills | 02 |
| 8 | UO24HGL22 | Life Skills | 01 |
| 9 | UO24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UO24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | UO24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UO24HGC26 | Cultural & Literary Activities | 00 |
| 13 | UO24HGR27 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UO24HGP28 | Placement Training | 00 |
| **Total** | | | **22** |

| **Semester-3** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFE31 | Banking and Indian Financial System | 3 |

| | | | |
|---|---|---|---|
| 2 | UO24AFC32 | Company Law and Practice | 3 |
| 3 | UO24AFC33 | Corporate Accounting | 3 |
| 4 | UO24AFC34 | Law and Practice of Income Tax-I | 3 |
| 5 | UO24AFO31 | OEC-3-Advertisment Skills | 3 |
| 6 | UO24HGT31 | Technical Skills | 02 |
| 7 | UO24HGL32 | Life Skills | 01 |
| 8 | UO24HGE33 | Innovation and Entrepreneurial Skills | 00 |
| 9 | UO24HGV34 | Environmental Awareness and Community Services | 01 |
| 10 | UO24HGA35 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | UO24HGC36 | Cultural & Literary Activities | 00 |
| 12 | UO24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | UO24HGP38 | Placement Training | 01 |
| **Total** | | | **21** |

| **Semester-4** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFC41 | Project Report on Company Analysis | 2 |
| 2 | UO24AFE42 | Financial Management | 3 |
| 3 | UO24AFC43 | Advanced Corporate Accounting | 3 |
| 4 | UO24AFC44 | Law and Practice of Income Tax-II | 3 |
| 5 | UO24HGT41 | Technical Skills | 02 |
| 6 | UO24HGL42 | Life Skills | 01 |
| 7 | UO24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| 8 | UO24HGV44 | Environmental Awareness and Community Services | 01 |
| 9 | UO24HGA45 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 10 | UO24HGC46 | Cultural & Literary Activities | 01 |
| 11 | UO24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 12 | UO24HGP48 | Placement Training | 01 |
| **Total** | | | **19** |

| **Semester-5** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFC51 | Elements of Costing | 3 |
| 2 | UO24AFC52 | Quantitative Aptitude | 3 |

| | | | |
|---|---|---|---|
| 3 | UO24AFE53 | Strategic Financial Management | 3 |
| 4 | UO24AFE54 | Security Analysis and Portfolio Management | 3 |
| 5 | UO24AFC55 | Research Methodology | 2 |
| 6 | UO24AFC56 | New Venture Creation and Management | 3 |
| 7 | UO24HGT51 | Technical Skills | 02 |
| 8 | UO24HGL52 | Life Skills | 00 |
| 9 | UO24HGE53 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UO24HGV54 | Environmental Awareness and Community Services | 00 |
| 11 | UO24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | UO24HGC56 | Cultural & Literary Activities | 00 |
| 13 | UO24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UO24HGP58 | Placement Training | 01 |
| **Total** | | | **21** |

| **Semester-6** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFC61 | Methods and Techniques of Costing | 3 |
| 2 | UO24AFC62 | Management Accounting | 3 |
| 3 | UO24AFC63 | GST- Law and Practice | 3 |
| 4 | UO24AFC64 | Organisational Behaviour | 3 |
| 5 | UO24AFC65 | Dissertation | 3 |
| 6 | UO24AFC66 | Auditing and Assurance | 3 |
| 7 | UO24HGT61 | Technical Skills | 02 |
| 8 | UO24HGL62 | Life Skills | 00 |
| 9 | UO24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UO24HGV64 | Environmental Awareness and Community Services | 00 |
| 11 | UO24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UO24HGC66 | Cultural & Literary Activities | 01 |
| 13 | UO24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UO24HGP68 | Placement Training | 00 |
| **Total** | | | **22** |

| **Semester-7** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFE71 | Financial Statement Analysis | 4 |
| 2 | UO24AFC72 | International Business | 4 |

| | | | |
|---|---|---|---|
| 3 | UO24AFE73 | Corporate Governance | 4 |
| 4 | UO24AFE74 | Internship | 8 |
| 5 | | | |
| 6 | | | |
| 7 | UO24HGT71 | Technical Skills | 00 |
| 8 | UO24HGL72 | Life Skills | 00 |
| 9 | UO24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UO24HGV74 | Environmental Awareness and Community Services | 00 |
| 11 | UO24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UO24HGC76 | Cultural & Literary Activities | 01 |
| 13 | UO24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 14 | UO24HGP78 | Placement Training | 00 |
| 15 | | | |
| Total | | | 22 |

| **Semester-8** | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UO24AFE81 | Business Law and Ethics | 4 |
| 2 | UO24AFE82 | Strategic Cost accounting | 4 |
| 3 | UO24AFE83 | Project Work | 6 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | UO24HGT81 | Technical Skills | 00 |
| 8 | UO24HGL82 | Life Skills | 00 |
| 9 | UO24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UO24HGV84 | Environmental Awareness and Community Services | 00 |
| 11 | UO24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UO24HGC86 | Cultural & Literary Activities | 00 |
| 13 | UO24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 14 | UO24HGP88 | Placement Training | 00 |
| 15 | | | |
| Total | | | 16 |

List of **Electives** Offered

9. Banking and Indian Financial System
10. Financial Management
11. Strategic Financial Management

12. Security Analysis and Portfolio Management
13. Financial Statement Analysis
14. Corporate Governance
15. Internship
16. Project Work

List of **Open Electives** Offered

5. Fundamentals of Banking/Basics of Accounting
6. Managing Workforce
7. Advertisement Skill
8. Investing in Stock Market

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>12. Face to Face Lectures using Audio-Visuals<br>13. Laboratory work/Fieldwork/Workshop<br>14. Project Based Learning<br>15. Problem Based Learning<br>16. Group Exercises/Assignments<br>17. Demonstrations<br>18. Guest Lectures<br>19. Industry Visit<br>20. Workshops, Group Discussions, Debates, Presentations<br>21. Project Work<br>22. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Com Program. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>e. Quiz -10%<br>f. Class Tests: 30%<br>g. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>h. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree** |

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| | Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>11. Course Notes<br>12. Reference Books in the Library<br>13. Magazines and Journals<br>14. Internet Facility<br>15. Computing Facility<br>16. Laboratory Facility<br>17. Workshop Facility<br>18. Staff Support<br>19. Lounges for Discussions<br>20. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>10. Review of Course Notes<br>11. Review of Question Papers and Assignment Questions<br>12. Student Feedback<br>13. Moderation of Assessed Work<br>14. Opportunities for students to see their assessed work<br>15. Review by external examiners and external examiners reports<br>16. Staff Student Consultative Committee meetings<br>17. Student exit feedback<br>18. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**M Com- Accounting and Taxation**

**(With Forensic Accounting)**

**PROGRAM DETAILS**

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Commerce (SC) |
| **Program** | M.Com- Accounting and Taxation |
| **Associate Dean of Faculty** | Dr. Gangadhar G Hugar |
| **Director of School** | Dr. Shwetha. H. S. |

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|---|---|---|
| 1 | **Title of the Award** | M Com- Accounting and Taxation |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Commerce and Management (FCM)<br>GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Master's program in Commerce (M.Com) specializing in Accounting and Taxation along with Forensic Accounting, is designed to offer an advanced and specialized curriculum for students seeking expertise in financial management, accounting principles, taxation regulations, and forensic accounting practices. This comprehensive program integrates core concepts in accounting and taxation with a focus on forensic accounting techniques and methodologies.<br>Students will engage in a robust curriculum that covers advanced topics such as financial reporting, auditing, | |

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| | taxation planning, and forensic accounting investigation methods. The program combines theoretical knowledge with practical applications, preparing graduates for managerial and leadership roles in accounting firms, tax consultancy, corporate finance. The curriculum also addresses ethical considerations, compliance with accounting and taxation standards, and the legal implications.<br>With a faculty of experienced professionals and opportunities for hands-on projects, internships, and industry collaborations, graduates of this M. Com program emerge with a specialized skill set, ready to make significant contributions to the fields of accounting, taxation in diverse business settings. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Advanced Accounting Expertise:**<br>Graduates of the program will attain advanced expertise in accounting, demonstrating a deep understanding of financial reporting, and compliance with accounting standards in diverse business environments.<br>2. **Advanced Taxation Expertise:**<br>Graduates of the program will attain advanced expertise in taxation, emphasising compliance with various provisions and exemptions of taxation policies pertaining to IT Act, GST, Customs and Exercise etc.<br>3. **Ethical Leadership and Compliance:**<br>Graduates will develop the ability to lead ethically in accounting and taxation, emphasizing compliance with legal and ethical standards. The program seeks to instil a commitment to professional integrity and responsible financial practices within the realms of accounting, taxation. |
| 16 | **Program Outcomes for M.Com:**<br>1. **Advanced Financial Reporting:**<br>Graduates will demonstrate proficiency in preparing and analyzing advanced financial statements, understanding and applying requisite accounting standards and regulations.<br>2. **Strategic Tax Planning:**<br>Graduates will possess the ability to develop and implement strategic tax planning initiatives, considering legal and ethical implications while optimizing tax positions for individuals and organizations.<br>3. **Risk Assessment and Management:** Graduates will demonstrate competency in assessing and managing financial risks, integrating risk management principles into accounting and taxation practices.<br>4. **Ethical Decision-Making**:<br>Graduates will exhibit ethical decision-making skills, understanding and applying ethical standards in accounting, taxation, and forensic accounting contexts. |

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| | 5. **In-Depth Knowledge of Tax Regulations**:<br>Graduates will have in-depth knowledge of tax regulations, enabling them to navigate complex tax laws, provide accurate advice, and ensure compliance in various tax environments.<br>6. **Effective Communication in Accounting and Taxation:** Graduates will communicate complex accounting and taxation concepts effectively, adapting their communication style to different stakeholders, both within and outside the organization.<br>7. **Application of Technology in Accounting:** Graduates will be proficient in leveraging technological tools and accounting software to enhance efficiency in accounting and taxation processes, ensuring adaptability to evolving technological landscapes. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Use of Technology in Accounting and Taxation:**<br>Graduates will be able to gain knowledge in using technology in accounting and taxation management and will be proficient in the use of MS Excel, Tally, SAP etc.<br>2. **Tax Compliance and Planning Proficiency:**<br>Program-specific outcomes include graduates exhibiting proficiency in tax compliance and planning, showcasing the ability to navigate complex tax codes, strategize for tax optimization, and ensure regulatory adherence.<br>3. **Ethical Leadership in Accounting Practices:**<br>Graduates will demonstrate ethical leadership in accounting practices, integrating ethical considerations into decision-making processes and promoting responsible financial practices within the realms of accounting, taxation. |

**18. Credit Requirements**

- To complete a postgraduate program- M.Com., a student is required to earn 100 credits
- The credit distribution for M. Com Program:

| | |
|---|---|
| Core Courses | 32 Credits |
| Specialization Courses | 40 Credits |
| Research Projects | 08 Credits |
| Internship | 04 Credits |
| Digital Competency Skill | 04 Credits |
| Life Skill Development (CASP) | 02 Credits |
| Other Skills ( Online Courses, Teaching Practices) | 02 Credits |
| | **92 Credits** |

| Sl.No | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 1 | PM24AT5101 | Financial Reporting -IND AS | 4 |
| 2 | | PM24AT5102 | Strategic Financial Management | 4 |
| 3 | | PM24AT5103 | Modern Management Practices | 4 |
| 4 | | PM24AT5104 | Quantitative analysis | 4 |
| 5 | | PM24AT5105 | Strategic Marketing management | 4 |
| 6 | | PM24AT5106 | Applied managerial Economics | 4 |
| | | **TOTAL** | | **24** |
| Break | | | | |
| 1 | 2 | PM24AT5201 | Financial Reporting- IFRS | 4 (3+1) |
| 2 | | PM24AT5202 | Business Research Methodology | 3 |
| 3 | | PM24AT5203 | Operations Research | 3 |
| 4 | | PM24AT5204 | International Business | 3 |
| 5 | | PM24AT5205 | Forensic Accounting | 3 |
| 6 | | PM24AT5206 | Computerised Accounting and AI with Integrated Lab | 4 (3+1) |
| 7 | | PM24AT5207 | Societal Innovation Project | 4 |
| | | DCDC | Digital competency Skill | 2 |
| | | CASP | Life skills development – Placement Training | 1 |
| | | **TOTAL** | | **27** |
| Break | | | | |
| 1 | 3 | PM24AT6301 | Advanced Management Accounting | 3 |
| 2 | | PM24AT6302 | Contemporary issues in Accounting | 3 |
| 3 | | PM24AT6303 | Corporate Tax planning and Management | 4 |
| 4 | | PM24AT6304 | Direct Tax Planning and Management | 4 |
| 5 | | PM24AT6305 | Internship | 4 |
| | | CASP | Life skills development – Placement Training | 1 |
| | | SA&SP | Co-Curricular Activities (Seminar/Conference/Teaching Practice/Technical Competition) | 02 |

| | | | | |
|---|---|---|---|---|
| | | **TOTAL** | | **21** |
| **Break** | | | | |
| 1 | 4 | PM24AT6401 | Entrepreneurship Development | 3 |
| 2 | | PM24AT6402 | Strategic Cost Management | 3 |
| 3 | | PM24AT6403 | Customs duty – Law and Practice | 4 |
| 4 | | PM24AT6404 | GST Law and Application | 4 |
| 5 | | PM24AT6405 | Project report - Dissertation | 4 |
| 6 | | DCDC | Digital Competency Skills | 2 |
| | | **TOTAL** | | **20** |

**19. Programme Structure**

| | |
|---|---|
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. Semester End Examination-50% weight<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 40% is required for completion of a Module by acquiring minimum** |

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|---|---|
| | **grade (pass) with a minimum of 40% in each component.**<br>**4.** End of each Semester –grade card will be issued |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 100 credits, for the award of M.Com. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 4 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

## BBA–General Management

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Management (SM) |
| **Program** | BBA- General Management |
| **Dean of Faculty** | Dr. Basavaraj Swamy |
| **Director of School** | Dr. Deepak Muralidharan |

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|---|---|---|
| 1 | **Title of the Award** | BBA -General Management |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of commerce and Management (FCM) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Business Administration (BBA) program offers a comprehensive and dynamic education, designed to equip students with the skills and knowledge essential for success in the business world. With a broad curriculum covering key disciplines such as management, finance, marketing, and entrepreneurship, the program ensures a well-rounded understanding of business principles. The BBA program emphasizes both theoretical foundations and practical applications, fostering critical thinking, problem-solving, and effective communication skills.<br>Students engage in experiential learning through case studies, projects, and internships, gaining | |

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| | valuable insights into real-world business challenges. The program also emphasizes the integration of technology and innovation in business practices, preparing students to adapt to the rapidly evolving global business landscape.<br>With a focus on ethical considerations and responsible business practices, graduates of the BBA program emerge ready for diverse career paths, including management roles, entrepreneurship, consulting, and more. The faculty, often comprised of industry professionals, provides mentorship, ensuring that students receive relevant and up-to-date insights into the business world. The BBA program aims to produce graduates who are well-prepared, adaptable, and capable of contributing meaningfully to the ever-changing field of business. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Holistic Business Understanding:**<br>The program aims to develop graduates with a holistic understanding of business principles and practices, enabling them to comprehend the interdependencies across various business functions, including management, finance, marketing, and entrepreneurship.<br>2. **Effective Communication and Collaboration:**<br>Graduates will possess strong communication and collaboration skills, allowing them to articulate ideas effectively, work collaboratively in diverse teams, and contribute meaningfully to organizational goals in professional settings.<br>3. **Adaptability and Innovation:**<br>The program seeks to cultivate graduates' ability to adapt to changing business environments and foster innovation. This involves developing a mindset that embraces continuous learning, technological advancements, and creative problem-solving to address challenges in dynamic business landscapes. |

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| 16 | **Program Outcomes (POs):**<br>1. **Business Knowledge:**<br>Graduates will demonstrate a comprehensive understanding of fundamental business concepts, including management, finance, marketing, operations, and entrepreneurship.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will possess strong critical thinking skills, enabling them to analyze complex business situations, identify problems, and formulate effective solutions.<br>3. **Effective Communication Skills:**<br>Graduates will communicate clearly and persuasively in both written and oral forms, adapting their communication style to various business contexts and audiences.<br>4. **Teamwork and Collaboration:**<br>Graduates will work effectively in teams, demonstrating the ability to collaborate, share responsibilities, and contribute constructively to achieve common business goals.<br>5. **Ethical Decision-Making:**<br>Graduates will make ethical decisions in business settings, considering the social, environmental, and legal implications of their actions.<br>6. **Technological Proficiency:**<br>Graduates will be proficient in utilizing technology for business applications, including data analysis, project management, and communication tools.<br>7. **Global Business Awareness:**<br>Graduates will have an awareness of the global business environment, understanding the impact of international factors on business operations and adapting strategies for a global marketplace.<br>8. **Entrepreneurial Mindset:**<br>Graduates will demonstrate an entrepreneurial mindset, including the ability to identify opportunities, take calculated risks, and innovate within a business context. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Strategic Management Competence:**<br>Graduates will demonstrate strategic management competence, showcasing the ability to formulate and implement effective business strategies, aligning organizational goals with dynamic market conditions.<br>2. **Leadership and Decision-Making Skills:**<br>Program-specific outcomes include graduates exhibiting leadership and decision-making |

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| | skills, enabling them to guide teams, make informed decisions, and navigate challenges in diverse business scenarios.<br>3. **Entrepreneurial Acumen:**<br>Graduates will develop program-specific outcomes related to entrepreneurial acumen, demonstrating the skills to identify business opportunities, innovate, and foster a proactive and creative approach to business challenges. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 96/132 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **132+30=162** |

**3-year degree program: 96+ 30= 126**

**4 Year Honours Program: 132+30= 162**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada-1/<br>Hindi-1 | 3 |
| 2 | UL24FHE12 | English-1 | 3 |
| 3 | UM24BA1105 | Management Principles and applications | 3 |
| 4 | UM24BA1106 | Marketing Management | 3 |
| 5 | UM24BA1107 | Financial Accounting | 3 |
| 6 | UM24BA1108 | OEC-1 –Office Management | 2 |
| 7 | UM24HGT11 | Technical Skills | 0 |
| 8 | UM24HGL12 | Life Skills | 0 |
| 9 | UM24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| 10 | UM24HGV14 | Environmental Awareness and Community Services | 0 |
| 11 | UM24HGA15 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 12 | UM24HGC16 | Cultural & Literary Activities | 0 |
| 13 | UM24HGR17 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | UM24HGP18 | Placement Training | 0 |
| Total | | | 17 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada-2/<br>Hindi-2 | 3 |
| 2 | UL24FHE12 | English-2 | 3 |
| 3 | UM24BA1205 | Human Resource Management | 3 |
| 4 | UM24BA1206 | Business Environment | 3 |
| 5 | UM24BA1207 | Advanced Financial Accounting | 3 |
| 6 | UM24BA1208 | OEC-2- Business Organisation | 2 |
| 7 | UM24HGT21 | Technical Skills | 02 |
| 8 | UM24HGL22 | Life Skills | 01 |
| 9 | UM24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UM24HGV24 | Environmental Awareness and Community Services | 01 |
| 11 | UM24HGA25 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC26 | Cultural & Literary Activities | 00 |
| 13 | UM24HGR27 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UM24HGP28 | Placement Training | 00 |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BA2301 | Organisational Behaviour | 3 |
| 3 | UM24BA2302 | Small Business Management | 3 |
| 4 | UM24BA2303 | Law and Practice of Income Tax-I | 3 |
| 5 | UM24BA2304 | Statistics for Business | 3 |
| 6 | UM24BA2305 | OEC-3-Social Media Marketing | 2 |
| 7 | UM24HGT31 | Technical Skills | 2 |
| 8 | UM24HGL32 | Life Skills | 1 |
| 9 | UM24HGE33 | Innovation and Entrepreneurial Skills | 0 |
| 10 | UM24HGV34 | Environmental Awareness and Community Services | 1 |
| 11 | UM24HGA35 | Athletics, Sports, Yoga, Gymnasium | 1 |
| 12 | UM24HGC36 | Cultural & Literary Activities | 0 |
| 13 | UM24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | UM24HGP38 | Placement Training | 1 |
| Total | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BA2401 | Project Report on Company Analysis | 3 |
| 2 | UM24BA2402 | Auditing and Assurance | 3 |
| 3 | UM24BA2403 | Corporate Accounting | 3 |
| 4 | UM24BA2404 | Law and Practice of Income Tax-II | 3 |
| 5 | UM24BA2405 | OEC-4- Skills for Marketing | 2 |
| 6 | UM24HGT41 | Technical Skills | 2 |
| 7 | UM24HGL42 | Life Skills | 1 |
| 8 | UM24HGE43 | Innovation and Entrepreneurial Skills | 1 |
| 9 | UM24HGV44 | Environmental Awareness and Community Services | 1 |
| 10 | UM24HGA45 | Athletics, Sports, Yoga, Gymnasium | 1 |
| 11 | UM24HGC46 | Cultural & Literary Activities | 1 |
| 12 | UM24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 13 | UM24HGP48 | Placement Training | 1 |
| Total | | | 22 |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BA3501 | Elements of Costing | 3 |
| 2 | UM24BA3502 | Quantitative Aptitude | 2 |
| 3 | UM24BA3503 | Human Resource Development | 3 |
| 4 | UM24BA3504 | Financial Management | 3 |
| 5 | UM24BA3505 | Research Methodology | 2 |
| 6 | UM24BA3506 | New Venture and Creation Management | 3 |
| 7 | UM24HGT51 | Technical Skills | 2 |
| 8 | UM24HGL52 | Life Skills | 0 |
| 9 | UM24HGE53 | Innovation and Entrepreneurial Skills | 0 |
| 10 | UM24HGV54 | Environmental Awareness and Community Services | 0 |
| 11 | UM24HGA55 | Athletics, Sports, Yoga, Gymnasium | 1 |
| 12 | UM24HGC56 | Cultural & Literary Activities | 0 |
| 13 | UM24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 14 | UM24HGP58 | Placement Training | 1 |
| | | | |
| Total | | | 20 |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BA3601 | Methods and Techniques of Costing | 3 |
| 2 | UM24BA3602 | Management Accounting | 3 |
| 3 | UM24BA3603 | GST- Fundamentals | 3 |
| 4 | UM24BA3604 | Business Ethics and Corporate Social Responsibility | 3 |
| 5 | UM24BA3605 | Dissertation | 3 |
| 6 | UM24BA3606 | International Business | 3 |
| 7 | UM24HGT61 | Technical Skills | 02 |
| 8 | UM24HGL62 | Life Skills | 00 |
| 9 | UM24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UM24HGV64 | Environmental Awareness and Community Services | 00 |
| 11 | UM24HGA65 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UM24HGC66 | Cultural & Literary Activities | 01 |
| 13 | UM24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical | 00 |

| | | | |
|---|---|---|---|
| | | Competition) | |
| 14 | UM24HGP68 | Placement Training | 00 |
| Total | | | 22 |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BA4701 | Applied Managerial Economics | 4 |
| 2 | UM24BA4702 | Financial Market and Services | 4 |
| 3 | UM24BA4703 | Management Statistics | 4 |
| 4 | UM24BA4704 | Internship | 8 |
| 5 | UM24HGT71 | Technical Skills | 0 |
| 6 | UM24HGL72 | Life Skills | 0 |
| 7 | UM24HGE73 | Innovation and Entrepreneurial Skills | 0 |
| 8 | UM24HGV74 | Environmental Awareness and Community Services | 0 |
| 9 | UM24HGA75 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 10 | UM24HGC76 | Cultural & Literary Activities | 1 |
| 11 | UM24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 1 |
| 12 | UM24HGR78 | Placement Training | 0 |
| Total | | | 22 |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UM24BA4801 | Strategic Financial management | 4 |
| 2 | UM24BA4802 | Operations Research | 4 |
| 3 | UM24BA4803 | Project Work | 8 |
| 4 | UM24HGT81 | Technical Skills | 00 |
| 5 | UM24HGL82 | Life Skills | 00 |
| 6 | UM24HGE83 | Innovation and Entrepreneurial Skills | 01 |
| 07 | UM24HGV84 | Environmental Awareness and Community Services | 00 |
| 08 | UM24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 09 | UM24HGC86 | Cultural & Literary Activities | 00 |
| 10 | UM24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | UM24HGP88 | Placement Training | 00 |
| | | | |
| Total | | | 18 |

List of Open Electives Offered

1. Office Management
2. Business Organization
3. Social media marketing
4. Skills for marketing

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. FacetoFaceLecturesusingAudio-Visuals<br>2. Laboratorywork/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. GroupExercises/Assignments<br>6. Demonstrations<br>7. GuestLectures<br>8. IndustryVisit<br>9. Workshops,GroupDiscussions,Debates,Presentations<br>10. Project Work<br>11. ProjectExhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimumof85%attendanceis essential toappear forsemesterendexaminations. Condoningof attendanceshortageisas pertheAcademic Regulations of BBM Program. |
| 22 | **Assessment and Grading**<br>1. Everycoursewillbeassessed fora weightof 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ |

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| | (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. CourseNotes<br>2. ReferenceBooksintheLibrary<br>3. MagazinesandJournals<br>4. InternetFacility<br>5. ComputingFacility<br>6. LaboratoryFacility<br>7. WorkshopFacility<br>8. Staff Support<br>9. LoungesforDiscussions<br>10. Anyother supportthat enhances theirlearning |
| 25 | **Quality Control Measures**<br>1. Reviewof CourseNotes<br>2. ReviewofQuestionPapersandAssignmentQuestions<br>3. Student Feedback<br>4. Moderationof Assessed Work |

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|---|---|
| | 5. Opportunitiesforstudentstoseetheir assessed work<br>6. Reviewbyexternalexaminersand externalexaminersreports<br>7. Staff Student ConsultativeCommitteemeetings<br>8. Student exitfeedback<br>9. CourseAssessment Board (CAB)<br>10. ProgrammeAssessment Board (PAB) |

## MBA-GENERAL

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Commerce and Management (FCM) |
| **School** | School of Management (SM) |
| **Program** | MBA |
| **Dean of Faculty** | Dr. Sanjay Pande M B |
| **Program Director** | Dr. Shivakumar S |

| | | |
|---|---|---|
| 1 | **Title of the Award** | MBA |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FCM<br>GM University |
| 6 | **Date of Program Specifications** | November-2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

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| 14 | **Program Overview**<br>The Master of Business Administration (MBA) program in General Management is a dynamic and comprehensive post graduate-level offering designed to prepare students for leadership roles across diverse business sectors. This program provides a holistic understanding of key business disciplines, including finance, marketing, operations, human resource and strategic management. Emphasizing strategic leadership, it equips students with the skills needed to navigate complex organizational challenges and make informed decisions in today's dynamic business landscape. With a global perspective, the curriculum addresses the complexities of business, fostering cultural awareness and adaptability.<br>Through a blend of theoretical insights and practical applications, students engage in case studies, simulations, and real-world projects. The program encourages an entrepreneurial mindset, instilling the ability to identify opportunities and innovate. Ethical leadership and corporate social responsibility are integral components, ensuring graduates lead with integrity. Networking opportunities and interactions with experienced faculty and industry professionals enhance the learning experience. A capstone project or internship provides hands-on experience, further preparing graduates for leadership roles. Overall, the MBA in General Management program equips individuals with the strategic acumen and versatile skill set needed to excel in leadership positions across various industries. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Strategic Leadership Proficiency:**<br>Graduates of the MBA program will demonstrate advanced proficiency in strategic leadership, showcasing the ability to formulate and implement effective business strategies, adapt to changing environments, and lead organizations toward sustainable success.<br>2. **Cross-Functional Decision-Making:**<br>Program-specific objectives include developing graduates' skills in cross-functional decision-making, enabling them to integrate knowledge from various business disciplines to address complex challenges and make informed, well-rounded decisions.<br>3. **Ethical and Socially Responsible Leadership:**<br>Graduates will exhibit a commitment to ethical leadership and corporate social responsibility, incorporating principles of integrity, social impact, and sustainability into their decision-making |

| | |
|---|---|
| | processes and organizational practices. |
| 16 | **Program Outcomes (POs):**<br>1. **Strategic Thinking:**<br>Graduates will demonstrate the ability to think strategically, analyze complex business situations, and formulate effective strategies to achieve organizational goals in dynamic environments.<br>2. **Effective Communication Skills:**<br>Graduates will develop strong communication skills, both oral and written, enabling them to articulate ideas clearly, engage stakeholders, and convey complex business concepts to diverse audiences.<br>3. **Leadership and Team Management:**<br>Graduates will exhibit leadership qualities and team management skills, demonstrating the ability to lead teams, foster collaboration, and inspire others to achieve common objectives.<br>4. **Decision-Making Competence:**<br>Graduates will be competent in decision-making, showcasing the ability to analyze data, evaluate options, and make informed and ethical decisions that align with organizational goals.<br>5. **Global Business Acumen:**<br>Graduates will have a global perspective and an understanding of the complexities of international business, enabling them to navigate diverse cultural and market dynamics in a globalized business environment.<br>6. **Innovative Problem-Solving:**<br>Graduates will demonstrate innovative problem-solving skills, applying creative thinking and adaptability to address challenges and identify opportunities in business settings.<br>7. **Financial Management Proficiency:**<br>Graduates will acquire advanced financial management skills, including the ability to analyze financial data, make sound financial decisions, and contribute to the overall financial health of an organization.<br>8. **Entrepreneurial Mindset:** |

| | |
|---|---|
| | Graduates will cultivate an entrepreneurial mindset, showcasing the ability to identify and capitalize on business opportunities, innovate within established organizations, or initiate and manage entrepreneurial ventures. |
| 17 | **Program-Specific Outcomes (PSOs):**<br>1. **Strategic Decision-Making:**<br>Graduates will demonstrate the ability to make strategic decisions by synthesizing information from various business functions, analyzing complex scenarios, and formulating effective strategies contributing to organizational success in diverse industries.<br>2. **Cross-Functional Leadership:**<br>Program-specific objectives include developing graduates' skills in cross-functional leadership, enabling them to lead teams comprising of individuals with diverse expertise and ensuring effective collaboration across different organizational functions.<br>3. **Change Management Proficiency:**<br>Graduates will exhibit proficiency in change management, showcasing the ability to lead and navigate organizational change, adapt to evolving business environments, and foster a culture of innovation and resilience within teams and organizations. |

**18. Credit Requirements**

- To complete a postgraduate program (MBA, a student is required to earn 106 credits
- Those students who complete only course work (68 Credits), are awarded a Postgraduate Diploma
- The credit distribution for the MBA Program:
  - Core Courses = 44 credits
  - Specialization Courses = 24 credits
  - Other skills (Seminar, Experiential Learning) = 6 credits (3+3)
  - Digital Competency Skill = 8 credits
  - Societal project, Internship Assessment and Project Work = 22 credits (4+4+14)
  - Life Skill Development CASP = 02 Credits
  - Total = 106 Credits

**19. Programme Structure**

| Semester I | | | |
|---|---|---|---|
| **Sl. No..** | **Course Code** | **Course Title** | **Credits** |
| 1 | PM24GM5101 | Management Essentials & Organizational Behaviour | 3 |
| 2 | PM24GM5102 | Financial Accounting for Managers | 3 |
| 3 | PM24GM5103 | Marketing Management | 3 |
| 4 | PM24GM5104 | Economics for Managers | 3 |
| 5 | PM24GM5105 | Data Driven Decision Making | 3 |
| 6 | PM24GM5106 | Professional Communication and Life Skills | 3 |
| 7 | DCDC | Digital Competency Development Course | 2 |
| **TOTAL** | | | **20** |
| **Semester II** | | | |
| 8 | PM24GM5201 | Strategic Management | 3 |
| 9 | PM24GM5202 | Financial Management | 3 |
| 10 | PM24GM5203 | Human Resource Management | 3 |
| 11 | PM24GM5204 | Operations Research | 3 |
| 12 | PM24GM5205 | Entrepreneurship Development | 3 |
| 13 | PM24GM5206 | Research Methodology and IPR | 3 |
| 14 | PM24GM5207 | Analytics for Decision Making | 2 |
| 15 | PM24GM5208 | Societal Innovation Project | 4 |
| 16 | DCDC | Digital Competency Development Course | 2 |
| **TOTAL** | | | **26** |
| **Semester III** | | | |
| 17 | PM24GM6301 | Business Environment and Legal Aspects | 3 |
| 18 | PM24GM6302 | Project Management | 3 |
| 19 | PM24GM63XX | Specialization-I Elective-1 | 3 |

| | | | |
|---|---|---|---|
| 20 | PM24GM63XX | Specialization-I Elective-2 | 3 |
| 21 | PM24GM63XX | Specialization-II Elective-1 | 3 |
| 22 | PM24GM63XX | Specialization-II Elective-2 | 3 |
| 23 | PM24GM6303 | Internship Assessment | 4 |
| 24 | DCDC | Digital Competency Development Course | 2 |
| **TOTAL** | | | **24** |
| **Semester IV** | | | |
| 25 | PM24GM64XX | Specialization-I Elective-3 | 3 |
| 26 | PM24GM64XX | Specialization-I Elective-4 | 3 |
| 27 | PM24GM64XX | Specialization-II Elective-3 | 3 |
| 28 | PM24GM64XX | Specialization-II Elective-4 | 3 |
| 29 | PM24GM6403 | Project Work | 14 |
| 30 | DCDC | Digital Competency Development Course | 2 |
| 31 | | Seminar | 3 |
| **TOTAL** | | | **31** |

**SEMESTER III**

**For Dual Specialization: Select any 2 Courses from each Specialization**

| Sl. No. | Course Code | SUBJECT TITLE |
|---|---|---|
| **HUMAN RESOURCE MANAGEMENT** | | |
| **1** | PM24GM6311 | Industrial Relations and Labor Laws |
| **2** | PM24GM6312 | Performance Evaluation and Compensation Management |
| **3** | PM24GM6313 | Human Resource Metrics and Analytics |
| **4** | PM24GM6314 | Leadership and Change Management |
| **MARKETING MANAGEMENT** | | |
| 1 | PM24GM6321 | Supply Chain Management |
| 2 | PM24GM6322 | Retail Management |
| 3 | PM24GM6323 | Marketing Research and Analytics |
| 4 | PM24GM6324 | Digital and Social Media Marketing |
| **OPERATIONS MANAGEMENT** | | |
| **1** | PM24GM6331 | Service Operations Management |
| **2** | PM24GM6332 | Comprehensive Quality Management and Six Sigma |
| **3** | PM24GM6333 | Sales management and operation planning |
| **4** | PM24GM6334 | Operations Strategy |
| **BUSINESS ANALYTICS** | | |
| **1** | PM24GM6341 | Essentials of Business Analytics |
| **2** | PM24GM6342 | Text, social media& Web Analytics |
| **3** | PM24GM6343 | Predictive Analytics |
| **4** | PM24GM6344 | Big Data Analytics |
| **FINANCIAL MANAGEMENT** | | |
| **1** | PM24GM6351 | Investment Analysis and Portfolio Management |
| **2** | PM24GM6352 | Investment Banking & Financial Services |
| **3** | PM24GM6353 | Corporate Financial Management |
| **4** | PM24GM6354 | Corporate Taxation |

| | | |
|---|---|---|
| **AGRICULTURAL MARKETING** | | |
| **1** | PM24GM6361 | Entrepreneurial Finance in Agriculture |
| **2** | PM24GM6362 | Advanced Agricultural Economics |
| **3** | PM24GM6363 | Digital Marketing in Agriculture |
| **4** | PM24GM6364 | Rural marketing |
| **INNOVATION AND ENTREPRENEURSHIP** | | |
| **1** | PM24GM6371 | Intellectual property management |
| **2** | PM24GM6372 | Leadership in Innovation and Entrepreneurship |
| **3** | PM24GM6373 | Business Model Innovation |
| **4** | PM24GM6374 | Global Entrepreneurship |
| **INTERNATIONAL BUSINESS** | | |
| **1** | PM24GM6381 | International marketing |
| **2** | PM24GM6382 | Global Supply Chain Management |
| **3** | PM24GM6383 | International Finance |
| **4** | PM24GM6384 | Digital transformation in Global Business |
| **LOGISTICS AND SUPPLY CHAIN MANAGEMENT** | | |
| **1** | PM24GM6391 | Logistics and Supply Chain Management |
| **2** | PM24GM6392 | Inventory Management |
| **3** | PM24GM6393 | Information System for Logistics Management |
| **4** | PM24GM6394 | Sustainability in Supply chain Management |

**SEMESTER IV**

**For Dual Specialization: Select any 2 Courses from each Specialization**

| Sl. No. | Course Code | SUBJECT TITLE |
|---|---|---|
| **HUMAN RESOURCE MANAGEMENT** | | |
| 1 | PM24GM6411 | Recruitment and Selection |
| 2 | PM24GM6412 | International HRM |
| 3 | PM24GM6413 | Training and Development |
| 4 | PM24GM6414 | Strategic HRM |
| **MARKETING MANAGEMENT** | | |
| 1 | PM24GM6421 | Services Marketing |
| 2 | PM24GM6422 | Advertising and Promotion |
| 3 | PM24GM6423 | B2B Marketing |
| 4 | PM24GM6424 | Brand Management |
| **OPERATIONS MANAGEMENT** | | |
| 1 | PM24GM6431 | Behavioral Operations Management |
| 2 | PM24GM6432 | Management of Manufacturing Systems |
| 3 | PM24GM6433 | Sourcing Management |
| 4 | PM24GM6434 | Supply Chain Analytics |
| **BUSINESS ANALYTICS** | | |
| 1 | PM24GM6441 | Financial Analytics |
| 2 | PM24GM6442 | HR Analytics |
| 3 | PM24GM6443 | Exploratory Data Analysis for Business |
| 4 | PM24GM6444 | Marketing Analytics |
| **FINANCIAL MANAGEMENT** | | |
| 1 | PM24GM6451 | Financial Derivatives |
| 2 | PM24GM6452 | Global Financial Management |
| 3 | PM24GM6453 | Risk management and insurance |
| 4 | PM24GM6454 | Tax management |

| | | |
|---|---|---|
| **AGRICULTURAL MARKETING** | | |
| **1** | PM24GM6461 | Supply Chain Management in Agriculture |
| **2** | PM24GM6462 | Consumer Behaviour in Agriculture |
| **3** | PM24GM6463 | Agricultural Policy and Regulations |
| **4** | PM24GM6464 | Brand Management in Agriculture |
| **INNOVATION AND ENTREPRENEURSHIP** | | |
| **1** | PM24GM6471 | E-Commerce and Digital Entrepreneurship |
| **2** | PM24GM6472 | Entrepreneurial Finance |
| **3** | PM24AM6473 | Startup Incubation and Acceleration |
| **4** | PM24AM6474 | Ethics in Innovation and Entrepreneurship |
| **INTERNATIONAL BUSINESS** | | |
| **1** | PM24GM6481 | Crisis Management in Global Business |
| **2** | PM24GM6482 | Global Risk Management |
| **3** | PM24GM6483 | Global Business Economics |
| **4** | PM24GM6484 | International Entrepreneurship |
| **LOGISTICS AND SUPPLY CHAIN MANAGEMENT** | | |
| **1** | PM24GM6491 | Supply Chain Risk Modelling |
| **2** | PM24GM6492 | International Logistics Management |
| **3** | PM24GM6493 | E Commerce Logistics |
| **4** | PM24GM6494 | Distribution Management for Global Supply Chain |

These courses provide a well-rounded foundation in general management, covering key areas essential for leadership roles in diverse industries. Depending on the program, students may have the opportunity to choose elective courses based on their specific interests or career goals.

| | |
|---|---|
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is compulsory for SEE |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weightage of 100<br>2. Assignments- 50% weightage<br>3. SEE Examination-50% weightage<br>If marks scored is:<br>• 91 and above O (Outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 50-60 : B (Average): ***Below 50: C (Not satisfactory)***<br>• If one scores C grade, the candidate must re-register for the subject and earn the required credits.<br>• **A minimum of 50% is required to complete a course by acquiring a minimum grade(pass) with a minimum of 50% in each component.**<br>4. End of each Semester, a grade card will be issued |
| 23 | **Award of Degree**<br>Every student registering for the program needs to complete a **minimum of 106 credits for the award of M. B A. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade cards with CGPA displayed and GM University Degree Certificate. |

| | |
|---|---|
| | **Award of Gold Medal:**<br>A student with the highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 4 semesters and completing the program within the specified period of 2 years (4 semesters) will be awarded the Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Workshop Facility<br>7. Staff Support<br>8. Lounges for Discussions<br>9. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by internal examiners and external examiners' reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# PROGRAM DETAILS

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|---|---|
| **Faculty** | Computing and IT (FCIT) |
| **School** | School of Computer Applications (SCA) |
| **Program** | BCA-Bachelors of Computer Applications |
| **Dean of Faculty** | Dr. Shweta Marigoudar |
| **Director of School** | Mr. Rajashekhar G.C. |

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| 1 | **Title of the Award** | BCA-Bachelor of Computer Applications |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Computing and IT (FCIT) |
| 6 | **Date of Program Specifications** | November -2024 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor's in Computer Applications (BCA) is a comprehensive undergraduate program designed to provide students with a strong foundation in computer science and its practical applications. This program is specifically crafted to meet the increasing demand for skilled professionals in the field of information technology.<br>The typical duration of a BCA program is three years, divided into six semesters. Each semester covers a set of core and elective courses, ensuring a well-rounded education in computer applications.<br>The BCA curriculum encompasses a broad range of subjects to equip students with both theoretical knowledge and practical skills. Key areas of study include:<br>1. **Programming Languages:** Students learn popular programming languages such as Java, C++, Python, and others, enabling them to develop software applications efficiently. | |

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| | 2. **Database Management Systems (DBMS):** Understanding the principles of database design, implementation, and management is crucial, and students gain proficiency in database systems like MySQL, Oracle, and SQL Server.<br>3. **Data Structures and Algorithms:** This area focuses on problem-solving skills, algorithm analysis, and the implementation of data structures, critical for efficient software development.<br>4. **Web Development:** Students acquire skills in web technologies, including HTML, CSS, JavaScript, and server-side scripting languages, preparing them for roles in web application development.<br>5. **Networking and Security:** An understanding of computer networks, protocols, and security measures is vital in the digital age. BCA students are introduced to concepts such as network design, cyber security, and ethical hacking.<br>6. **Operating Systems:** The study of operating systems, including their design and functionality, ensures that students have a deep understanding of the software that manages computer hardware.<br>7. **Software Engineering:** This area covers software development methodologies, project management, and quality assurance, imparting knowledge about the entire software development lifecycle.<br>**Practical Exposure:** BCA programs often include practical sessions, labs, and projects to provide hands-on experience. Students typically work on real-world projects to apply their theoretical knowledge and develop problem-solving skills.<br>**Internship and Industry Exposure:** Many BCA programs incorporate internships or industry exposure programs, allowing students to gain practical experience in a professional setting. This helps bridge the gap between academic learning and industry requirements.<br>**Career Opportunities:** Upon completion of the BCA program, graduates are well-prepared for various roles, including software developer, web developer, database administrator, system analyst, and more. The program opens doors to diverse opportunities in the rapidly evolving IT industry. |
| 15 | **Program Educational Objectives (PEOs) for BCA Program:**<br>**1. Technical Proficiency:**<br>Graduates of the BCA program will demonstrate a high level of technical competence in computer science, including proficiency in programming languages, software development methodologies, and the ability to design and implement robust computing solutions.<br>**2. Problem-Solving and Critical Thinking:**<br>BCA graduates will excel in problem-solving and critical thinking, applying logical reasoning and analytical skills to identify, analyze, and solve complex computing challenges effectively. They will be adept at adapting to new technologies and methodologies to address emerging issues in the field.<br>**3. Effective Communication and Collaboration:**<br>BCA program alumni will possess strong communication skills, enabling them to convey technical concepts clearly to both technical and non-technical audiences. They will excel in collaborative environments, working seamlessly with diverse teams to achieve common goals and contribute to the success of projects. |

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| 16 | **Program Outcomes for Bachelor's Program in Computer Applications:**<br>1. Software Development Proficiency:<br>• *Outcome:* Graduates will demonstrate proficiency in designing, implementing, and testing software systems using contemporary programming languages and development tools.<br>2. Problem-Solving and Critical Thinking:<br>• *Outcome:* Graduates will excel in problem-solving and critical thinking, applying logical reasoning and analytical skills to identify, analyze, and solve complex computing challenges.<br>3. Effective Communication and Collaboration:<br>• *Outcome:* Alumni will possess strong communication skills, conveying technical concepts clearly to both technical and non-technical audiences and excelling in collaborative environments.<br>4. Database Management and Optimization:<br>• *Outcome:* Graduates will possess specialized skills in database management, encompassing the design, implementation, and optimization of databases to ensure efficient data storage and retrieval.<br>5. Web Application Development Proficiency:<br>• *Outcome:* Graduates will demonstrate proficiency in developing dynamic and interactive web applications, utilizing modern web technologies, frameworks, and design principles.<br>6. Software Security Awareness:<br>• *Outcome:* Graduates will be aware of software security principles, implementing measures to protect against common vulnerabilities and ensuring the integrity and confidentiality of information.<br>7. Project Management Skills:<br>• *Outcome:* Graduates will showcase skills in project management, effectively coordinating and leading teams in the successful completion of software projects.<br>8. Continuous Learning and Adaptability:<br>• *Outcome:* Graduates will foster a mindset of continuous learning and adaptability, staying abreast of emerging technologies and methodologies in the dynamic field of computer applications. |
| 17 | **Program Specific Outcomes (PSOs) for BCA Program:**<br>1. Advanced Software Development Proficiency:<br>*PSO:* Graduates will demonstrate advanced proficiency in software development, designing and implementing complex applications using contemporary programming languages and development tools. Indicators include the ability to apply advanced programming paradigms, design patterns, and optimization techniques to enhance code quality and maintainability.<br>2. Specialized Database Management Skills:<br>*PSO:* Graduates will exhibit specialized skills in database management, including the design, optimization, and administration of databases for diverse application domains. Indicators include |

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| | the ability to design normalized database schemas, optimize queries for improved performance, and implement security measures to safeguard sensitive information.<br>3. Advanced Web Application Development Competence:<br>*PSO:* Graduates will demonstrate advanced competence in developing dynamic and interactive web applications using modern technologies and frameworks. Indicators include the ability to design responsive and user-friendly interfaces, implement server-side logic, and apply security best practices to protect against common web vulnerabilities. |

**Programme Structure**

**A. Definition of Credit**:

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|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11/<br>UL24FHH11 | Kannada Shravana-1 /<br>Hindi – Katha Saritha | 2 |
| 2 | UL24FHE11 | English Insight-1 | 2 |
| 3 | UC24CA1104 | Fundamentals of Computer | 3 |
| 4 | UC24CA1105 | Programming in C | 3 |
| 5 | UC24CA1106 | C Programming Lab | 2 |
| 6 | UC24CA1107 | Introduction to Linux | 3 |
| 7 | UC24CA1108 | Linux Lab | 2 |
| 8 | UM24BC1142 | OEC-1 Banking Fundamentals | 3 |
| 9 | UC24HGT11 | Technical Skills | 0 |
| 10 | UC24HGL12 | Life Skills | 00 |
| 11 | UC24HGE13 | Innovation and Entrepreneurial Skills | 0 |
| 12 | UC24HGV14 | Environmental Awareness and Community Services | 0 |
| 13 | UC24HGA15 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | UC24HGC16 | Cultural & Literary Activities | 0 |
| 15 | UC24HGR17 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 16 | UC24HGP18 | Placement Training | 0 |
| | | | |
| **Total** | | | **21** |

| Semester-2 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK21<br>UL24FHH21 | Kannada Shravana-2 /<br>Hindi – Katha Sourabha | 2 |
| 2 | UL24FHE21 | English Insight-2 | 2 |
| 4 | UC24CA1204 | Data Structure using C | 3 |
| 5 | UC24CA1205 | Data Structure Lab | 2 |
| 6 | UC24CA1206 | Object Oriented Concepts using Java | 3 |
| 7 | UC24CA1207 | Java Lab | 2 |
| 8 | UM24BC1241 | OEC-2 Managing Work Force | 3 |
| 9 | UC24HGT21 | Technical Skills | 02 |
| 10 | UC24HGL22 | Life Skills | 00 |
| 11 | UC24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 12 | UC24HGV24 | Environmental Awareness and Community Services | 01 |
| 13 | UC24HGA25 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | UC24HGC26 | Cultural & Literary Activities | 00 |
| 15 | UC24HGR27 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | UC24HGP28 | Placement Training | 00 |
| | | | |
| **Total** | | | **21** |

| Semester-3 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24CA2301 | Data Base System Concepts | 3 |
| 2 | UC24CA2302 | Data Base System Lab | 2 |
| 3 | UC24CA2303 | Python Programming | 3 |
| 4 | UC24CA2304 | Python Lab | 2 |
| 5 | UC24CA2305 | Operating System | 3 |
| 6 | UC24CA2306 | Discrete Mathematics | 3 |
| 7 | UM24BC2341 | OEC-3 Advertising Skills | 3 |
| 8 | UC24HGT31 | Technical Skills | 02 |
| 9 | UC24HGL32 | Life Skills | 01 |
| 10 | UC24HGE33 | Innovation and Entrepreneurial Skills | 00 |
| 11 | UC24HGV34 | Environmental Awareness and Community Services | 00 |
| 12 | UC24HGA35 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | UC24HGC36 | Cultural & Literary Activities | 01 |
| 14 | UC24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 15 | UC24HGP38 | Placement Training | 00 |
| | | | |
| **Total** | | | **24** |

| Semester-4 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24CA2401 | Artificial Intelligence | 3 |
| 2 | UC24CA2402 | Artificial Intelligence Lab | 2 |
| 3 | UC24CA2403 | Algorithm Design | 3 |
| 4 | UC24CA2404 | Algorithm Design Lab | 2 |
| 5 | UC24CA2405 | Computer Network | 3 |
| 6 | UC24CA2441<br>UC24CA2442<br>UC24CA2443 | **Professional Elective-1** | 3 |
| 7 | UC24HGT41 | Technical Skills | 02 |
| 8 | UC24HGL42 | Life Skills | 01 |
| 9 | UC24HGE43 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UC24HGV44 | Environmental Awareness and Community Services | 01 |
| 11 | UC24HGA45 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UC24HGC46 | Cultural & Literary Activities | 01 |
| 13 | UC24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UC24HGP48 | Placement Training | 01 |
| | | | |
| **Total** | | | **22** |

| Semester-5 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24CA3501 | Web Technology | 3 |
| 2 | UC24CA3502 | Web Technology Lab | 2 |
| 3 | UC24CA3503 | C# and Dot Net Framework | 3 |
| 4 | UC24CA3504 | C# Lab | 2 |
| 5 | UC24CA3505 | Software Engineering | 3 |
| 6 | UC24CA3541<br>UC24CA3542<br>UC24CA3543 | **Professional Elective-2** | 3 |
| 7 | UC24HGT51 | Technical Skills | 02 |
| 8 | UC24HGL52 | Life Skills | 01 |
| 9 | UC24HGE53 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UC24HGV54 | Environmental Awareness and Community Services | 00 |
| 11 | UC24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | UC24HGC56 | Cultural & Literary Activities | 00 |
| 13 | UC24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 14 | UC24HGP58 | Placement Training | 01 |
| | | | |
| **Total** | | | **23** |

| Semester-6 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24CA3601 | Full Stack Development with Integrated Lab | 3+1=4 |
| 2 | UC24CA3641<br>UC24CA3642<br>UC24CA3643 | **Professional Elective-3** | 3 |
| 3 | UC24CAD01 | Dissertation | 5 |
| 4 | UC24HGT61 | Technical Skills | 02 |
| 5 | UC24HGL62 | Life Skills | 00 |
| 6 | UC24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 7 | UC24HGV64 | Environmental Awareness and Community Services | 01 |
| 8 | UC24HGA65 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 9 | UC24HGC66 | Cultural & Literary Activities | 01 |
| 10 | UC24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | UC24HGP68 | Placement Training | 01 |
| | | | |
| **Total** | | | **19** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24CAC71 | Research Methodology and IPR | 03 |
| 2 | UC24CAR72 | Research Paper - 1 | 03 |
| 3 | UC24CAI73 | Internship | 08 |
| 4 | UC24HGT71 | Technical Skills | 00 |
| 5 | UC24HGL72 | Life Skills | 00 |
| 6 | UC24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| 7 | UC24HGV74 | Environmental Awareness and Community Services | 00 |
| 8 | UC24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | UC24HGC76 | Cultural & Literary Activities | 00 |
| 10 | UC24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | UC24HGP78 | Placement Training | 00 |
| **Total** | | | **14** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24CAI81 | Industrial Excursion | 03 |
| 2 | UC24CAR82 | Research Paper - 2 | 03 |
| 3 | UC24CAD02 | Dissertation | 10 |
| 4 | UC24HGT81 | Technical Skills | 00 |
| 5 | UC24HGL82 | Life Skills | 00 |
| 6 | UC24HGE83 | Innovation and Entrepreneurial Skills | 00 |
| 7 | UC24HGV84 | Environmental Awareness and Community Services | 00 |
| 8 | UC24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | UC24HGC86 | Cultural & Literary Activities | 00 |
| 10 | UC24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | UC24HGP88 | Placement Training | 00 |
| **Total** | | | **16** |

List of **Professional Elective-1** Offered

1. Cyber Security
2. Network Security
3. Cloud Computing

List of **Professional Elective-2** Offered

1. Artificial Intelligence and Machine Learning
2. Artificial Neural Network
3. Big Data Analytics

List of **Professional Elective-3** Offered

1. Ethical Hacking
2. Data Science
3. Internet of Things

List of **Open Elective Course** Offered

1. **Semester – 1:** Fundamentals of Computers (UC24CA1131)
2. **Semester – 2:** Introduction to C Programming (UC24CA1231)
3. **Semester – 3:** E-Commerce (UC24CA2331)

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of BCA Programme. |

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| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honors degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback |

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| | 4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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**MCA- Master of Computer Applications**

**PROGRAM DETAILS**

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|---|---|
| **Faculty** | Computing and IT (FCIT) |
| **School** | School of Computer Applications (SCA) |
| **Program** | MCA-Master of Computer Applications |
| **Dean of Faculty** | Mrs. Shweta Marigoudar |
| **Director of School** | Mr. Rajashekhar G.C. |

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| 1 | **Title of the Award** | MCA |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FCIT<br>GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview- MCA**<br>The Master of Computer Applications (MCA) program is a comprehensive postgraduate course designed to impart advanced knowledge and skills in the field of computer applications. Spanning two to three years, this program caters to individuals seeking expertise in software development, system analysis, and database management. The curriculum encompasses a wide array of subjects, including programming languages, algorithm design, software engineering, and emerging technologies.<br>Students engage in a rigorous academic environment that combines theoretical concepts with | |

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| | practical applications through hands-on projects and internships. The program aims to equip graduates with a deep understanding of software development methodologies, data management, and system architecture. Advanced topics such as artificial intelligence, machine learning, and cybersecurity are integrated to prepare students for the evolving landscape of the technology industry.<br>Upon completion, MCA graduates are well-prepared to pursue roles in software development, IT consulting, project management, and research. The program emphasizes critical thinking, problem-solving, and effective communication skills, ensuring that graduates are equipped to tackle complex challenges and contribute to the ever-expanding field of computer applications. |
| 15 | **Program Educational Objectives (PEOs) for Master of Computer Applications (MCA):**<br>1. **Advanced Technical Expertise:**<br>• Graduates of the MCA program will possess advanced technical expertise in computer applications, demonstrating a deep understanding of software development, system analysis, and emerging technologies. They will be well-versed in the application of theoretical knowledge to solve complex computing challenges.<br>2. **Leadership and Innovation:**<br>• MCA graduates will exhibit leadership skills and a capacity for innovation in the field of computer applications. They will be capable of leading software development teams, implementing innovative solutions, and adapting to evolving technological landscapes.<br>3. **Effective Collaboration and Communication:**<br>Alumni of the MCA program will excel in collaborative environments, effectively communicating technical concepts and leading interdisciplinary teams. They will demonstrate the ability to contribute to the success of projects through clear communication and seamless teamwork. |
| 16 | **Program Outcomes for Master of Computer Applications (MCA):**<br>1. **Advanced Software Development Proficiency:**<br>• *Outcome:* Graduates will demonstrate advanced proficiency in software development, including the ability to design, implement, and optimize complex and scalable software systems.<br>2. **System Analysis and Design Competence:**<br>• *Outcome:* Graduates will exhibit competence in system analysis and design, effectively applying architectural principles to develop robust and efficient computing solutions.<br>3. **Specialized Knowledge in Emerging Technologies:**<br>*Outcome:* Graduates will possess specialized knowledge in emerging technologies, such as artificial intelligence, machine learning, and cybersecurity, enabling them to address contemporary challenges in the computing industry. |

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| | 4. **Database Management Proficiency:**<br>• *Outcome:* Graduates will showcase proficiency in database management, encompassing the design, optimization, and administration of databases to ensure efficient data storage and retrieval.<br>5. **Effective Project Management Skills:**<br>• *Outcome:* Graduates will demonstrate effective project management skills, overseeing the successful completion of software projects and coordinating interdisciplinary teams.<br>6. **Research and Development Capabilities:**<br>• *Outcome:* Graduates will have the capability to engage in research and development activities, contributing to advancements in computer applications through innovative solutions and methodologies.<br>7. **Adaptability to Evolving Technologies:**<br>• *Outcome:* Graduates will showcase adaptability to evolving technologies, staying abreast of industry trends and integrating new tools and methodologies into their professional practices.<br>8. **Ethical and Professional Conduct:**<br>• *Outcome:* Graduates will uphold ethical standards and exhibit professional conduct in all aspects of their work, ensuring responsible and ethical use of computing technologies. |
| 17 | **Program Specific Outcomes (PSOs) for Master of Computer Applications (MCA):**<br>1. **In-Depth Software Architecture Design:**<br>• *PSO:* Graduates will demonstrate proficiency in designing complex software architectures, applying advanced principles to develop scalable and efficient computing solutions.<br>2. **Advanced Data Management and Optimization:**<br>• *PSO:* Graduates will possess specialized skills in advanced data management, encompassing the design, optimization, and administration of databases to ensure efficient and secure data storage and retrieval.<br>3. **Innovative Application of Emerging Technologies:**<br>• *PSO:* Alumni will showcase the ability to innovate in the application of emerging technologies, leveraging concepts from artificial intelligence, machine learning, and cybersecurity to address complex challenges in diverse computing environments. |

**18. Credit Requirements**

- To complete a postgraduate program- M.C.A, a student is required to earn 80 credits
- Those students who successfully complete only course work (40 Credits) Postgraduate Diploma is awarded
- The credit distribution for M.C.A. Program:

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|---|---|
| Course Work – 13 X 3 Credits = | 39 Credits |
| Course Work Lab – 6 X 2 Credits = | 12 Credits |
| Course with integrated lab- 2 X 4 Credits= | 08 Credits |
| Research Work= | 07 Credits |
| Project Work = | 07 Credits |
| Internship = | 08 Credits |
| Technical Skills= | 06 Credits |
| Athletics, Sports, Yoga, Gymnasium | 02 Credits |
| Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 02 Credits |
| Placement Training | 04 Credits |
| **Total** | **95 Credits** |

**19. Programme Structure**

| Sl. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 1 | PC24CA5101 | Mathematical Foundation of Computer Science | 3 |
| 2 | | PC24CA5102 | Operating System | 4 |
| 3 | | PC24CA5103 | Data Warehousing and Data Mining | 3 |
| 4 | | PC24CA5104 | Data Structure and Applications | 3 |
| 5 | | PC24CA5105 | Data Structure Lab | 2 |
| 6 | | PC24CA5106 | Object Oriented Programming with Java | 3 |
| 7 | | PC24CA5107 | Java Lab | 2 |
| 8 | | P24TS01 | Technical Skills | 2 |
| **Total** | | | | **22** |
| Break | | | | |
| **Sl. No.** | **Semester** | **Course Code** | **Course Title** | **Credits** |
| 1 | 2 | PC24CA5201 | Design and Analysis of Algorithm using Java | 4 |
| 2 | | PC24CA5202 | Computer Network & Security | 3 |
| 3 | | PC24CA5231/ PC24CA5232/ PC24CA5233/ PC24CA5234 | **Specialization – 1** | 3 |
| 4 | | PC24CA5207 | Python Programming | 3 |
| 5 | | PC24CA5208 | Python Programming Lab | 2 |
| 6 | | PC24CA5209 | Database Management System | 3 |
| 7 | | PC24CA5210 | Database Management System Lab | 2 |
| 8 | | P24TS01 | Technical Skills | 2 |
| 9 | | P24PT02 | Placement Training | 2 |
| 10 | | P24AS03 | Athletics, Sports, Yoga, Gymnasium | 1 |
| 11 | | P24CC04 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 1 |
| **Total** | | | | **26** |
| **Break** | | | | |

| Sl. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 3 | PC24CA6301 | Software Engineering and Project Management | 3 |
| 2 | | PC24CA6302 | Research Methodology and IPR | 3 |
| 3 | | PC24CA6303 | Digital Image processing | 3 |
| 4 | | PC24CA6304 | Digital Image processing Lab | 2 |
| 5 | | PC24CA6331/ PC24CA6332/ PC24CA6333/ PC24CA6334 | **Specialization – 2** | 3 |
| 6 | | PC24CA6309 | Web Technology | 3 |
| 7 | | PC24CA6310 | Web Technology Lab | 2 |
| 8 | | P24TS01 | Technical Skills | 2 |
| 9 | | P24PT02 | Placement Training | 2 |
| 10 | | P24AS03 | Athletics, Sports, Yoga, Gymnasium | 1 |
| 11 | | P24CC04 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 1 |
| **Total** | | | | **25** |

| Break | | | | |
|---|---|---|---|---|
| **Sl. No.** | **Semester** | **Course Code** | **Course Title** | **Credits** |
| 1 | 4 | PC24CA6401 | Internship | 8 |
| 2 | | PC24CA6402 | Dissertation | 7 |
| 3 | | PC24CA6403 | Research Paper Publication | 7 |
| **Total** | | | | **22** |

List of **Specialization – 1** Offered

1. Artificial Intelligence and Machine Learning
2. Artificial Neural Network
3. Big Data Analytics
4. Data Science

List of **Specialization – 2** Offered

1. Full stack Development
2. Advanced Java Programming
3. Cyber Security
4. Cloud Computing

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| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |

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| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. Semester End Examination-50% weight<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 50% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 50% in each component.**<br>**4.** End of each module –grade card will be issued |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 80 credits, for the award of MCA Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 8 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |

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| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |

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| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

# BCA - AI and Data Analytics

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Computing and IT (FCIT) |
| **School** | School of Computer Application (SCA) |
| **Program** | BCA-AI and Data Analytics |
| **Dean of Faculty** | Dr. Shweta Marigoudar |
| **Director of School** | Ms. Shamina M.Attar |

| | | |
|---|---|---|
| 1 | **Title of the Award** | BCA-AI and Data Analytics |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Computing and IT (FCIT) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview:** BCA in AI and Data Analytics<br>The BCA in AI and Data Analytics is a cutting-edge program designed to equip students with the skills and knowledge necessary to harness the power of artificial intelligence and data analytics. Spanning three to four years, this interdisciplinary program integrates principles from computer science, machine learning, statistics, and data science. Students engage in a comprehensive curriculum covering foundational concepts such as programming, algorithm design, statistical analysis, and machine learning algorithms.<br>The program places a strong emphasis on practical applications, allowing students to work on real-world projects and gain hands-on experience with large datasets. Core courses delve into topics such as data mining, natural language processing, and predictive modelling, ensuring graduates are well-versed in the latest technologies and methodologies. Proficiency in programming languages like Python and R is a key focus, enabling students to implement and optimize AI and data analytics solutions. | |

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| | Upon completion, graduates are prepared for diverse roles in industries where data-driven decision-making and artificial intelligence are paramount. The program aims to produce professionals who not only excel in technical skills but also possess a deep understanding of the ethical considerations and societal implications of AI and data analytics. |
| 15 | **Program Educational Objectives (PEOs) for Bachelor's Program in AI and Data Analytics:**<br>1. **Proficient Data Analysis and AI Application:**<br>• Graduates will demonstrate proficiency in collecting, cleaning, and analyzing diverse datasets, applying statistical and machine learning techniques to derive actionable insights and implement AI solutions.<br>2. **Effective Problem Solvers and Innovators:**<br>• Graduates will excel in problem-solving and critical thinking, applying logical reasoning and innovative approaches to address complex challenges in the fields of AI and data analytics.<br>3. **Ethical AI Practitioners with Effective Communication Skills:**<br>• Alumni will possess strong ethical foundations, applying responsible AI practices and demonstrating awareness of ethical considerations. They will communicate technical concepts clearly to diverse audiences, fostering collaboration and ensuring responsible use of AI and data analytics technologies. |
| 16 | **Program Outcomes (POs) for Bachelor's Program in AI and Data Analytics:**<br>1. **Data Analysis Proficiency:**<br>• *Outcome:* Graduates will demonstrate advanced proficiency in collecting, cleaning, and analyzing diverse datasets using statistical and machine learning methods to derive meaningful insights.<br>2. **Machine Learning Application Competence:**<br>• *Outcome:* Graduates will apply a range of machine learning algorithms to address real-world problems, showcasing competence in supervised and unsupervised learning techniques.<br>3. **Effective Data Visualization and Communication:**<br>• *Outcome:* Graduates will communicate complex technical findings effectively through clear data visualizations, reports, and presentations, catering to both technical and non-technical stakeholders.<br>4. **Programming and Algorithmic Skills:**<br>• *Outcome:* Graduates will exhibit advanced programming skills and algorithmic competence, optimizing AI and data analytics solutions using contemporary languages and methodologies.<br>5. **Big Data Handling and Technologies:**<br>• *Outcome:* Graduates will apply principles of distributed computing and utilize big data Technologies, demonstrating proficiency in handling large-scale datasets common in AI and data analytics scenarios.<br>6. **Ethical AI Practices:**<br>• *Outcome:* Graduates will uphold ethical standards in AI practices, demonstrating awareness of legal and ethical implications related to AI and data analytics technologies. |

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| | **7. Innovative Problem Solvers:**<br>• *Outcome:* Graduates will showcase innovative problem-solving skills, applying logical reasoning and creative approaches to address novel challenges in AI and data analytics.<br>**8. Industry-Relevant Project Experience:**<br>• *Outcome:* Graduates will apply theoretical knowledge in practical settings through hands-on projects, ensuring they are well-prepared for the demands of the professional landscape in AI and data analytics. |
| 17 | **Program Specific Outcomes (PSOs) for Bachelor's Program in AI and Data Analytics:**<br>**1. Advanced AI Implementation Proficiency:**<br>*PSO:* Graduates will demonstrate advanced proficiency in implementing artificial intelligence solutions, applying a diverse range of algorithms and models to address complex challenges in real- world scenarios.<br>**2. Specialized Data Analytics Competence:**<br>*PSO:* Graduates will exhibit specialized skills in data analytics, including advanced techniques in statistical analysis, data mining, and predictive modelling to derive actionable insights from diverse datasets.<br>**3. Effective Design and Evaluation of AI Systems:**<br>*PSO:* Alumni will possess the ability to design and evaluate artificial intelligence systems, showcasing competence in system architecture, algorithm selection, and performance evaluation to ensure effective AI solutions. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honors Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Siri-1<br>Katha Saritha | **02** |
| 2 | UL24FHE12 | Insight-1 | **02** |
| 3 | UC24AI1104 | C Programming | **03** |
| 4 | UC24AI1105 | C Programming Lab | **02** |
| 5 | UC24AI1106 | Computer Fundamental | **03** |
| 6 | UC24AI1107 | Computer Fundamental Lab | **02** |
| 7 | UC24AI1108 | Mathematical Foundation | **03** |
| 8 | UM24BC1142 | OEC-1 | **03** |
| 9 | UC24HGT11 | Technical Skills | 00 |
| 10 | UC24HGL12 | Life Skills | 00 |
| 11 | UC24HGE13 | Innovation and Entrepreneurial Skills | 00 |
| 12 | UC24HGV14 | Environmental Awareness and Community Services | 00 |
| 13 | UC24HGA15 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | UC24HGC16 | Cultural & Literary Activities | 00 |
| 15 | UC24HGR17 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | UC24HGP18 | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-2 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK21<br>UL24FHH23 | Kannada Siri-2<br>Katha Sourabha | **02** |
| 2 | UL24FHE22 | Insight– 2 | **02** |
| 3 | UC24AI1204 | Programming Fundamental using C++ | **03** |
| 4 | UC24AI1205 | C++ Lab | **02** |
| 5 | UC24AI1206 | Data Structures using C++ | **03** |
| 6 | UC24AI1207 | Data Structures Lab | **02** |
| 7 | UM24BC1241 | OEC-2 | **03** |
| 8 | UC24HGT21 | Technical Skills | 02 |
| 9 | UC24HGL22 | Life Skills | 00 |
| 10 | UC24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 11 | UC24HGV24 | Environmental Awareness and Community Services | 01 |
| 12 | UC24HGA25 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 13 | UC24HGC26 | Cultural & Literary Activities | 00 |
| 14 | UC24HGR27 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15 | UC24HGP28 | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-3 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24AI2301 | Programming in JAVA | **03** |
| 2 | UC24AI2302 | Programming in JAVA Lab | **02** |
| 3 | UC24AI2303 | Data Base System Concepts | **03** |
| 4 | UC24AI2304 | Data Base System Lab | **02** |
| 5 | UC24AI2305 | Fuzzy Logic and Neural Network | **03** |
| 6 | UC24AI2306 | Introduction to IOT | **03** |
| 7 | UM24BC2341 | OEC-3 | **03** |
| 8 | UC24HGT31 | Technical Skills | 02 |
| 9 | UC24HGL32 | Life Skills | 00 |
| 10 | UC24HGE33 | Innovation and Entrepreneurial Skills | 01 |
| 11 | UC24HGV34 | Environmental Awareness and Community Services | 00 |
| 12 | UC24HGA35 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | UC24HGC36 | Cultural & Literary Activities | 00 |
| 14 | UC24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 01 |
| 15 | UC24HGP38 | Placement Training | 00 |
| | | | |
| **Total** | | | **23** |

| Semester-4 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24AI2401 | Introduction to AI | **03** |
| 2 | UC24AI2402 | Representations of AI Lab | **02** |
| 3 | UC24AI2403 | Python Programming | **03** |
| 4 | UC24AI2404 | Python Programming Lab | **02** |
| 5 | UC24AI2405 | Fundamentals of Machine Learning | **03** |
| 6 | UC24AI2406 | Software Engineering | **03** |
| 7 | UC24HGT41 | Technical Skills | 02 |
| 8 | UC24HGL42 | Life Skills | 02 |
| 9 | UC24HGE43 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UC24HGV44 | Environmental Awareness and Community Services | 01 |
| 11 | UC24HGA45 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UC24HGC46 | Cultural & Literary Activities | 01 |
| 13 | UC24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 00 |
| 14 | UC24HGP48 | Placement Training | 01 |
| | | | |
| **Total** | | | **23** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24AI3501 | Big Data Analytics | **03** |
| 2 | UC24AI3502 | Big Data Analytics Lab | **02** |
| 3 | UC24AI3503 | Data Visualization | **03** |
| 4 | UC24AI3504 | Data Visualization Lab | **02** |
| 5 | UC24AI3505 | Design and analysis of Algorithm with Integrated Lab | **04** |
| 6 | UC24AI3506 | Embedded Systems | **03** |
| 7 | UC24HGT51 | Technical Skills | 02 |
| 8 | UC24HGL52 | Life Skills | 01 |
| 9 | UC24HGE53 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UC24HGV54 | Environmental Awareness and Community Services | 00 |
| 11 | UC24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | UC24HGC56 | Cultural & Literary Activities | 00 |
| 13 | UC24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 01 |
| 14 | UC24HGP58 | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-6 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24AI3601 | Artificial Neural Network | **03** |
| 2 | UC24AI3602 | Deep Learning | **03** |
| 3 | UC24AI3603 | Project Work | **05** |
| 4 | UC24HGT61 | Technical Skills | 02 |
| 5 | UC24HGL62 | Life Skills | 01 |
| 6 | UC24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 7 | UC24HGV64 | Environmental Awareness and Community Services | 00 |
| 8 | UC24HGA65 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 9 | UC24HGC66 | Cultural & Literary Activities | 00 |
| 10 | UC24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | UC24HGP68 | Placement Training | 01 |
| | | | |
| **Total** | | | **18** |

| Semester-7 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24AI4701 | Research Methodology and IPR | **03** |
| 2 | UC24AI4702 | Research Paper - 1 | **03** |
| 3 | UC24AI4703 | Internship | **08** |
| 4 | UC24HGT71 | Technical Skills | 00 |
| 5 | UC24HGL72 | Life Skills | 00 |
| 6 | UC24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| 7 | UC24HGV74 | Environmental Awareness and Community Services | 00 |
| 8 | UC24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | UC24HGC76 | Cultural & Literary Activities | 00 |
| 10 | UC24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 00 |
| 11 | UC24HGP78 | Placement Training | 00 |
| | | **Total** | **14** |

| Semester-8 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24AI4801 | Industrial Excursion | **03** |
| 2 | UC24AI4802 | Research Paper - 2 | **03** |
| 3 | UC24AI4803 | Dissertation | **10** |
| 4 | UC24HGT81 | Technical Skills | 00 |
| 5 | UC24HGL82 | Life Skills | 00 |
| 6 | UC24HGE83 | Innovation and Entrepreneurial Skills | 00 |
| 7 | UC24HGV84 | Environmental Awareness and Community Services | 00 |
| 8 | UC24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | UC24HGC86 | Cultural &S Literary Activities | 00 |
| 10 | UC24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/TechnicalCompetition) | 01 |
| 11 | UC24HGP88 | Placement Training | 00 |
| | | | |
| | | **Total** | **16** |

List of **Open Elective Courses** Offered:

1. **Semester – 1:** Fundamentals of Computers
2. **Semester – 2:** Digital Fluency
3. **Semester – 3:** Internet Security

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of Attendance shortage is as per the Academic Regulations of BCA Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81- 90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester grade card will be issued with SGPA displayed |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honors degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any Course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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# BCA - Data Science

## PROGRAM DETAILS

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|---|---|
| **Faculty** | Computing and IT (FCIT) |
| **School** | School of Computer Application (SCA) |
| **Program** | BCA-Data Science |
| **Dean of Faculty** | Dr. Shweta Marigoudar |
| **Director of School** | Ms. Shamina M. Attar |

| | | |
|---|---|---|
| 1 | **Title of the Award** | BCA-Data Science |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Computing and IT (FCIT) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview: Bachelors in Data Science**<br><br>The Bachelor's in Data Science is a dynamic and interdisciplinary program designed to equip students with the skills and knowledge necessary for navigating the evolving landscape of data-driven decision-making. Spanning three to four years, this program integrates principles from computer science, statistics, and domain-specific applications.<br><br>Students engage in core areas such as data analysis, machine learning, programming, and the ethical considerations of data practices. Emphasis is placed on hands-on experience, with students participating in real-world projects and internships that allow them to apply theoretical knowledge to practical scenarios.<br><br>The curriculum covers a broad range of subjects, including advanced statistical techniques, machine learning algorithms, big data technologies, and data visualization. Students will develop programming proficiency in languages like Python and R, ensuring they can implement and optimize data science solutions effectively. The program also includes a focus on database management, enabling students to efficiently store and retrieve | |

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| | data.<br>A strong ethical foundation is embedded within the program, emphasizing responsible data practices and compliance with privacy regulations.<br>Upon completion, graduates will be well-prepared to pursue careers as data scientists, analysts, or machine learning engineers, contributing meaningfully to industries where data-driven insights are vital. The program aims to produce professionals who excel not only in technical skills but also in understanding the ethical implications and real-world applications of data science. |
| 15 | **Program Educational Objectives (PEOs) for BCA-Data Science Program:**<br>**1. Advanced Data Analysis Proficiency:**<br>Graduates of the program will demonstrate advanced proficiency in data analysis, showcasing the ability to employ sophisticated statistical and computational methods to extract meaningful insights from diverse and complex datasets.<br>**2. Effective Communication of Technical Insights and Collaborative Teamwork:**<br>Graduates will possess effective communication skills to convey complex technical insights clearly to diverse audiences and excel in collaborative team environments.<br>**3. Effective Communication of Technical Insights and Collaborative Teamwork:**<br>Graduates will possess effective communication skills to convey complex technical insights clearly to diverse audiences and excel in collaborative team environments. |
| 16 | **Program Outcomes for Bachelor's Program in Data Science:**<br>**1. Proficient Data Analysis:**<br>• Outcome: Graduates will demonstrate proficiency in collecting, cleaning, and analyzing diverse datasets, applying statistical and computational methods to extract meaningful insights.<br>**2. Advanced Machine Learning Applications:**<br>• Outcome: Graduates will apply machine learning algorithms for predictive modelling, showcasing competence in supervised and unsupervised learning techniques.<br>**3. Effective Data Visualization:**<br>• Outcome: Graduates will communicate complex technical findings through clear data visualizations, reports, and presentations, ensuring effective dissemination of insights.<br>**4. Programming and Algorithmic Skills:**<br>• Outcome: Graduates will exhibit advanced programming skills and algorithmic competence, optimizing data science solutions using contemporary languages and methodologies.<br>**5. Database Management Proficiency:**<br>• Outcome: Graduates will possess specialized skills in designing, implementing, and optimizing databases, ensuring efficient data storage and retrieval.<br>**6. Big Data Handling and Technologies:**<br>• Outcome: Graduates will apply principles of distributed computing and utilize big data technologies, demonstrating proficiency in handling large-scale datasets. |

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| | **7. Ethical Data Practices and Privacy Compliance:**<br>• Outcome: Graduates will uphold ethical standards in data science practices, demonstrating awareness of legal and ethical implications related to data privacy.<br>**8. Real-world Application through Project-Based Learning:**<br>• Outcome: Graduates will apply theoretical knowledge to practical settings, successfully completing industry-relevant projects and collaborating with industry partners on data science challenges. |
| 17 | **Program Specific Outcomes (PSOs) for Bachelor's Program in Data Science:**<br>1. Advanced Data Analysis Competence:<br>• *Outcome:* Graduates will demonstrate advanced proficiency in employing sophisticated statistical and computational methods to extract meaningful insights from diverse datasets, showcasing expertise in feature engineering and predictive modelling.<br>2. Programming and Algorithmic Excellence:<br>• *Outcome:* Graduates will exhibit advanced programming skills and algorithmic competence, enabling them to implement and optimize data science solutions using contemporary languages, design patterns, and debugging techniques.<br>3. Effective Communication through Data Visualization:<br>• *Outcome:* Graduates will possess strong communication skills, effectively conveying complex technical insights through clear data visualizations, reports, and presentations, catering to both technical and non-technical stakeholders. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 100 + 30= 130**

| Semester-1 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Siri-1<br>Katha Saritha | **02** |
| 2 | UL24FHE12 | Insight-1 | **02** |
| 3 | UC24DS1104 | C Programming | **03** |
| 4 | UC24DS1105 | C Programming Lab | **02** |
| 5 | UC24DS1106 | Computer Fundamental | **03** |
| 6 | UC24DS1107 | Computer Fundamental Lab | **02** |
| 7 | UC24DS1108 | Mathematical Foundation | **03** |
| 8 | UM24BC1142 | OEC-1 | **03** |
| 9 | UC24HGT11 | Technical Skills | 00 |
| 10 | UC24HGL12 | Life Skills | 00 |
| 11 | UC24HGE13 | Innovation and Entrepreneurial Skills | 00 |
| 12 | UC24HGV14 | Environmental Awareness and Community Services | 00 |
| 13 | UC24HGA15 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | UC24HGC16 | Cultural & Literary Activities | 00 |
| 15 | UC24HGR17 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | UC24HGP18 | Placement Training | 00 |
| | | | |
| | | **Total** | **21** |

| Semester-2 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK21<br>UL24FHH23 | Kannada Siri-2<br>Katha Sourabha | **02** |
| 2 | UL24FHE22 | Insight– 2 | **02** |
| 3 | UC24DS1204 | Programming Fundamental using C++ | **03** |
| 4 | UC24DS1205 | C++ Lab | **02** |
| 5 | UC24DS1206 | Data Structures using C++ | **03** |
| 6 | UC24DS1207 | Data Structures Lab | **02** |
| 7 | UM24BC1241 | OEC-2 | **03** |
| 8 | UC24HGT21 | Technical Skills | 02 |
| 9 | UC24HGL22 | Life Skills | 00 |
| 10 | UC24HGE23 | Innovation and Entrepreneurial Skills | 00 |
| 11 | UC24HGV24 | Environmental Awareness and Community Services | 01 |
| 12 | UC24HGA25 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 13 | UC24HGC26 | Cultural & Literary Activities | 00 |
| 14 | UC24HGR27 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15 | UC24HGP28 | Placement Training | 00 |
| | | | |
| | | **Total** | **21** |

| Semester-3 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24DS2301 | Fundamentals of Data Science | **03** |
| 2 | UC24DS2302 | Object Oriented Programming Using Java | **03** |
| 3 | UC24DS2303 | Java Lab | **02** |
| 4 | UC24DS2304 | Cloud Computing | **03** |
| 5 | UC24DS2305 | Designing of Algorithm | **03** |
| 6 | UC24DS2306 | Designing of Algorithm Lab | **02** |
| 7 | UM24BC2341 | OEC-3 | **03** |
| 8 | UC24HGT31 | Technical Skills | 02 |
| 9 | UC24HGL32 | Life Skills | 00 |
| 10 | UC24HGE33 | Innovation and Entrepreneurial Skills | 01 |
| 11 | UC24HGV34 | Environmental Awareness and Community Services | 00 |
| 12 | UC24HGA35 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | UC24HGC36 | Cultural & Literary Activities | 00 |
| 14 | UC24HGR37 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 15 | UC24HGP38 | Placement Training | 00 |
| | | **Total** | **23** |

| Semester-4 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24DS2401 | Database Management System | **03** |
| 2 | UC24DS2402 | Database Management System Lab | **02** |
| 3 | UC24DS2403 | Python Programming | **03** |
| 4 | UC24DS2404 | Python Programming Lab | **02** |
| 5 | UC24DS2405 | Cyber Ethics | **03** |
| 6 | UC24DS2406 | Internet of Things | **03** |
| 7 | UC24HGT41 | Technical Skills | 02 |
| 8 | UC24HGL42 | Life Skills | 02 |
| 9 | UC24HGE43 | Innovation and Entrepreneurial Skills | 00 |
| 10 | UC24HGV44 | Environmental Awareness and Community Services | 01 |
| 11 | UC24HGA45 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | UC24HGC46 | Cultural & Literary Activities | 01 |
| 13 | UC24HGR47 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | UC24HGP48 | Placement Training | 01 |
| | | | |
| | | **Total** | **23** |

| Semester-5 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24DS3501 | R Programming and Statistical Skills | **03** |
| 2 | UC24DS3502 | R Programming Lab | **02** |
| 3 | UC24DS3503 | Data Visualization | **03** |
| 4 | UC24DS3504 | Data Visualization Lab using Power Bi and Tableau | **02** |
| 5 | UC24DS3505 | Data Mining | **03** |
| 6 | UC24DS3506 | Software Engineering | **03** |
| 7 | UC24HGT51 | Technical Skills | 02 |
| 8 | UC24HGL52 | Life Skills | 01 |
| 9 | UC24HGE53 | Innovation and Entrepreneurial Skills | 01 |
| 10 | UC24HGV54 | Environmental Awareness and Community Services | 00 |
| 11 | UC24HGA55 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | UC24HGC56 | Cultural & Literary Activities | 00 |
| 13 | UC24HGR57 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 14 | UC24HGP58 | Placement Training | 01 |
| | | | |
| | | **Total** | **23** |

| Semester-6 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24DS3601 | Big Data Analytics | **03** |
| 2 | UC24DS3602 | Web Development using PHP-MySQL | **03** |
| 3 | UC24DS3603 | Project Work | **06** |
| 5 | UC24HGT61 | Technical Skills | 02 |
| 4 | UC24HGL62 | Life Skills | 01 |
| 6 | UC24HGE63 | Innovation and Entrepreneurial Skills | 01 |
| 7 | UC24HGV64 | Environmental Awareness and Community Services | 00 |
| 8 | UC24HGA65 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 9 | UC24HGC66 | Cultural & Literary Activities | 00 |
| 10 | UC24HGR67 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | UC24HGP68 | Placement Training | 01 |
| | | | |
| | | **Total** | **19** |

| Semester-7 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24DS4701 | Research Methodology and IPR | **03** |
| 2 | UC24DS4702 | Research Paper - 1 | **03** |
| 3 | UC24DS4703 | Internship | **08** |
| 4 | UC24HGT71 | Technical Skills | 00 |
| 5 | UC24HGL72 | Life Skills | 00 |
| 6 | UC24HGE73 | Innovation and Entrepreneurial Skills | 00 |
| 7 | UC24HGV74 | Environmental Awareness and Community Services | 00 |
| 8 | UC24HGA75 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | UC24HGC76 | Cultural & Literary Activities | 00 |
| 10 | UC24HGR77 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | UC24HGP78 | Placement Training | 00 |
| | | | |
| | | **Total** | **14** |

| Semester-8 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC24DS4801 | Industrial Excursion | **03** |
| 2 | UC24DS4802 | Research Paper - 2 | **03** |
| 3 | UC24DS4803 | Dissertation | **10** |
| 4 | UC24HGT81 | Technical Skills | 00 |
| 5 | UC24HGL82 | Life Skills | 00 |
| 6 | UC24HGE83 | Innovation and Entrepreneurial Skills | 00 |
| 7 | UC24HGV84 | Environmental Awareness and Community Services | 00 |
| 8 | UC24HGA85 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | UC24HGC86 | Cultural & Literary Activities | 00 |
| 10 | UC24HGR87 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | UC24HGP88 | Placement Training | 00 |
| | | | |
| | | **Total** | **16** |

List of **Open Elective Courses** Offered:

1. **Semester – 1:** Fundamentals of Computers
2. **Semester – 2:** Digital Fluency
3. **Semester – 3:** Internet Security

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of BCA Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester grade card will be issued with SGPA displayed |
| 23 | **Award of Degree** |

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| | Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honors degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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# BCA - Cyber Security

## PROGRAM DETAILS

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|---|---|
| **Faculty** | Computing and IT (FCIT) |
| **School** | School of Computer Applications (SCA) |
| **Program** | BCA-Cyber Security |
| **Dean of Faculty** | Dr. Shweta Marigoudar |
| **Director of School** | Ms. Shamina M Attar |

| | | |
|---|---|---|
| 1 | **Title of the Award** | BCA- Cyber Security |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | Faculty of Computing and IT (FCIT) |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview: Bachelors in Cyber Security**<br><br>The Bachelor's in Cyber Security program is an in-depth and forward-thinking curriculum designed to equip students with a robust foundation in cyber security principles and practices. Spanning three to four years, the program encompasses a broad spectrum of subjects, including network security, cryptography, secure software development, and ethical hacking. Students will engage in hands-on learning through real-world projects, fostering critical problem-solving skills and proficiency in programming languages such as Python, C++, and Java.<br><br>The curriculum is designed to address the rapidly evolving challenges of the cyber security field, incorporating advanced topics such as cloud security, incident response, digital forensics, and artificial | |

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| | intelligence-driven threat detection. Students will explore the legal, ethical, and social implications of cyber security, ensuring a well-rounded understanding of data privacy, compliance regulations, and responsible technology use.<br><br>In addition to technical expertise, the program emphasizes practical application through industry-relevant projects, internships, and collaborations with professionals in the cyber security domain. Students will develop effective communication and teamwork skills, essential for coordinating security strategies in diverse environments. By integrating theoretical knowledge with hands-on experience, the program prepares graduates to tackle emerging cyber threats in both private and public sectors.<br><br>Upon completion, graduates will be equipped for roles such as cyber security analyst, penetration tester, security consultant, and incident response specialist. They will be well-prepared to protect critical infrastructure, safeguard sensitive data, and address the growing demand for skilled cyber security professionals across various industries. |

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| 15 | **Program Educational Objectives (PEOs) for BCA- Cyber Security Program:**<br>**1. Technical Proficiency and Innovation:**<br>*Objective:* Graduates will demonstrate advanced technical proficiency in cyber security, including in-depth knowledge of cryptography, network security, secure software development, and incident response. They will continuously innovate and adapt to the evolving cyber security landscape by integrating emerging Technologies like artificial intelligence, block chain, and cloud security.<br>**2. Problem-Solving and Critical Thinking:**<br>*Objective:* Graduates will be skilled in critical thinking and problem-solving, enabling them to identify, analyze, and mitigate cyber threats. They will use advanced techniques, tools, and methodologies to address both current and future cyber security challenges, remaining agile in the face of constantly evolving threats.<br>**3. Ethical Hacking and Professional Responsibility:**<br>*Objective:* Graduates will uphold high ethical standards and understand the legal and social responsibilities of cyber security professionals. They will apply ethical hacking techniques to safeguard systems and networks while complying with industry regulations and best practices.<br>**4. Effective Communication and Collaboration:**<br>*Objective:* Graduates will develop strong communication skills to articulate complex cyber security issues to diverse audiences, including stakeholders, executives, and technical teams. They will collaborate effectively in cross-functional teams to design and implement secure systems and respond to cyber incidents. |

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| | **5. Lifelong Learning and Adaptability:**<br>*Objective:* Graduates will recognize the importance of continuous learning to stay current with cyber security trends, emerging technologies, and evolving threats. They will demonstrate adaptability in acquiring new skills and knowledge to remain relevant in the rapidly changing cyber security domain. |
| 16 | **Program Outcomes for Bachelor's Program in Cyber Security:**<br>1. **Proficient Data Analysis:**<br>• *Outcome:* Graduates will demonstrate proficiency in collecting, cleaning, and analyzing diverse datasets, applying statistical and computational methods to extract meaningful insights.<br>2. **Advanced Machine Learning Applications:**<br>• *Outcome:* Graduates will apply machine learning algorithms for predictive modeling, showcasing competence in supervised and unsupervised learning techniques.<br>3. **Effective Data Visualization:**<br>• *Outcome:* Graduates will communicate complex technical findings through clear data visualizations, reports, and presentations, ensuring effective dissemination of insights.<br>4. **Programming and Algorithmic Skills:**<br>• *Outcome:* Graduates will exhibit advanced programming skills and algorithmic competence, optimizing data science solutions using contemporary languages and methodologies.<br>5. **Database Management Proficiency:**<br>• *Outcome:* Graduates will possess specialized skills in designing, implementing, and optimizing databases, ensuring efficient data storage and retrieval.<br>6. **Big Data Handling and Technologies:**<br>• *Outcome:* Graduates will apply principles of distributed computing and utilize big data technologies, demonstrating proficiency in handling large-scale datasets.<br>7. **Ethical Data Practices and Privacy Compliance:**<br>• *Outcome:* Graduates will uphold ethical standards in data science practices, demonstrating awareness of legal and ethical implications related to data privacy.<br>8. **Real-world Application through Project-Based Learning:**<br>• *Outcome:* Graduates will apply theoretical knowledge to practical settings, successfully completing industry-relevant projects and collaborating with industry partners on data sciencechallenges. |

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| 17 | **Program Specific Outcomes (PSOs) for Bachelor's Program in Cyber Security:**<br><br>**1. Expertise in Cyber Threat Detection and Response:**<br>*Outcome:* Graduates will possess advanced skills in identifying, analyzing, and mitigating cyber threats, using state-of-the-art tools and techniques to safeguard systems and respond effectively to security incidents.<br><br>**2. Secure Software Development and Vulnerability Mitigation:**<br>*Outcome:* Graduates will demonstrate proficiency in secure coding practices, designing and developing software solutions that are resilient to cyber-attacks by integrating robust security measures throughout the software development lifecycle.<br><br>**3. Compliance with Cyber security Regulations and Data Privacy:**<br>*Outcome:* Graduates will ensure that security practices comply with national and international cyber security laws and data privacy standards, applying industry frameworks such as GDPR, HIPAA, and ISO to protect sensitive information. |

**Programme Structure**

**A. Definition of Credit:**

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130+30=160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honors Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL25FHK11<br>UL25FHH13 | Kannada Siri-1<br>Katha Saritha | **02** |
| 2 | UL25FHE12 | Insight-1 | **02** |
| 3 | UC25CY1104 | C Programming | **03** |
| 4 | UC25CY1105 | C Programming Lab | **02** |
| 5 | UC25CY1106 | Computer Fundamental | **03** |
| 6 | UC25CY1107 | Computer Fundamental Lab | **02** |
| 7 | UC25CY1108 | Mathematical Foundation | **03** |
| 8 | UM25BC1142 | OEC-1 | **03** |
| 9 | U25TS01 | Technical Skills | 00 |
| 10 | U25LS02 | Life Skills | 00 |
| 11 | U25ES03 | Innovation and Entrepreneurial Skills | 00 |
| 12 | U25VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U25AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | U25CL06 | Cultural & Literary Activities | 00 |
| 15 | U25CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | U25PT08 | Placement Training | 00 |
| | | | |
| | | **Total** | **21** |

| Semester-2 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL25FHK21<br>UL25FHH23 | Kannada Siri-2<br>Katha Sourabha | **02** |
| 2 | UL25FHE22 | Insight– 2 | **02** |
| 3 | UC25CY1204 | Object Oriented Programming Using Java | **03** |
| 4 | UC25CY1205 | Java Lab | **02** |
| 5 | UC25CY1206 | Data Structures using C | **03** |
| 6 | UC25CY1207 | Data Structures using C Lab | **02** |
| 7 | UM24BC1241 | OEC-2 | **03** |
| 8 | U25TS01 | Technical Skills | 02 |
| 9 | U25LS02 | Life Skills | 00 |
| 10 | U25ES03 | Innovation and Entrepreneurial Skills | 00 |
| 11 | U25VS04 | Environmental Awareness and Community Services | 01 |
| 12 | U25AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 13 | U25CL06 | Cultural & Literary Activities | 00 |
| 14 | U25CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15 | U25PT08 | Placement Training | 00 |
| | | | |
| | | **Total** | **21** |

| Semester-3 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC25CY2301 | Python Programming | **03** |
| 2 | UC25CY2302 | Python Programming Lab | **02** |
| 3 | UC25CY2303 | Web Technology | **03** |
| 4 | UC25CY2304 | Web Technology Lab | **02** |
| 5 | UC25CY2305 | Fundamentals of Cyber Security | **03** |
| 6 | UC25CY2306 | Cloud Computing and Security | **03** |
| 7 | UM25BC2341 | OEC-3 | **03** |
| 8 | U25TS01 | Technical Skills | 02 |
| 9 | U25LS02 | Life Skills | 00 |
| 10 | U25ES03 | Innovation and Entrepreneurial Skills | 01 |
| 11 | U25VS04 | Environmental Awareness and Community Services | 00 |
| 12 | U25AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | U25CL06 | Cultural & Literary Activities | 00 |
| 14 | U25CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 15 | U25PT08 | Placement Training | 00 |
| | | **Total** | **23** |

| Semester-4 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC25CY2401 | Database Management System | **03** |
| 2 | UC25CY2402 | Database Management System Lab | **02** |
| 3 | UC25CY2403 | Unix and Shell Programming | **03** |
| 4 | UC25CY2404 | Unix and Shell programming Lab | **02** |
| 5 | UC25CY2405 | International Cyber Law and Security | **03** |
| 6 | UC25CY2406 | IOT Security | **03** |
| 7 | U25TS01 | Technical Skills | 02 |
| 8 | U25LS02 | Life Skills | 02 |
| 9 | U25ES03 | Innovation and Entrepreneurial Skills | 00 |
| 10 | U25VS04 | Environmental Awareness and Community Services | 01 |
| 11 | U25AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 12 | U25CL06 | Cultural & Literary Activities | 01 |
| 13 | U25CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U25PT08 | Placement Training | 01 |
| | | | |
| | | **Total** | **23** |

| Semester-5 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC25CY3501 | Computer Networks and Security | **03** |
| 2 | UC25CY3502 | Computer Networks and Security Lab | **02** |
| 3 | UC25CY3503 | Ethical Hacking | **03** |
| 4 | UC25CY3504 | Ethical Hacking Lab | **02** |
| 5 | UC25CY3505 | Digital Forensics | **03** |
| 6 | UC25CY3506 | Software Engineering | **03** |
| 7 | U25TS01 | Technical Skills | 02 |
| 8 | U25LS02 | Life Skills | 01 |
| 9 | U25ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10 | U25VS04 | Environmental Awareness and Community Services | 00 |
| 11 | U25AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | U25CL06 | Cultural & Literary Activities | 00 |
| 13 | U25CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 14 | U25PT08 | Placement Training | 01 |
| | | | |
| | | **Total** | **23** |

| Semester-6 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC25CY3601 | Artificial Intelligence for Cyber Security | **03** |
| 2 | UC25CY3602 | Cyber Security Attacks | **03** |
| 3 | UC25CY3603 | Capstone Project | **06** |
| 5 | U25TS01 | Technical Skills | 02 |
| 4 | U25LS02 | Life Skills | 01 |
| 6 | U25ES03 | Innovation and Entrepreneurial Skills | 01 |
| 7 | U25VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U25AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 9 | U25CL06 | Cultural & Literary Activities | 00 |
| 10 | U25CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 11 | U25PT08 | Placement Training | 01 |
| | | | |
| | | **Total** | **19** |

| Semester-7 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC25CY4701 | Research Methodology and IPR | **03** |
| 2 | UC25CY4702 | Research Paper – 1 | **03** |
| 3 | UC25CY4703 | Dissertation | **08** |
| 4 | U25TS01 | Technical Skills | 00 |
| 5 | U25LS02 | Life Skills | 00 |
| 6 | U25ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U25VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U25AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U25CL06 | Cultural & Literary Activities | 00 |
| 10 | U25CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U25PT08 | Placement Training | 00 |
| | | | |
| | | **Total** | **14** |

| Semester-8 | | | |
|---|---|---|---|
| **Sl. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UC25CY4801 | Industrial Excursion | **03** |
| 2 | UC25CY4802 | Research Paper - 2 | **03** |
| 3 | UC25CY4803 | Internship | **10** |
| 4 | U25TS01 | Technical Skills | 00 |
| 5 | U25LS02 | Life Skills | 00 |
| 6 | U25ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U25VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U25AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U25CL06 | Cultural & Literary Activities | 00 |
| 10 | U25CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U25PT08 | Placement Training | 00 |
| | | | |
| | | **Total** | **16** |

List of **Open Elective Courses** Offered:

1. **Semester – 1:** Fundamentals of Computers
2. **Semester – 2:** Digital Fluency
3. **Semester – 3:** Internet Security

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of BCA Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree** |

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| | Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honors degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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**MSc- Artificial Intelligence and Data Analytics**

**PROGRAM DETAILS**

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| **Faculty** | Computing and IT (FCIT) |
| **School** | School of Computer Applications (SCA) |
| **Program** | MSc- AI and Data Analytics |
| **Dean of Faculty** | Mrs. Shweta Marigoudar |
| **Director of School** | Ms. Shamina Attar |

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| 1 | **Title of the Award** | MSc-AI and Data Analytics |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FCIT<br>GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview- MSc AI and Data Analytics**<br>The Master of Science in Artificial Intelligence and Data Analytics is a cutting-edge program designed to empower students with advanced skills in two rapidly evolving fields—AI and data analytics. The curriculum integrates foundational principles of artificial intelligence, machine learning, and statistical analysis, providing a comprehensive understanding of the theoretical and practical aspects of these disciplines. Students will engage in rigorous coursework covering topics such as neural networks, natural language processing, and predictive modelling, equipping them with the expertise to solve complex problems across diverse industries.<br>The program places a strong emphasis on hands-on learning, enabling students to apply AI and data | |

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| | analytics techniques to real-world challenges through projects and case studies. In addition to technical proficiency, the curriculum addresses the ethical considerations surrounding AI and data analytics, emphasizing responsible practices and the societal impact of technology. Students will gainpractical experience in utilizing cutting-edge tools and technologies, including big data frameworks and cloud computing platforms.<br>Collaboration and interdisciplinary learning are fostered through group projects, allowing students to work together to address multifaceted problems. Faculty members, often experts in the field, guide students in navigating the dynamic landscape of AI and data analytics. The program also incorporates industry partnerships, providing opportunities for internships and exposure to the latest advancements in the field. Graduates of this program emerge with a versatile skill set, prepared to drive innovation and make data-driven decisions in the rapidly evolving landscape of AI and data analytics. |
| 15 | **Program Educational Objectives (PEOs) for MSc- AI and Data Analytics:**<br>1. **Advanced Technical Proficiency:**<br>Graduates of the Master of Science program in AI and Data Analytics will demonstrate advanced technical proficiency, including a deep understanding of artificial intelligence algorithms, machine learning models, and data analytics techniques. They will be capable of developing innovative solutions to complex problems in diverse domains.<br>2. **Effective Application of AI and Data Analytics:**<br>The program aims to equip graduates with the ability to apply AI and data analytics methodologies effectively to real-world scenarios. This includes the application of advanced techniques in areas such as natural language processing, computer vision, and predictive modelling, enabling graduates to contribute meaningfully to industry challenges.<br>3. **Ethical and Responsible AI Practices:**<br>Graduates will exhibit a commitment to ethical and responsible AI practices. This involves understanding and addressing the ethical implications of AI and data analytics, ensuring privacy, transparency, and fairness in their applications. Graduates will be prepared to navigate the societal impact of AI technologies responsibly. |
| 16 | **Program Outcomes for MSc-AI and Data Analytics:**<br>1. **Algorithmic Expertise:**<br>Graduates will demonstrate a high level of proficiency in designing, implementing, and optimizing algorithms related to artificial intelligence and data analytics, showing competence in developing novel solutions for complex problems.<br>2. **Machine Learning Mastery:**<br>Graduates will exhibit expertise in machine learning, showcasing the ability to select and apply appropriate algorithms for supervised and unsupervised learning, reinforcement learning, and deep learning across various domains. |

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| | 3. **Data-Driven Decision-Making:**<br>Graduates will be capable of leveraging data analytics to make informed decisions, demonstrating proficiency in data preprocessing, exploratory data analysis, and the development of predictive models to extract actionable insights.<br>4. **Advanced Statistical Analysis:**<br>Graduates will have a strong foundation in statistical methods, enabling them to conduct rigorous statistical analyses and interpret results accurately in the context of AI and data analytics applications.<br>5. **Interdisciplinary Collaboration:**<br>Graduates will be adept at collaborating with professionals from diverse disciplines, effectively communicating complex technical concepts to non-experts and contributing to multidisciplinary teams working on AI and data analytics projects.<br>6. **Ethical AI Practices:**<br>Graduates will demonstrate a commitment to ethical considerations in AI and data analytics, understanding the societal impact of their work and implementing responsible practices to ensure fairness, transparency, and privacy.<br>7. **Big Data Technologies Proficiency:**<br>Graduates will showcase proficiency in utilizing big data technologies, including distributed computing frameworks and cloud platforms, to process and analyse large-scale datasets efficiently.<br>8. **Innovation and Research Contribution:**<br>Graduates will be prepared to contribute to the advancement of AI and data analytics through innovative research and development, demonstrating the ability to stay abreast of emerging technologies and make meaningful contributions to the field. |
| 17 | **Program Specific Outcomes (PSOs) for MSc-AI and Data Analytics:**<br>1. **Developing Advanced AI Models:**<br>The program aims to enable students to design and develop advanced artificial intelligence models, including deep learning architectures, reinforcement learning algorithms, and ensemble methods, equipping them with the skills to address complex challenges in AI applications.<br>2. **Integration of AI and Domain Expertise:**<br>Students will work towards a program-specific objective of integrating AI methodologies with domain-specific knowledge. This involves understanding the unique requirements of diverse industries and applying AI and data analytics techniques in a way that aligns with the specific needs and nuances of those sectors. |

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| | **3. Real-time Analytics Implementation:**<br>The program focuses on preparing students to implement AI and data analytics solutions in real-time scenarios. This includes hands-on experience with streaming data, dynamic datasets,and the deployment of models in production environments, ensuring graduates are proficient in creating practical, scalable, and efficient. |

**18. Credit Requirements**

- To complete a postgraduate program- M. Sc., a student is required to earn 80 credits
- Those students who successfully complete only course work (40 Credits) Postgraduate Diploma is awarded
- The credit distribution for M.Sc. Program:

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| Course Work – 14 X 3 Credits = | 42 Credits |
| Course Work Lab – 5 X 2 Credits = | 10 Credits |
| Research Work – 2 X 6 Credits = | 12 Credits |
| Project Work = | 08 Credits |
| Internship = | 08 Credits |
| **Total** | **80 Credits** |

**19. Programme Structure**

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 1 | PC24AI5101 | Mathematical Foundation for Computer Science | 3 |
| 2 | | PC24AI5102 | Computer Network | 3 |
| 3 | | PC24AI5103 | Artificial Intelligence and Neural Networks | 3 |
| 4 | | PC24AI5104 | AI Programming with Python | 3 |
| 5 | | PC24AI5105 | AI Programming with Python Lab | 2 |
| 6 | | PC24AI5106 | Database with NOSQL | 3 |
| 7 | | PC24AI5107 | Database with NOSQL Lab | 2 |
| **Total** | | | | **19** |
| Break | | | | |
| **S. No.** | **Semester** | **Course Code** | **Course Title** | **Credits** |
| 1 | 2 | PC24AI5201 | Research Methodology and IPR | 3 |
| 2 | | PC24AI5202 | Machine Learning Algorithms | 3 |
| 3 | | PC24AI5203/ PC24AI5204/ PC24AI5205 | **Elective - I** | 3 |
| 4 | | PC24AI5206 | R Programming and Statical Modelling | 3 |
| 5 | | PC24AI5207 | R Programming and Statical Modelling Lab | 2 |
| 6 | | PC24AI5208 | Advanced Algorithms and Analysis | 3 |
| 7 | | PC24AI5209 | Advanced Algorithms and Analysis Lab | 2 |
| **Total** | | | | **19** |
| Break | | | | |

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 3 | PC24AI6301 | Data Analytics Tools | 3 |
| 2 | | PC24AI6302/ PC24AI6303/ PC24AI6304 | **Elective - II** | 3 |
| 3 | | PC24AI6305 | Digital Image Processing | 3 |
| 4 | | PC24AI6306 | Digital Image Processing using MATLAB | 2 |
| 5 | | PC24AI6307 | Artificial Intelligence in Cloud Computing | 3 |
| 6 | | PC24AI6308 | Internship | 8 |
| **Total** | | | | **22** |
| Break | | | | |
| **S. No.** | **Semester** | **Course Code** | **Course Title** | **Credits** |
| 1 | 4 | PC24AI6401 | Research Paper Review | 6 |
| 2 | | PC24AI6402 | Dissertation | 8 |
| 3 | | PC24AI6403 | Research Paper Publication | 6 |
| **Total** | | | | **20** |

List of **Elective – I** Offered:

1. Business Intelligence
2. Cloud Computing
3. Data Security and Privacy

**Elective – II** Offered:

1. Artificial Intelligence Ethics
2. Big Data
3. Data Visualization

**Suggested Courses**

1. **Foundations of Artificial Intelligence:** Covering the fundamental concepts of AI, this course provides an overview of machine learning algorithms, natural language processing, and computer vision, establishing the groundwork for more advanced topics.
2. **Machine Learning and Deep Learning:** This course delves into supervised and unsupervised learning techniques, neural networks, and deep learning architectures, providing in-depthknowledge

of the algorithms essential for building intelligent systems.

3. **Data Mining and Knowledge Discovery:** Focused on techniques for extracting patterns and knowledge from large datasets, this course explores data pre processing, feature selection, and various data mining algorithms.
4. **Big Data Technologies:** Providing an understanding of big data technologies such as Apache Hadoop and Spark, this course prepares students to handle and analyze massive datasets efficiently, a crucial skill in AI and data analytics.
5. **Natural Language Processing (NLP):** This course explores methods for understanding and processing human language, covering topics like sentiment analysis, text summarization, and language translation using NLP techniques.
6. **Computer Vision:** A specialized course focusing on image and video analysis, object recognition, and visual pattern recognition, essential for applications such as facial recognition and autonomous vehicles.
7. **Predictive Analytics and Time Series Analysis:** This course addresses predictive modelling and time series analysis, providing skills to forecast trends, understand temporal patterns, and make informed decisions based on historical data.
8. **Ethics in AI and Data Analytics:** This course examines the ethical considerations surrounding AI and data analytics, addressing issues related to bias, privacy, and responsible AI practices.
9. **Cloud Computing for AI:** Covering the integration of AI and cloud computing, this course explores the deployment of AI models on cloud platforms, enabling scalable and accessible solutions.
10. **Capstone Project in AI and Data Analytics:** A culminating project where students independently apply their knowledge to solve a significant problem, integrating skills acquired throughout the program and showcasing their readiness for real-world applications.

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| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |

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| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. End of Module Examination-50% weight<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 40% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>**4.** End of each module –grade card will be issued |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 80 credits, for the award of MSc. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 8 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |

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| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**M.Sc- Cyber Security**

**PROGRAM DETAILS**

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|---|---|
| **Faculty** | Computing and IT (FCIT) |
| **School** | School of Computer Applications (SCA) |
| **Program** | MSc- Cyber Security |
| **Dean of Faculty** | Mrs. Shweta Marigoudar |
| **Director of School** | Ms. Shamina Attar |

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| 1 | **Title of the Award** | MSc- Cyber Security |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview- MSc-Cyber Security**<br>The Master of Science program specializing in Cybersecurity is designed to equip students with advanced knowledge and skills to address the evolving challenges in the realm of digital security. This comprehensive program encompasses a multidisciplinary approach, integrating principles of computer science, cryptography, risk management, and ethical hacking. Students will engage in a rigorous curriculum covering topics such as network security, threat detection and response, and the legal and ethical aspects of cybersecurity.<br>Emphasizing hands-on experience, the program enables students to develop practical skills in securing systems and networks through simulated exercises and real-world scenarios. The curriculum | |

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| | is continually updated to reflect the latest threats and technologies in the rapidly evolving field of cyber security, ensuring graduates are well-prepared to tackle emerging challenges.<br>Collaborative learning is fostered through group projects, encouraging students to work together to develop and implement effective cyber security strategies. Faculty members, often seasoned professionals in the field, guide students in applying theoretical knowledge to practical scenarios. The program also incorporates industry partnerships and internship opportunities, providing students with exposure to the latest tools and methodologies used in the cybersecurity landscape.<br>Upon completion of the program, graduates emerge with a deep understanding of cybersecurity principles, ethical hacking techniques, and risk management strategies, positioning them as adept professionals ready to safeguard digital assets and contribute to the ongoing efforts in securing information systems. |
| 15 | **Program Educational Objectives (PEOs) for MSc- Cyber Security:**<br>1. **Advanced Cybersecurity Expertise:**<br>Graduates of the Master of Science program specializing in Cybersecurity will possess advanced expertise in the field, demonstrated through a deep understanding of cybersecurity principles, methodologies, and the ability to implement effective security measures to protect information systems.<br>2. **Innovation and Adaptability:**<br>The program aims to foster graduates' ability to innovate and adapt to evolving cybersecurity threats. Graduates will be equipped to stay abreast of emerging technologies, vulnerabilities, and attack vectors, enabling them to proactively address and mitigate cyber threats in diverse and dynamic environments.<br>3. **Ethical and Responsible Cybersecurity Practices:**<br>Graduates will exhibit a commitment to ethical and responsible cybersecurity practices. This involves understanding the legal and ethical considerations of cybersecurity, adhering to professional codes of conduct, and promoting cybersecurity measures that align with broader ethical standards and societal expectations. |
| 16 | **Program Outcomes for MSc-Cyber Security:**<br>1. **Cybersecurity Fundamentals:**<br>Graduates will demonstrate a comprehensive understanding of the fundamental principles of cybersecurity, including knowledge of encryption, access controls, and security protocols.<br>2. **Threat Detection and Incident Response:**<br>Graduates will be proficient in identifying and responding to cybersecurity threats, demonstrating the ability to detect and mitigate security incidents promptly and effectively. |

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| | 3. **Secure Network Design and Management:**<br>Graduates will possess expertise in designing and managing secure network architectures, ensuring the confidentiality, integrity, and availability of digital assets within organizational networks.<br>4. **Ethical Hacking and Penetration Testing:** Graduates will be skilled in ethical hacking and penetration testing, conducting thorough assessments of system vulnerabilities to proactively identify and address potential security risks.<br>5. **Security Policy Development and Compliance:** Graduates will have the ability to develop and implement security policies and practices that comply with industry standards, legal regulations, and organizational requirements.<br>6. **Risk Management and Cybersecurity Governance:** Graduates will demonstrate proficiency in assessing and managing cybersecurity risks, understanding the governance structures that support effective cybersecurity practices within organizations.<br>7. **Cybersecurity Research and Innovation:** Graduates will engage in research activities, contributing to the advancement of cybersecurity knowledge and innovative solutions to emerging threats and challenges in the field.<br>8. **Effective Communication in Cybersecurity:** Graduates will be able to communicate complex cybersecurity concepts clearly and effectively to both technical and non-technical stakeholders, facilitating informed decision-making and collaboration within organizations. |
| 17 | **Program Specific Outcomes (PSOs) for MSc-Cyber Security:**<br>1. **Advanced Threat Hunting and Forensics:**<br>Program-specific outcomes include the ability of graduates to conduct advanced threat hunting and forensic analysis, demonstrating expertise in identifying and investigating sophisticated cyber threats to support incident response and digital forensics.<br>2. **Security Architecture Design and Evaluation:**<br>Graduates will showcase program-specific outcomes related to designing and evaluating security architectures, demonstrating the capacity to develop robust and scalable security frameworks tailored to organizational needs and evolving threat landscapes.<br>3. **Red Team Operations and Simulation:**<br>Program-specific outcomes will encompass graduates' proficiency in executing red team operations and simulations. This involves the application of offensive security techniques to assess and enhance an organization's defensive capabilities, ensuring graduates are adept at simulating real-world cyber-attack scenarios. |

**18. Credit Requirements**

- To complete a Postgraduate Program- M. Sc., a student is required to earn 80 credits
- Those students who successfully complete only course work (40 Credits) Postgraduate Diploma is awarded
- The credit distribution for M.Sc. Program:

| | |
|---|---|
| Course Work – 14 X 3 Credits = | 42 Credits |
| Course Work Lab – 5 X 2 Credits = | 10 Credits |
| Research Work – 2 X 6 Credits = | 12 Credits |
| Project Work = | 08 Credits |
| Internship = | 08 Credits |
| **Total** | **80 Credits** |

**19. Programme Structure**

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 1 | PC24CY5101 | Introduction to Cyber Security | 3 |
| 2 | | PC24CY5102 | Cyber Law and Indian IT Act | 3 |
| 3 | | PC24CY5103 | CloudComputing and Security | 3 |
| 4 | | PC24CY5104 | Computer Network and Internet Security | 3 |
| 5 | | PC24CY5105 | Computer Network and Internet Security Lab | 2 |
| 6 | | PC24CY5106 | Python Programming for Cyber Security | 3 |
| 7 | | PC24CY5107 | Python Programming for Cyber Security Lab | 2 |
| | | | | |
| **Total** | | | | **19** |
| **Break** | | | | |
| **S. No.** | **Semester** | **Course Code** | **Course Title** | **Credits** |
| 1 | 2 | PC24CY5201 | Internet of Things and DigitalForensic | 3 |
| 2 | | PC24CY5202 | Research Methodology and IPR | 3 |
| 3 | | PC24CY5203/ PC24CY5204 | **Elective - I** | 3 |
| 4 | | PC24CY5205 | Ethical Hacking | 3 |
| 5 | | PC24CY5206 | Ethical Hacking Lab | 2 |
| 6 | | PC24CY5207 | Database Management System | 3 |
| 7 | | PC24CY5208 | Database Management System Lab | 2 |
| | | | | |
| **Total** | | | | **19** |
| **Break** | | | | |

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 3 | PC24CY6301 | Cryptography in Blockchain Integrated Lab | 4 |
| 2 | | PC24CY6302 | Software Testing and Quality Assurance | 3 |
| 3 | | PC24CY6303/ PC24CY6304 | **Elective - II** | 3 |
| 4 | | PC24CY6305 | R Programming with Data Analysis | 3 |
| 5 | | PC24CY6306 | R Programming with Data Analysis Lab | 2 |
| 6 | | PC24CY6307 | Internship | 7 |
| | | | | |
| **Total** | | | | **22** |

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 4 | PC24CY6401 | Research Paper Review | 6 |
| 2 | | PC24CY6402 | Dissertation | 8 |
| 3 | | PC24CY6403 | Research Paper Publication | 6 |
| | | | | |
| **Total** | | | | **20** |

List of **Elective – I** Offered:

1. Cyber Threat and Modelling
2. Security Policy and Audit

List of **Elective – II** Offered:

1. Artificial Intelligence for Cyber Security
2. Knowledge Engineering and Expert System

**Suggested Courses**

1. **Cybersecurity Fundamentals:**

   Covering foundational concepts, this course provides an overview of cybersecurity principles, terminology, and basic techniques, setting the groundwork for more advanced topics.

2. **Network Security:**

   Focused on securing network infrastructures, this course explores topics such as firewalls, intrusion detection systems, VPNs, and secure protocols to safeguard communication channels.

3. **Security Architecture and Design:**

   This course delves into designing secure systems and architectures, addressing principles of defense-in-depth, secure coding practices, and the integration of security controls.

4. **Ethical Hacking and Penetration Testing:**

   Providing hands-on experience, this course teaches ethical hacking techniques and penetration testing methodologies, enabling students to identify and remediate vulnerabilities in systems.

5. **Digital Forensics:**

   Covering investigative techniques for analyzing and recovering digital evidence, this course prepares students for roles in incident response and cybercrime investigation.

6. **Cloud Security:**

   With a focus on securing cloud environments, this course addresses the unique challenges and solutions associated with cloud computing security, including identity management and data protection.

7. **Cryptography and Cryptanalysis:**

   This course explores cryptographic algorithms, protocols, and their applications in securing data and communication, as well as the techniques for analyzing and breaking cryptographic systems.

8. **Security Policy and Compliance:**

   Covering the development and implementation of security policies, this course addresses compliance with regulatory frameworks, standards, and best practices in cybersecurity governance.

9. **Wireless and Mobile Security:**

   Examining security challenges in wireless and mobile environments, this course covers topics such as mobile device management, secure coding for mobile apps, and wireless network security.

10. **Risk Management in Cybersecurity:**

    Focused on assessing and mitigating cybersecurity risks, this course addresses risk analysis, risk management frameworks, and the development of effective risk management strategies within organizations.

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| | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. End of Module Examination-50% weight<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 40% is required for completion of a course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>**4.** End of each semester –grade card will be issued |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 80 credits, for the award of M.Sc. Degree**<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 8 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |

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| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**M.Sc- Data Science**

**PROGRAM DETAILS**

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| **Faculty** | Computing and IT (FCIT) |
| **School** | School of Computer Applications (SCA) |
| **Program** | MSc- Data Science |
| **Dean of Faculty** | Mrs. Shweta Marigoudar |
| **Director of School** | Ms. Shamina Attar |

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| 1 | **Title of the Award** | MSc-Data Science |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FCIT<br>GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview- M.Sc Data Science**<br>The Master of Science program specializing in Data Science is designed to equip students with advanced knowledge and skills in extracting valuable insights from vast data sets. This comprehensive program integrates foundational concepts in statistics, computer science, and domain-specific expertise to address the evolving challenges of the data-driven era. Students will engage in a rigorous curriculum covering topics such as machine learning, data visualization, and big data technologies.<br>The program emphasizes hands-on experience through practical projects, fostering a deep understanding of data manipulation, analysis, and interpretation. Advanced statistical techniques and | |

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| | algorithms are explored to empower graduates to solve complex problems and make informed decisions in various industries. The curriculum is continually updated to reflect the latest trends and technologies in the rapidly evolving field of data science.<br>Collaborative learning is encouraged through team projects, promoting effective communication and teamwork skills crucial for success in real-world data science projects. Faculty members, often industry experts, guide students in applying theoretical knowledge to practical scenarios. The program also integrates internship opportunities, enabling students to gain valuable industry experience and build professional networks.<br>Throughout the program, students are exposed to real-world datasets, challenging them to develop creative solutions to authentic problems. Graduates emerge with a versatile skill set, ready to tackle diverse data challenges and contribute meaningfully to the growing demand for data-driven decision-making across industries. The Master of Science in Data Science program aims to produce professionals who are not only proficient in data analysis but also capable of driving innovation in the era of big data. |
| 15 | **Program Educational Objectives (PEOs) for MSc- Data Science:**<br>1. **Advanced Analytical Proficiency:**<br>Graduates of the Master of Science program specializing in Data Science will possess advanced analytical proficiency, demonstrated through the ability to apply sophisticated statistical and machine learning techniques to extract meaningful insights from complex datasets. This includes proficiency in data preprocessing, feature engineering, model selection,and evaluation, ensuring graduates are well-equipped to address diverse challenges in the field.<br>2. **Effective Communication and Collaboration:**<br>The program aims to cultivate effective communication and collaboration skills in graduates, enabling them to convey complex data-driven findings to both technical and non-technical stakeholders. Graduates will be adept at translating technical insights into actionable recommendations, fostering collaboration between data science teams and decision-makers across various domains. This skill set ensures that graduates can play a pivotal role in driving organizational change through data-driven decision-making.<br>3. **Ethical Data Practices and Continuous Learning:**<br>Graduates will be instilled with a commitment to ethical data practices, understanding the implications of their analyses on privacy, security, and societal well-being. The program emphasizes the importance of staying abreast of evolving technologies and methodologies in data science. Graduates will demonstrate a commitment to continuous learning, adapting to emerging trends and technologies, and exhibiting a proactive approach to professional development in the dynamic field of data science. |

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| 16 | **Program Outcomes for M.Sc-Data Science:**<br>1. **Data Acquisition and Cleaning:**<br>Graduates will demonstrate the ability to collect, preprocess, and clean diverse datasets from various sources, ensuring the reliability and integrity of data for analysis.<br>2. **Statistical and Machine Learning Expertise:**<br>Graduates will showcase proficiency in applying advanced statistical methods and machine learning algorithms to extract meaningful patterns, trends, and predictions from large and complex datasets.<br>3. **Data Visualization and Interpretation:**<br>Graduates will be capable of creating effective data visualizations and communicating insights clearly to both technical and non-technical stakeholders, facilitating informed decision-making.<br>4. **Big Data Technologies:**<br>Graduates will have a solid understanding of big data technologies and tools, demonstrating the ability to work with large-scale datasets and leverage distributed computing frameworks for efficient data processing.<br>5. **Real-world Problem Solving:**<br>Graduates will apply data science methodologies to real-world problems, demonstrating critical thinking and creativity in designing solutions that address practical challenges in diverse domains.<br>6. **Team Collaboration and Project Management:**<br>Graduates will exhibit effective collaboration and project management skills by working in multidisciplinary teams on data science projects, showcasing the ability to meet deadlines and deliver high-quality results.<br>7. **Ethical and Responsible Data Practices:**<br>Graduates will adhere to ethical standards in data collection, analysis, and interpretation considering the societal implications of their work and promoting responsible data practices within organizations.<br>8. **Continuous Learning and Professional Development:**<br>Graduates will engage in lifelong learning, keeping pace with advancements in data science and related technologies. They will actively seek professional development opportunities and contribute to the advancement of the field through continuous self-improvement. |
| 17 | **Program Specific Outcomes (PSOs) for MSc-Data Science:**<br>1. **Algorithmic Innovation:**<br>Students in the Master of Science program specializing in Data Science will engage in specific objectives related to algorithmic innovation. This includes the development of novel |

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| | algorithms for data analysis, exploration of cutting-edge machine learning techniques, andthe ability to adapt existing algorithms to address emerging challenges in the field.<br>2. **Domain-Specific Application:**<br>The program aims to equip students with the capability to apply data science methodologies to specific domains. This involves tailoring data analysis techniques to industry-specific problems, understanding the unique challenges within various sectors, and demonstrating expertise in utilizing data science for informed decision-making within those contexts.<br>3. **Implementation of Scalable Solutions:**<br>Students will be tasked with specific objectives related to implementing scalable data solutions. This includes leveraging big data technologies, distributed computing frameworks, and cloud platforms to design and deploy data science solutions capable of handling large volumes of data efficiently and effectively. Students will gain hands-on experience in optimizing algorithms and workflows for scalability. |

**18. Credit Requirements**

- To complete a postgraduate program- M. Sc., a student is required to earn 80 credits
- Those students who successfully complete only course work (40 Credits) Postgraduate Diploma is awarded
- The credit distribution for M.Sc. Program:

| | |
|---|---|
| Course Work – 14 X 3 Credits = | 42 Credits |
| Course Work Lab – 5 X 2 Credits = | 10 Credits |
| Research Work – 2 X 6 Credits = | 12 Credits |
| Project Work = | 08 Credits |
| Internship = | 08 Credits |
| **Total** | **80 Credits** |

**19. Programme Structure**

| S. No. | Semester | Course Code | Course Title | Credits |
|---|---|---|---|---|
| 1 | 1 | PC24DS5101 | Fundamental of Data Science | 03 |
| 2 | | PC24DS5102 | Mathematical Foundation for Computer Science | 03 |
| 3 | | PC24DS5103 | Machine Learning | 03 |
| 4 | | PC24DS5104 | Database Management System | 03 |
| 5 | | PC24DS5105 | Database Management System Lab | 02 |
| 6 | | PC24DS5106 | Machine Learning with Python Programming | 03 |
| 7 | | PC24DS5107 | Machine Learning with Python Programming Lab | 02 |
| **Total** | | | | **19** |
| Break | | | | |
| **S. No.** | **Semester** | **Course Code** | **Course Title** | **Credits** |
| 1 | 2 | PC24DS5201 | Research Methodology and IPR | 03 |
| 2 | | PC24DS5202 | Advanced Algorithm and Analysis | 03 |
| 3 | | PC24DS5203/ PC24DS5204/ PC24DS5205 | **Elective - I** | 03 |
| 4 | | PC24DS5206 | Advanced Bigdata Analysis | 03 |
| 5 | | PC24DS5207 | Advanced Bigdata Analysis Lab | 02 |
| 6 | | PC24DS5208 | Data Science in Image Processing | 03 |
| 7 | | PC24DS5209 | Data Science in Image Processing Lab | 02 |
| **Total** | | | | **19** |
| Break | | | | |
| **S. No.** | **Semester** | **Course Code** | **Course Title** | **Credits** |
| 1 | 3 | PC24DS6301 | Data Mining and Warehouse | 03 |
| 2 | | PC24DS6302 | Deep Learning | 03 |
| 3 | | PC24DS6303/ PC24DS6304/ PC24DS6305 | **Elective – II** | 03 |
| 4 | | PC24DS6306 | R Programming with Statical Foundation | 03 |
| 5 | | PC24DS6307 | R Programming with Statical Foundation Lab | 02 |

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| 6 | | PC24DS6308 | Internship | 08 |
| **Total** | | | | **22** |
| **S. No.** | **Semester** | **Course Code** | **Course Title** | **Credits** |
| 1 | **4** | PC24DS6401 | Research Paper Review | 6 |
| 2 | | PC24DS6402 | Dissertation | 8 |
| 3 | | PC24DS6403 | Research Paper Publication | 6 |
| **Total** | | | | **20** |

List of **Elective – I** Offered:

1. Introduction to Geospatial Technology
2. Natural Language Processing
3. Cyber Security

List of **Elective – II** Offered:

1. Data Visualization
2. Hadoop Programming
3. Cloud Computing

**Suggested Courses**

1. **Foundations of Data Science:** Covering fundamental concepts in statistics, programming, and data manipulation, this course provides a solid base for understanding the core principles of data science.
2. **Machine Learning and Predictive Analytics:** Focused on various machine learning algorithms, this course explores supervised and unsupervised learning techniques for predictive modelling and pattern recognition.
3. **Big Data Technologies:** Providing an in-depth understanding of big data technologies such as Hadoop and Spark, this course prepares students to handle and analyze massive datasets efficiently.
4. **Data Visualization and Communication:** This course emphasizes the principles of effective data visualization and communication, teaching students how to convey insights to diverse audiences using visualizations and storytelling techniques.
5. **Statistical Methods for Data Science:** A comprehensive course covering advanced statistical methods essential for making robust inferences and decisions based on data analysis.
6. **Natural Language Processing (NLP):** Focusing on techniques for understanding and processing human language, this course is crucial for students interested in applications like text mining, sentiment analysis, and language generation.
7. **Deep Learning and Neural Networks:** Exploring advanced neural network architectures and deep learning techniques, this course delves into applications such as image recognition, natural language processing, and speech recognition.
8. **Data Ethics and Privacy:** Addressing the ethical considerations surrounding data collection, analysis, and storage, this course emphasizes responsible data practices and the legal aspects of data

privacy.

9. **Applied Data Science in Industry:** Providing hands-on experience, this course involves real-world projects in collaboration with industry partners, allowing students to apply their skills to solve practical data science problems.

10. **Capstone Project in Data Science:** The capstone project is a culminating experience wherestudents independently apply their knowledge and skills to address a significant data science challenge, demonstrating their proficiency and readiness for the field.)

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| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential for each module. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. End of Module Examination-50% weight<br>4. End of each module –grade card will be issued<br>2. If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the module and earn the required credits<br>• **A minimum of overall 40% is required for completion of a Module by acquiring minimum grade (pass) with a minimum of 40% in each component.** |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 80 credits, for the award of M.Sc., Degree**<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 8 semester and completing the program within the specified period of 2 years (4 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**Program Document: FBAS:**

## B.Sc., - Bachelor of Science

## (Major- Biotechnology and Tissue Engineering)

## (Minor: Computer Science/Biochemistry/Zoology)

### PROGRAM DETAILS

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|---|---|
| **Faculty** | Basic and Applied Sciences (FBAS) |
| **School** | School of Applied Sciences (SAS) |
| **Program** | BSc (Major- Biotechnology and Tissue Engineering) |
| **Dean of Faculty** | Dr. Santhosh B. M. |
| **Director of School** | Dr. Gurumurthy H |

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| 1 | **Title of the Award** | B.Sc., (Major- Biotechnology and Tissue Engineering) |
| 2 | **Modes of Study** | Full –Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | November – 2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

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| 14 | **Program Overview**<br>The Bachelor's program in science with a major in Biotechnology and Tissue Engineering provides a comprehensive and applied education that integrates principles of biology, chemistry, engineering to understand and enhance the quality, safety, and sustainability of Biotechnology products. This program is designed to equip students with a strong foundation in the scientific and technological aspects of Biotechnology processing and innovation. Course provide students with a strong foundation in the biological sciences, chemistry, and biotechnology techniques. Students engage in hands-on laboratory work, gaining practical skills in Train students in modern laboratory skills and analytical techniques relevant to biotechnology research. Equip students with the ability to apply biotechnological innovations in fields like agriculture, medicine, environmental conservation, and industry.<br><br>Specialized electives allow students to explore areas such as Genetic engineering, Bioinformatics, forensics, Tissue Engineering, product development, GMP regulations, and Environmental studies. Internships and industry collaborations provide real-world experience, enabling students to apply their knowledge to address challenges in product formation and meet industry standards.<br><br>The program also focuses on sustainability, ethical considerations, and the impact of Biotechnology on health and the environment. Graduates are well-prepared for diverse roles in Biotechnology research and development, quality control, regulatory affairs, and various sectors of the Biotechnology industry. The Bachelor's program in Science with a major in Biotechnology aims to produce graduates who contribute to the creation of safe and sustainable biotechnology products in response to global demands and challenges. | |
| 15 | **Program Educational Objectives (PEOs):**<br>**1.** Mastery of Biotechnology Principles<br><br>Graduates will develop a solid foundation in core biotechnology principles, including molecular biology, genetics, biochemistry, and microbiology, enabling them to pursue advanced education or professional careers in biotechnology and related fields.<br><br>**2.** Practical and Research Competence<br><br>Graduates will be equipped with practical laboratory skills and research experience. They will be capable of conducting experiments, analyzing data, and applying biotechnological tools and | |

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| | techniques in real-world scenarios.<br><br>3: Interdisciplinary Approach<br><br>Graduates will possess the ability to integrate knowledge from various disciplines such as biology, chemistry, bioinformatics, and environmental sciences, preparing them to solve complex problems in diverse biotechnology applications like healthcare, agriculture, industry, and environment.<br><br>4. Ethical and Social Responsibility<br><br>Graduates will demonstrate ethical awareness and a sense of social responsibility by adhering to the ethical standards in biotechnology research and applications, considering the societal, environmental, and legal implications of their work.<br><br>**5.** Lifelong Learning and Innovation<br><br>Graduates will be committed to lifelong learning and innovation, staying updated with emerging trends in biotechnology, and pursuing opportunities for personal and professional growth through higher studies, research, or entrepreneurship.<br><br>6. Effective Communication and Teamwork<br><br>Graduates will be effective communicators, capable of presenting complex biotechnological concepts clearly and working collaboratively in multi-disciplinary teams to address scientific challenges and develop sustainable biotechnological solutions.<br><br>7. Contribution to Biotechnology Industry<br><br>Graduates will be prepared to enter the biotechnology workforce and contribute to various sectors, including healthcare, pharmaceuticals, agriculture, and environmental biotechnology, by applying their skills to improve products, processes, and services in these industries. |
| 16 | PO 1: Knowledge of Biotechnology<br><br>Graduates will acquire comprehensive knowledge in fundamental and applied biotechnology, including molecular biology, genetics, microbiology, biochemistry, and bioinformatics, and their applications in industry, healthcare, agriculture, and environmental sectors.<br><br>PO 2: Problem Solving and Analytical Skills<br><br>Graduates will develop critical thinking and problem-solving skills, enabling them to design and execute experiments, analyze data, and interpret results to address complex problems in biotechnology. |

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| | PO 3: Laboratory and Research Skills<br><br>Graduates will gain proficiency in using modern laboratory techniques and tools such as PCR, gel electrophoresis, chromatography, and bioinformatics software, making them capable of conducting independent and collaborative research in biotechnology.<br><br>PO 4: Application of Knowledge<br>Graduates will be able to apply biotechnological principles and methodologies to real-world situations in areas such as genetic engineering, industrial biotechnology, medical biotechnology, and environmental conservation.<br><br>PO 5: Communication Skills<br>Graduates will develop effective communication skills to articulate scientific ideas, research findings, and biotechnological concepts through oral presentations, written reports, and publications.<br><br>PO 6: Teamwork and Collaboration<br>Graduates will learn to function effectively as members of interdisciplinary teams in laboratory settings and biotechnology projects, fostering teamwork, leadership, and collaborative problem-solving abilities.<br><br>PO 7: Ethical Practices and Social Responsibility<br>Graduates will recognize the ethical, legal, and social implications of biotechnology research and applications, and demonstrate responsible conduct in their professional practices, ensuring adherence to biosafety, bioethics, and regulatory guidelines.<br><br>PO 8: Lifelong Learning<br>Graduates will embrace lifelong learning by continually updating their knowledge and skills to keep pace with emerging technologies and advancements in biotechnology, preparing them for diverse career opportunities and higher studies.<br><br>PO 9: Environmental and Sustainable Solutions<br>Graduates will understand the role of biotechnology in addressing environmental challenges such as pollution control, waste management, and sustainability, and will be able to develop biotechnological solutions for a greener and more sustainable future.<br><br>PO 10: Innovation and Entrepreneurship<br>Graduates will be encouraged to think innovatively and develop entrepreneurial skills, enabling them to create and promote biotech products, services, or start their own ventures in sectors like healthcare, agriculture, or industrial biotechnology.<br><br>PO 11: Bioinformatics and Computational Skills<br>Graduates will possess knowledge of bioinformatics tools and computational techniques to analyse biological data, interpret genomics, proteomics, and molecular data, and contribute to cutting-edge research in biotechnology. |

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|---|---|
| | PO 12: Multidisciplinary Knowledge<br>Graduates will integrate their understanding of various scientific disciplines such as biology, chemistry, physics, and computational sciences to address challenges in biotechnology and explore its multidisciplinary applications. |
| 17 | **Program Specific Outcomes (PSOs):**<br><br>PSO 1: Mastery of Biotechnology Techniques<br>• Graduates will demonstrate the ability to apply fundamental and advanced techniques of biotechnology such as DNA/RNA extraction, Polymerase Chain Reaction (PCR), recombinant DNA technology, gene cloning, protein purification, and tissue culture, along with maintaining proper biosafety and quality standards in laboratory settings.<br><br>PSO 2: Integration of Molecular Biology and Genetic Engineering<br>• Graduates will be proficient in understanding and applying molecular biology concepts in genetic engineering, gene editing technologies like CRISPR, and other methods of manipulating genetic material to develop genetically modified organisms (GMOs), improved crops, or therapeutic proteins.<br><br>PSO 3: Application in Tissue engineering and Environmental Biotechnology<br>• Graduates will be capable of employing biotechnological tools to address Tissue engineering and environmental challenges, including bioremediation, wastewater treatment, and bioenergy production, contributing to sustainable environmental solutions. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program – Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **100+30=130** |

**3-year degree program: 100+30= 130 Credits**
**4-year Honors degree program: 130+30= 160 Credits**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24BT1101<br>UB24BT1102 | Kannada Shravana-I (Kannada)<br>Katha Saritha (Hindi) | 02 |
| 2 | UB24BT1103 | Insight-I (English) | 02 |
| 3 | UB24BT1104 | Fundamentals of Cell Biology | 03 |
| 4 | UB24BT1105 | Biomolecules | 03 |
| 5 | UB24BT1106 | Bioinstrumentation | 03 |
| 6 | UB24BT1107 | Fundamentals of Cell Biology Lab1 | 02 |
| 7 | UB24BT1108 | Biomolecules Lab -2 | 02 |
| 8 | UB24BT1109<br>UB24BT1110<br>UB24BT1111 | **Minor Course – Select Any one**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 9 | U24TS01 | Technical Skills | 0 |
| 10 | U24LS02 | Life Skills | 0 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 16 | U24PT08 | Placement Training | 0 |
| **Total** | | | **21** |

| Semester-2 | | | |
|---|---|---|---|
| **S.No** | **Course Code** | **Course Title** | **Credits** |
| **1.** | UB24BT1201 | Kannada Shravana-II (Kannada)<br>Katha Sourabha (Hindi) | 02 |
| 2. | UB24BT1202 | Insight-II (English) | 02 |
| 3. | UB24BT1203 | Microbiology | 03 |
| 4. | UB24BT1204 | Molecular Biology | 03 |
| 5. | UB24BT1205 | Industrial/Institutional visit and Report Submission | 02 |
| 6. | UB24BT1206 | Microbiology Lab1 | 02 |
| 7. | UB24BT1207 | Molecular Biology Lab2 | |
| 8. | UB24BT1208<br>UB24BT1209<br>UB24BT1210 | **Minor Course – Choose Any one**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 9. | U24TS01 | Technical Skills | 02 |
| 10. | U24LS02 | Life Skills | 01 |
| 11. | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 12. | U24VS04 | Environmental Awareness and Community Services | 01 |
| 13. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14. | U24CL06 | Cultural & Literary Activities | 00 |
| 15. | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16. | U24PT08 | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24BT2301 | Principles of Genetics | 03 |
| 2 | UB24BT2302 | Genetic engineering and its applications | 03 |
| 3 | UB24BT2303 | Principles of Genetics Lab1 | 02 |
| 4 | UB24BT2304 | Genetic Engineering Lab-2 | 02 |
| 5 | UB24BT2305<br>UB24BT2306<br>UB24BT2307 | **Minor Course – Select Any one**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13 | U24PT08 | Placement Training | 01 |
| **Total** | | | **20** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24BT2401 | Genomics and Proteomics | 03 |
| 2 | UB24BT2402 | Bioinformatics | 03 |
| 3 | UB24BT2403 | Genomics and Proteomics Lab 1 | 03 |
| 4 | UB24BT2404 | Bioinformatics Lab2 | 02 |
| 5 | UB24BT2405 | Forensics- practical | **02** |
| 6 | UB24BT2406<br>UB24BT2407<br>UB24BT2408 | **Minor course – Select any one**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 7 | U24TS01 | Technical Skills | 02 |
| 8 | U24LS02 | Life Skills | 01 |
| 9 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 11 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | U24CL06 | Cultural & Literary Activities | 01 |
| 13 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U24PT08 | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UB24BT3501 | Plant and Animal Tissue engineering | 04 |
| 2. | UB24BT3502 | Immunology | 04 |
| 3. | UB24BT3503 | Bioethics, Biosafety and IPR | 04 |
| 4. | UB24BT3504 | Immunology Lab 1 | 03 |
| 5. | UB24BT3505 | Plant and Animal Tissue engineering -Lab2 | **02** |
| 6. | UB24BT3506 | Sustainable Waste Management– Practical | 02 |
| 7. | U24TS01 | Technical Skills | 02 |
| 8. | U24LS02 | Life Skills | 00 |
| 9. | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 11. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | U24CL06 | Cultural & Literary Activities | 00 |
| 13. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | U24PT08 | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UB24BT3601 | Industrial Biotechnology | 04 |
| 2. | UB24BT3602 | Research Methodology | 04 |
| 3. | UB24BT3603 | Food Biotechnology | 03 |
| 4. | UB24BT3604 | Industrial Biotechnology – Practical | 02 |
| 5. | UB24BT3605 | Food Biotechnology – Practical | 02 |
| 6. | U24TS01 | Technical Skills | 02 |
| 7. | U24LS02 | Life Skills | 00 |
| 8. | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 9. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 10. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | U24CL06 | Cultural & Literary Activities | 01 |
| 12. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13. | U24PT08 | Placement Training | 00 |
| **Total** | | | **20** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UB24BT4701 | Management and Entrepreneurship | 04 |
| 2. | UB24BT4702 | Environmental Biotechnology | 04 |
| 3. | UB24BT4703 | Internship + Submission of Report | 07 |
| 4. | U24TS01 | Technical Skills | 00 |
| 5. | U24LS02 | Life Skills | 00 |
| 6. | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9. | U24CL06 | Cultural & Literary Activities | 00 |
| 10. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11. | U24PT08 | Placement Training | 00 |
| **Total** | | | **15** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UB24BT4801 | Project Work/Dissertation | 10 |
| 2. | UB24BT4802 | Oral/Poster Presentation in National/International Conference/Seminar | 05 |
| 3. | U24TS01 | Technical Skills | 00 |
| 4. | U24LS02 | Life Skills | 00 |
| 5. | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8. | U24CL06 | Cultural & Literary Activities | 00 |
| 9. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10. | U24PT08 | Placement Training | 00 |
| **Total** | | | **15** |

List of **Minor Course** Offered

1. Computer Science
2. Biochemistry
3. Zoology

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Sc., Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is: |

| | |
|---|---|
| | • 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes |

| | |
|---|---|
| | 2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
|---|---|---|---|---|---|---|---|---|
| **Course-1** | | | | | | | | |
| CO1 | | | | | | | | |
| CO2 | | | | | | | | |
| CO3 | | | | | | | | |
| CO4 | | | | | | | | |
| CO5 | | | | | | | | |
| CO6 | | | | | | | | |
| **Course-2** | | | | | | | | |
| CO1 | | | | | | | | |
| CO2 | | | | | | | | |
| CO3 | | | | | | | | |
| CO4 | | | | | | | | |
| CO5 | | | | | | | | |
| CO6 | | | | | | | | |

**B.Sc., - Bachelor of Science**

**(Major- Food Science and Technology)**

**(Minor: Computer Science/Biochemistry/Zoology)**

**PROGRAM DETAILS**

| | |
|---|---|
| **Faculty** | Basic and Applied Sciences (FBAS) |
| **School** | School of Applied Sciences (SAS) |
| **Program** | BSc (Major- Food Science and Technology) |
| **Dean of Faculty** | Dr. Santhosh B. M. |
| **Director of School** | Dr. Gurumurthy H |

| | | |
|---|---|---|
| 1 | **Title of the Award** | B.Sc., (Major- Food Science and Technology) |
| 2 | **Modes of Study** | Full -Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | November - 2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

| | |
|---|---|
| 14 | **Program Overview**<br><br>The Bachelor's program in science with a major in Food Science and Technology provides a comprehensive and applied education that integrates principles of biology, chemistry, engineering, and nutrition to understand and enhance the quality, safety, and sustainability of food products. This program is designed to equip students with a strong foundation in the scientific and technological aspects of food production, processing, and innovation.<br>Core courses cover essential topics such as food chemistry, microbiology, processing technology, quality assurance, and food safety. Students engage in hands-on laboratory work, gaining practical skills in food analysis, sensory evaluation, and the application of food processing techniques. The curriculum emphasizes the integration of scientific principles with practical applications, preparing students for careers in the dynamic and evolving food industry.<br>Specialized electives allow students to explore areas such as food engineering, product development, food regulations, and nutritional aspects of food science. Internships and industry collaborations provide real-world experience, enabling students to apply their knowledge to address challenges in food production and meet industry standards.<br>The program also focuses on sustainability, ethical considerations, and the impact of food choices on health and the environment. Graduates are well-prepared for diverse roles in food research and development, quality control, regulatory affairs, and various sectors of the food industry. The Bachelor's program in Science with a major in Food Science and Technology aims to produce graduates who contribute to the creation of safe, nutritious, and sustainable food products in response to global demands and challenges. |
| 15 | **Program Educational Objectives (PEOs):**<br>1. **Comprehensive Scientific Knowledge:**<br>Graduates of the program will possess a comprehensive understanding of fundamental concepts in basic sciences, including physics, chemistry, biology, and mathematics. They will demonstrate proficiency in core theories, methodologies, and experimental techniques across these disciplines.<br>**2. Critical Thinking and Inquiry Skills:**<br>Program graduates will develop and apply critical thinking and inquiry skills to analyse and solve complex problems in basic sciences. They will be capable of formulating research questions, designing experiments, and interpreting results, fostering a spirit of curiosity and scientific inquiry.<br>**3. Interdisciplinary Application:** |

| | |
|---|---|
| | Graduates will excel in applying their knowledge across multiple scientific domains, recognizing the interdisciplinary nature of scientific challenges. They will demonstrate the ability to integrate concepts from different disciplines to address real-world problems, preparing them for diverse career paths and advanced studies in various scientific fields. |
| 16 | **Program Outcomes (POs):**<br>1. **Foundational Knowledge:**<br>Graduates will possess a solid understanding of foundational concepts in the basic sciences, including physics, chemistry, biology, and mathematics.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate critical thinking and problem-solving skills, applying scientific methodologies to analyse and solve complex problems in diverse scientific domains.<br>3. **Laboratory Proficiency:**<br>Graduates will have practical laboratory skills, including experimental design, data collection, and analysis, enabling them to conduct scientific investigations effectively.<br>4. **Scientific Communication:**<br>Graduates will communicate scientific ideas clearly and effectively, both in written and oral formats, demonstrating the ability to convey complex concepts to both scientific and non-scientific audiences.<br>5. **Interdisciplinary Integration:**<br>Graduates will excel in integrating knowledge across multiple scientific disciplines, recognizing and leveraging the interconnectedness of various fields to address complex real-world challenges.<br>6. **Quantitative and Computational Skills:**<br>Graduates will be proficient in quantitative and computational methods, using mathematical tools and computer-based techniques to model and analyze scientific phenomena.<br>7. **Ethical and Responsible Conduct:**<br>Graduates will adhere to high ethical standards in scientific inquiry, demonstrating integrity, responsibility, and ethical behaviour in their research and professional practices.<br>8. **Research Readiness:**<br>Graduates will be prepared for further studies or research endeavors, having engaged in independent or collaborative research projects that demonstrate their ability to contribute to |

| | |
|---|---|
| | the advancement of scientific knowledge. |
| 17 | **Program Specific Outcomes (PSOs):**<br><br>**1. Food Product Development Proficiency:**<br>Graduates will demonstrate proficiency in developing food products by applying principles of food science and technology. They will showcase the ability to formulate and optimize recipes, considering sensory attributes, nutritional content, and technological feasibility.<br><br>**2. Quality Assurance and Safety Skills:**<br><br>Graduates will possess advanced skills in quality assurance and food safety, ensuring that food products meet industry standards and regulatory requirements. They will demonstrate the ability to implement and monitor quality control measures throughout the food production process.<br><br>**3. Sustainability and Innovation Application:**<br>Graduates will apply principles of sustainability and innovation in the food industry. They will showcase the ability to develop environmentally responsible and innovative food production processes, contributing to the creation of sustainable and ethically produced food products. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program - Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **100+30=130** |

**3-year degree program: 100+30= 130 Credits**
**4-year Honors degree program: 130+30= 160 Credits**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24FT1101<br>UB24FT1102 | Kannada Shravana-I (Kannada)<br>Katha Saritha (Hindi) | 02 |
| 2 | UB24FT1103 | Insight-I (English) | 02 |
| 3 | UB24FT1104 | Introduction to Food Science and Technology | 03 |
| 4 | UB24FT1105 | Food Chemistry | 03 |
| 5 | UB24FT1106 | Food and Nutrition | 03 |
| 6 | UB24FT1107 | Introduction to Food Science and Technology – Practical | 02 |
| 7 | UB24FT1108 | Food Chemistry - Practical | 02 |
| 8 | UB24FT1109<br>UB24FT1110<br>UB24FT1111 | **Minor Course – Select Any one**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 9 | U24TS01 | Technical Skills | 0 |
| 10 | U24LS02 | Life Skills | 0 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 16 | U24PT08 | Placement Training | 0 |
| **Total** | | | **21** |

| Semester-2 | | | |
|---|---|---|---|
| **S.No** | **Course Code** | **Course Title** | **Credits** |
| **1.** | UB24FT1201 | Kannada Shravana-II (Kannada)<br>Katha Sourabha (Hindi) | 02 |
| 2. | UB24FT1202 | Insight-II (English) | 02 |
| 3. | UB24FT1203 | Fruits, Vegetables and Plantation crops Technology | 03 |
| 4. | UB24FT1204 | Food Microbiology | 03 |
| 5. | UB24FT1205 | Industrial/Institutional visit and Report Submission | 02 |
| 6. | UB24FT1206 | Fruits, Vegetables and Plantation crops Technology-Practical | 02 |
| 7. | UB24FT1207 | Food Microbiology - Practical | |
| 8. | UB24FT1208<br>UB24FT1209<br>UB24FT1210 | **Minor Course – Choose Any one**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 9. | U24TS01 | Technical Skills | 02 |
| 10. | U24LS02 | Life Skills | 01 |
| 11. | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 12. | U24VS04 | Environmental Awareness and Community Services | 01 |
| 13. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14. | U24CL06 | Cultural & Literary Activities | 00 |
| 15. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16. | U24PT08 | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24FT2301 | Cereals, Pulses and Oilseeds Processing Technology | 03 |
| 2 | UB24FT2302 | Principles of Food Preservation | 03 |
| 3 | UB24FT2303 | Cereals, Pulses and Oilseeds Processing Technology – Practical | 02 |
| 4 | UB24FT2304 | Principles of Food Preservation – Practical | 02 |
| 5 | UB24FT2305<br>UB24FT2306<br>UB24FT2307 | **Minor Course – Select Any one**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13 | U24PT08 | Placement Training | 01 |
| **Total** | | | **20** |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24FT2401 | Meat, Marine and Poultry Processing Technology | 03 |
| 2 | UB24FT2402 | Dairy Technology | 03 |
| 3 | UB24FT2403 | Food Safety and Quality Control | 03 |
| 4 | UB24FT2404 | Meat and Marine Poultry Processing Technology - Practical | 02 |
| 5 | UB24FT2405 | Dairy Technology - Practical | 02 |
| 6 | UB24FT2406<br>UB24FT2407<br>UB24FT2408 | **Minor course – Select any one**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 7 | U24TS01 | Technical Skills | 02 |
| 8 | U24LS02 | Life Skills | 01 |
| 9 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 11 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | U24CL06 | Cultural & Literary Activities | 01 |
| 13 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U24PT08 | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UB24FT3501 | Nutraceutical and Functional Foods | 04 |
| 2. | UB24FT3502 | Brewing and Fermentation technology | 04 |
| 3. | UB24FT3503 | Food Trade and Business Management | 04 |
| 4. | UB24FT3504 | Waste Management in Food Industry | 03 |
| 5. | UB24FT3505 | Nutraceutical and Functional Foods & Food Trade and Business Management – Practical | 02 |
| 6. | UB24FT3506 | Brewing and Fermentation technology & Waste Management in Food Industry – Practical | 02 |
| 7. | U24TS01 | Technical Skills | 02 |
| 8. | U24LS02 | Life Skills | 00 |
| 9. | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 11. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12. | U24CL06 | Cultural & Literary Activities | 00 |
| 13. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | U24PT08 | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UB24FT3601 | Food Packaging and labeling | 04 |
| 2. | UB24FT3602 | Principles of Food Engineering | 04 |
| 3. | UB24FT3603 | Food Safety and Quality Control | 03 |
| 4. | UB24FT3604 | Food Packaging and labeling – Practical | 02 |
| 5. | UB24FT3605 | Food Safety and Quality Control – Practical | 02 |
| 6. | U24TS01 | Technical Skills | 02 |
| 7. | U24LS02 | Life Skills | 00 |
| 8. | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 9. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 10. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 11. | U24CL06 | Cultural & Literary Activities | 01 |
| 12. | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13. | U24PT08 | Placement Training | 00 |
| **Total** | | | **20** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UB24FT4701 | Food Plant management and Entrepreneurship | 04 |
| 2. | UB24FT4702 | Research Methodology | 04 |
| 3. | UB24FT4703 | Internship + Submission of Report | 07 |
| 4. | U24TS01 | Technical Skills | 00 |
| 5. | U24LS02 | Life Skills | 00 |
| 6. | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9. | U24CL06 | Cultural & Literary Activities | 00 |
| 10. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11. | U24PT08 | Placement Training | 00 |
| **Total** | | | **15** |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1. | UB24FT4801 | Project Work/Dissertation | 10 |
| 2. | UB24FT4802 | Oral/Poster Presentation in National/International Conference/Seminar | 05 |
| 3. | U24TS01 | Technical Skills | 00 |
| 4. | U24LS02 | Life Skills | 00 |
| 5. | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8. | U24CL06 | Cultural & Literary Activities | 00 |
| 9. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10. | U24PT08 | Placement Training | 00 |
| **Total** | | | **15** |

List of **Minor Course** Offered

1. Computer Science
2. Biochemistry
3. Zoology

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Sc., Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is: |

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|---|---|
| | • 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercise their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes |

| | |
|---|---|
| | 2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
|---|---|---|---|---|---|---|---|---|
| **Course-1** | | | | | | | | |
| CO1 | | | | | | | | |
| CO2 | | | | | | | | |
| CO3 | | | | | | | | |
| CO4 | | | | | | | | |
| CO5 | | | | | | | | |
| CO6 | | | | | | | | |
| **Course-2** | | | | | | | | |
| CO1 | | | | | | | | |
| CO2 | | | | | | | | |
| CO3 | | | | | | | | |
| CO4 | | | | | | | | |
| CO5 | | | | | | | | |
| CO6 | | | | | | | | |

**B.Sc.,-Bachelor of Science**

**(Major-Industrial Microbiology)**

**(Minor: Computer Science/Biochemistry/Zoology)**

**PROGRAM DETAILS**

| | |
|---|---|
| **Faculty** | Basic and Applied Sciences(FBAS) |
| **School** | School of Applied Sciences(SAS) |
| **Program** | B.Sc. (Industrial Microbiology) |
| **Dean of Faculty** | Dr. Santhosh B.M. |
| **Director of School** | Dr. Gurumurthy. H |

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|---|---|---|
| 1 | **Title of the Award** | B.Sc.,(Major-Microbiology) |
| 2 | **Modes of Study** | Full–Time |
| 3 | **Awarding Institution/Body** | GMUniversity |
| 4 | **Joint Award** | NotApplicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | November–2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |

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|---|---|
| 14 | **ProgramOverview**<br>The **Bachelor's Degree in Industrial Microbiology** provides students with a comprehensive understanding of the use of microorganisms in industrial applications. The program covers microbiology fundamentals, microbial fermentation, bioprocess engineering, product development, and quality control in industries such as pharmaceuticals, food, and biofuels. Students learn how to optimize microbial production processes, design bioreactors, and ensure product safety and quality. The program also highlights sustainability practices through microbial waste management and environmental applications. Graduates are prepared for careers in various industries, including pharmaceuticals, food and beverages, chemicals, and renewable energy. |
| 15 | The **Program Educational Objectives (PEOs)** for a Bachelor's Degree in Industrial Microbiology typically reflect the broad goals of the program, focusing on the preparation of students to succeed in the field. Here are some common PEOs:<br>**1. Foundational Knowledge and Technical Skills:**<br>• Graduates will acquire a strong foundation in microbiology, biochemistry, and industrial processes, enabling them to apply core principles in microbial technology and bioprocessing for industrial applications.<br>**2. Problem-Solving and Innovation:**<br>• Graduates will be capable of identifying and solving complex microbiological problems in industrial settings by utilizing critical thinking, creativity, and innovation to design, optimize, and scale-up microbial production processes.<br>**3. Practical and Research Competence:**<br>• Graduates will gain hands-on experience in laboratory and industrial environments, preparing them to manage biotechnological processes and engage in research and development activities aimed at improving industrial microbiological practices.<br>**4. Sustainability and Ethical Responsibility:**<br>• Graduates will be equipped to promote sustainable practices in microbial applications, focusing on environmental impact reduction, waste management, and bio-based technologies, while adhering to ethical and safety standards in industrial microbiology.<br>**5. Communication and Teamwork Skills:**<br>• Graduates will demonstrate effective communication skills, both written and oral, to interact with multidisciplinary teams and present research findings, reports, and proposals to stakeholders, contributing to successful collaborative work in industrial settings. |

**6. Lifelong Learning and Professional Development:**

- Graduates will recognize the importance of continuous learning and professional development, keeping up-to-date with advancements in microbiology, biotechnology, and related industries to remain competitive in the evolving field.

**7. Effective Communication and Teamwork:**

Graduates will be effective communicators, capable of presenting complex biotechnological concepts clearly and working collaboratively in multi-disciplinary teams to address scientific challenges and develop sustainable biotechnological solutions.

**8. Contribution to Biotechnology Industry:**

Graduates will be prepared to enter the biotechnology workforce and contribute to various sectors, including healthcare, pharmaceuticals, agriculture, and environmental biotechnology, by applying their skills to improve products, processes, and services in these industries.

These objectives aim to prepare students not only for technical expertise but also for leadership roles and responsible practices in industrial microbiology.

**Program Outcomes (POs)** for a Bachelor's Degree in Industrial Microbiology describe the specific knowledge, skills, and attitudes that students are expected to acquire by the end of the program. Below are the **specific Program Outcomes (POs)** for such a program:

**1. Knowledge and Understanding of Microbial Sciences:**

- **PO1:** Apply fundamental principles of microbiology, biochemistry, and molecular biology to industrial microbiology contexts, demonstrating an understanding of the structure, function, and metabolism of microorganisms.

**2. Microbial Techniques and Laboratory Skills:**

- **PO2:** Develop and apply practical skills in microbiological techniques, including microbial culture, isolation, identification, and the use of laboratory equipment for analyzing microbial processes.

**3. Microbial Fermentation and Bioprocess Engineering:**

- **PO3:** Design, optimize, and scale-up microbial fermentation processes, including the use of bioreactors, for the large-scale production of industrial products like biofuels, pharmaceuticals, and enzymes.

**4. Product Development and Innovation:**

- **PO4:** Apply knowledge to develop new biotechnological products, processes, and applications in various industries, including pharmaceuticals, food, and biofuels, using microbial systems for innovation.

**5. Quality Control and Assurance:**

- **PO5:** Implement and maintain quality control measures in industrial microbiology, ensuring the safety, reliability, and regulatory compliance of microbial products and processes.

**6. Environmental Sustainability:**

- **PO6:** Utilize microorganisms in environmental and waste management practices, such as bioremediation, wastewater treatment, and sustainable bio-based product development.

**7. Problem-Solving and Critical Thinking:**

- **PO7:** Identify, analyze, and solve complex problems related to microbial processes in industrial applications, demonstrating effective problem-solving and critical thinking skills.

**8. Communication and Teamwork:**

- **PO8:** Communicate effectively, both orally and in writing, to present scientific findings, research reports, and technical proposals. Work collaboratively in multidisciplinary teams to achieve common goals in industrial microbiology.

**9. Ethics and Professional Responsibility:**

- **PO9:** Demonstrate ethical responsibility in research and professional practices, adhering to safety standards, environmental guidelines, and industry regulations.

**10. Lifelong Learning and Adaptability:**

- **PO10:** Recognize the need for lifelong learning and self-development, staying current with advancements in industrial microbiology and related fields through continuous education and professional engagement.

These **Program Outcomes** ensure that graduates are well-equipped with the technical, analytical, and communication skills necessary to succeed in the field of industrial microbiology, and to contribute effectively to both industry and society.

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|---|---|
| 17 | The **Specific Outcomes (SOs)** for a Bachelor's Degree in Industrial Microbiology are detailed expectations regarding the competencies students should possess upon graduation. These outcomes reflect practical skills, technical knowledge, and professional attributes that students should have developed throughout the program. Below are the **specific outcomes** for this program:<br><br>**1. Demonstrate Proficiency in Microbiological Techniques:**<br><br>• Graduates will be able to independently perform essential microbiological techniques, including microbial isolation, identification, culturing, staining, and enumeration, with accuracy and precision.<br><br>**2. Apply Principles of Microbial Physiology to Industrial Processes:**<br><br>• Graduates will apply knowledge of microbial physiology, metabolism, and genetics to optimize microbial production processes in industrial settings, such as fermentation, bioreactor operation, and enzyme production.<br><br>**3. Design and Optimize Bioprocesses for Industrial Production:**<br><br>• Graduates will be able to design, implement, and optimize bioprocesses, including scaling up microbial fermentation and bioreactor processes, to enhance the yield and quality of microbial products such as biofuels, pharmaceuticals, and enzymes.<br><br>**4. Implement Quality Control and Assurance in Industrial Microbiology:**<br><br>• Graduates will have the ability to develop and enforce quality control procedures in microbial-based industries, ensuring product safety, consistency, and regulatory compliance.<br><br>**5. Integrate Biotechnology with Environmental Sustainability:**<br><br>• Graduates will be equipped to apply microbiological and biotechnological processes to address environmental challenges, such as waste management, bioremediation, and the sustainable production of bio-based chemicals and materials.<br><br>**6. Solve Industrial Microbiology Challenges Using Analytical and Critical Thinking:**<br><br>• Graduates will utilize analytical thinking to identify, troubleshoot, and resolve complex microbial-related challenges in industrial microbiology, ensuring that processes are both efficient and cost-effective.<br><br>**7. Communicate Scientific and Technical Information Effectively:**<br><br>• Graduates will be able to effectively communicate scientific concepts, research findings, and technical information, both orally and in writing, to diverse audiences, including industry professionals, regulatory bodies, and academic peers. |

| | |
|---|---|
| | **8. Work Collaboratively in Multidisciplinary Teams:**<br><br>• Graduates will be able to work effectively in multidisciplinary teams, contributing to collaborative efforts in the research, development, and scaling of industrial microbiological applications.<br><br>**9. Demonstrate Ethical and Professional Responsibility:**<br><br>• Graduates will adhere to ethical practices in microbiological research and industrial applications, respecting safety standards, environmental regulations, and ethical guidelines in their professional conduct.<br><br>**10. Pursue Continuous Professional Development:**<br><br>• Graduates will demonstrate the ability to engage in lifelong learning, keeping up-to-date with emerging trends, technologies, and advancements in industrial microbiology through further studies and professional development activities.<br><br>These **specific outcomes** ensure that graduates of the program are well-prepared to enter the workforce with the practical skills, scientific knowledge, and professional attitudes needed to thrive in the field of industrial microbiology. |

## Programme Structure

**A. Definition of Credit**:

| | |
|---|---|
| 1Hr.Lecture(L) per week | 1Credit |
| 2Hr.Tutorial(T) per week | 1Credit |
| 2Hr.Practical(P) per week | 1Credit |

| Sl. No. | Program– Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10(SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-CurricularActivities(Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **100+30=130** |

3- **Year degree program: 100+30=130 Credits**
4- **Year Honors degree program: 130+30=160 Credits**

**18.Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **CourseTitle** | **Credits** |
| 1 | UB24MB1101<br>UB24MB1102 | Kannada Shravana-I(Kannada)<br>Katha Saritha(Hindi) | 02 |
| 2 | UB24MB1103 | Insight-I(English) | 02 |
| 3 | UB24MB1104 | Fundamentals of Microbiology | 03 |
| 4 | UB24MB1105 | Basic Techniques in Microbiology | 03 |
| 6 | UB24MB1106 | Fundamentals of Microbiology-Lab1 | 02 |
| 7 | UB24MB1107 | Basic Techniques in Microbiology –Lab 2 | 02 |
| 8 | UB24MB1108<br>UB24MB119<br>UB24MB1110 | **Minor Course–Select Anyone**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 9 | U24TS01 | Technical Skills | 0 |
| 10 | U24LS02 | Life Skills | 0 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-CurricularActivities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 16 | U24PT08 | PlacementTraining | 0 |
| **Total** | | | **21** |

| Semester-2 | | | |
|---|---|---|---|
| **S.No** | **CourseCode** | **Course Title** | **Credits** |
| **1.** | UB24MB1201 | Kannada Shravana-II(Kannada)<br>Katha Sourabha (Hindi) | 02 |
| 2. | UB24MB1202 | Insight-II(English) | 02 |
| 3. | UB24MB1203 | Biochemistry | 03 |
| 4. | UB24MB1204 | Microbial Physiology | 03 |
| 5. | UB24MB1205 | Industrial/Institutional Visit and Report Submission | 02 |
| 6. | UB24MB1206 | BiochemistryLab1 | 02 |
| 7. | UB24MB1207 | Microbial PhysiologyLab2 | 02 |
| 8. | UB24MB1208<br>UB24MB1209<br>UB24MB1210 | **Minor Course–Choose Anyone**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 9. | U24TS01 | Technical Skills | 02 |
| 10. | U24LS02 | Life Skills | 01 |
| 11. | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 12. | U24VS04 | Environmental Awareness and Community Services | 01 |
| 13. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14. | U24CL06 | Cultural & Literary Activities | 00 |
| 15. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16. | U24PT08 | Placement Training | 00 |
| **Total** | | | **21** |

| Semester-3 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **CourseTitle** | **Credits** |
| 1 | UB24MB2301 | Molecular Biology and Microbial Genetics | 03 |
| 2 | UB24MB2302 | Immunology & Medical Microbiology | 03 |
| 3 | UB24MB2303 | Molecular Biology and Microbial Genetics Lab-1 | 02 |
| 4 | UB24MB2304 | Immunology & Medical microbiologyLab-2 | 02 |
| 5 | UB24MB2305<br>UB24MB2306<br>UB24MB2307 | **Minor Course–Select Anyone**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13 | U24PT08 | Placement Training | 01 |
| **Total** | | | **20** |

| Semester-4 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **CourseTitle** | **Credits** |
| 1 | UB24MB2401 | Environmental Microbiology | 03 |
| 2 | UB24MB2402 | Agricultural Microbiology | 03 |
| 3 | UB24MB2403 | Environmental Microbiology and Lab 1 | 03 |
| 4 | UB24MB2404 | Agricultural Microbiology Lab 2 | 02 |
| 6 | UB24MB2405<br>UB24MB2406<br>UB24MB2407 | **Minor course–Select anyone**<br>1. Computer Science<br>2. Biochemistry<br>3. Zoology | 03 |
| 7 | U24TS01 | Technical Skills | 02 |
| 8 | U24LS02 | Life Skills | 01 |
| 9 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 11 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 12 | U24CL06 | Cultural & Literary Activities | 01 |
| 13 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14 | U24PT08 | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-5 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **Course Title** | **Credits** |
| 1. | UB24MB3501 | Food Microbiology | 04 |
| 2. | UB24MB3502 | Diary Microbiology | 04 |
| 4. | UB24MB3503 | Food Microbiology Lab 1 | 03 |
| 5. | UB24MB3504 | Diary Microbiology –Lab 2 | **02** |
| 7. | U24TS01 | Technical Skills | 02 |
| 8. | U24LS02 | Life Skills | 00 |
| 9. | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 10. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 11. | U24AS05 | Athletics,Sports,Yoga,Gymnasium | 01 |
| 12. | U24CL06 | Cultural & Literary Activities | 00 |
| 13. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 14. | U24PT08 | Placement Training | 01 |
| **Total** | | | **24** |

| Semester-6 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **CourseTitle** | **Credits** |
| 1. | UB24MB3601 | Genetic Engineering and Bioethics, Biosafety, and IPR | 04 |
| 2. | UB24MB3602 | Fermentation Technology | 04 |
| 4. | UB24MB3603 | Genetic Engineering –Practical | 02 |
| 5. | UB24MB3604 | Fermentation Technology –Practical | 02 |
| 6. | U24TS01 | Technical Skills | 02 |
| 7. | U24LS02 | Life Skills | 00 |
| 8. | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 9. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 10. | U24AS05 | Athletics,Sports,Yoga,Gymnasium | 00 |
| 11. | U24CL06 | Cultural & Literary Activities | 01 |
| 12. | U24CC07 | Co-CurricularActivities<br>(Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13. | U24PT08 | Placement Training | 00 |
| **Total** | | | **20** |

| Semester-7 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **CourseTitle** | **Credits** |
| 1. | UB24MB4701 | Bioinformatics and Biostatistics | 04 |
| 2. | UB24MB4702 | Research Methodology and Entrepreneurship Development | 04 |
| 3. | UB24MB4703 | Internship + Submission of Report | 07 |
| 4. | U24TS01 | Technical Skills | 00 |
| 5. | U24LS02 | Life Skills | 00 |
| 6. | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9. | U24CL06 | Cultural & Literary Activities | 00 |
| 10. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11. | U24PT08 | Placement Training | 00 |
| **Total** | | | **15** |

| Semester-8 | | | |
|---|---|---|---|
| **S.No.** | **CourseCode** | **Course Title** | **Credits** |
| 1. | UB24MB4801 | ProjectWork/Dissertation | 10 |
| 2. | UB24MB4802 | Oral/Poster Presentation in National/International Conference/Seminar | 05 |
| 3. | U24TS01 | Technical Skills | 00 |
| 4. | U24LS02 | Life Skills | 00 |
| 5. | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6. | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7. | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8. | U24CL06 | Cultural & Literary Activities | 00 |
| 9. | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10. | U24PT08 | Placement Training | 00 |
| **Total** | | | **15** |

List of **Minor Course** Offered

1. ComputerScience
2. Biochemistry
3. Zoology

| | |
|---|---|
| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents after each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face-to-Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project-Based Learning<br>4. Problem-Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations.<br>Condoning of attendance shortage is as per the Academic Regulations of B.Sc., Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz-15%<br>b. Class Tests:24%<br>c. Application Based open assignments/Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination:40%<br>3.Based on total marks scored grade is<br>Awarded. If marks scored is: |

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| | • 91 and above O(outstanding); 81-90:A+(Excellent); 71-80: A(Very Good); 61-70:B+(Good); 51-60<br>:B(Above Average); 40-50:C(Average); below 40:D(Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students canexercise theirchoice incaseof electivesor open electives – meansthey can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4.End of each semester–grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honors degree**.<br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10)in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of ¾ years(6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 24 | **Quality Control Measures**<br>1. Review of Course Notes |

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| | 2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board(CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of Pos with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
|---|---|---|---|---|---|---|---|---|
| **Course-1** | | | | | | | | |
| CO1 | | | | | | | | |
| CO2 | | | | | | | | |
| CO3 | | | | | | | | |
| CO4 | | | | | | | | |
| CO5 | | | | | | | | |
| CO6 | | | | | | | | |
| **Course-2** | | | | | | | | |
| CO1 | | | | | | | | |
| CO2 | | | | | | | | |
| CO3 | | | | | | | | |
| CO4 | | | | | | | | |
| CO5 | | | | | | | | |
| CO6 | | | | | | | | |

## B.Sc.,-Bachelor of Science

## (Majors- Chemistry and Zoology

## Minor: Computer Science/Botany/Statistics/Ecology)

## PROGRAM DETAILS

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| **Faculty** | Basic and Applied Sciences (FBAS) |
| **School** | School of Chemical and Biological Sciences (SCBS) |
| **Program** | B.Sc., (Major-Chemistry and Zoology) |
| **Dean of Faculty** | Dr.Santhosh. B. M. |
| **Director of School** | Mrs.SavithaP. H. |

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|---|---|---|
| 1 | **Title of the Award** | B.Sc., (Major-Chemistry and Zoology) |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | November -2023 |
| 8 | **Next Review Date:** | November -2024 |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor's program in Science with majors in Chemistry and Zoology provides students with a multidisciplinary education that combines the principles of chemistry with the study of animal life. This program offers a comprehensive understanding of the fundamental concepts, theories, and methodologies in both chemistry and zoology, fostering a holistic approach to the natural sciences.<br>The curriculum encompasses core courses in general chemistry, organic chemistry, and biochemistry, providing students with a strong foundation in chemical principles. | |

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| | Simultaneously, the zoology component covers topics such as animal behaviour, physiology, ecology, and evolution, offering insights into the diverse and fascinating world of animals.<br>Students will engage in hands-on laboratory work, gaining practical skills in chemical analysis, experimentation, and the study of animal specimens. The integration of chemistry and zoology allows students to explore the connections between chemical processes and the biological phenomena exhibited by animals.<br>Elective courses provide flexibility for students to tailor their education, allowing them to delve into specialized areas such as environmental chemistry, animal physiology, or ecological chemistry. The program emphasizes critical thinking, problem-solving, and research skills, preparing graduates for diverse career paths in research, industry, environmental science, and conservation.<br>The Bachelor's program in Science with majors in Chemistry and Zoology aims to produce graduates with a unique skill set, equipping them to address complex challenges at the intersection of chemistry and zoology. Graduates will be well-prepared to contribute to scientific research, environmental management, and other fields where expertise in both disciplines is highly valued. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Comprehensive Scientific Knowledge:**<br>Graduates of the program will possess a comprehensive understanding of fundamental concepts in basic sciences, including physics, chemistry, biology, and mathematics. They will demonstrate proficiency in core theories, methodologies, and experimental techniques across these disciplines.<br>2. **Critical Thinking and Inquiry Skills:**<br>Program graduates will develop and apply critical thinking and inquiry skills to analyse and solve complex problems in basic sciences. They will be capable of formulating research questions, designing experiments, and interpreting results, fostering a spirit of curiosity and scientific inquiry.<br>3. **Interdisciplinary Application:**<br>Graduates will excel in applying their knowledge across multiple scientific domains, recognizing the interdisciplinary nature of scientific challenges. They will demonstrate the ability to integrate concepts from different disciplines to address real-world problems, preparing them for diverse career paths and advanced studies in various scientific fields. |

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| 16 | **Program Outcomes (POs):**<br>1. **Foundational Knowledge:**<br>Graduates will possess a solid understanding of foundational concepts in the basic sciences, including physics, chemistry, biology, and mathematics.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate critical thinking and problem-solving skills, applying scientific methodologies to analyse and solve complex problems in diverse scientific domains.<br>3. **Laboratory Proficiency:**<br>Graduates will have practical laboratory skills, including experimental design, data collection, and analysis, enabling them to conduct scientific investigations effectively.<br>4. **Scientific Communication:**<br>Graduates will communicate scientific ideas clearly and effectively, both in written and oral formats, demonstrating the ability to convey complex concepts to both scientific and non-scientific audiences.<br>5. **Interdisciplinary Integration:**<br>Graduates will excel in integrating knowledge across multiple scientific disciplines, recognizing and leveraging the interconnectedness of various fields to address complex real-world challenges.<br>6. **Quantitative and Computational Skills:**<br>Graduates will be proficient in quantitative and computational methods, using mathematical tools and computer-based techniques to model and analyse scientific phenomena.<br>7. **Ethical and Responsible Conduct:**<br>Graduates will adhere to high ethical standards in scientific inquiry, demonstrating integrity, responsibility, and ethical behaviour in their research and professional practices.<br>8. **Research Readiness:**<br>Graduates will be prepared for further studies or research endeavours, having engaged in independent or collaborative research projects that demonstrate their ability to contribute to the advancement of scientific knowledge. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Laboratory and Analytical Proficiency:**<br>Graduates will demonstrate proficiency in laboratory techniques and chemical |

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| | analysis, applying principles of chemistry to investigate and understand biological processes in animals. They will be skilled in conducting experiments, interpreting data, and utilizing analytical methods in both chemical and zoological contexts.<br>2. **Biodiversity and Environmental Applications:**<br>Graduates will apply their knowledge to assess and address issues related to biodiversity and the environment. They will demonstrate an understanding of the impact of chemical processes on ecosystems and the interplay between chemistry and zoology in environmental contexts, contributing to the sustainable management of biodiversity.<br>3. **Interdisciplinary Research and Communication:**<br>Graduates will engage in interdisciplinary research, showcasing the ability to integrate chemical and zoological concepts. They will effectively communicate scientific findings, both in written and oral formats, demonstrating the capacity to collaborate across disciplines and contribute to advancements in the understanding of chemical and biological systems. |

**Programme Structure**

**A. Definition of Credit**:

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| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program –Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **100/130+30=130/160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Siri-1<br>Katha Saritha | 2 |
| 2 | UL24FHE12 | English Insight-1 | 2 |
| 3 | UB24CZ1104 | Fundamentals of chemistry | 3 |
| 4 | UB24CZ1105 | Diversity of Invertebrates and agricultural pests | 3 |
| 5 | UB24CZ1106 | Trimetric analysis lab | 2 |
| 6 | UB24CZ1107 | Diversity of Invertebrates and agricultural pests lab | 2 |
| 7 | <br>UB24CZ1108<br>UB24CZ1109<br>UB24CZ1110<br>UB24CZ1111 | Minor course-1 (any one)<br>Programming in C<br>Descriptive Statistics<br>Ecology and Ecosystem<br>Microbes and microbial diversity | 3 |
| 8 | U24TS01 | Technical Skills | 0 |
| 9 | U24LS02 | Life Skills | 0 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | U24CL06 | Cultural & Literary Activities | 01 |
| 14 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | U24PT08 | Placement Training | 0 |
| Total | | | 18 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK21<br>UL24FHH23 | Kannada Siri-2<br>Hindi- Katha Sourabha | 2 |
| 2 | UL24FHE22 | English Insight-2 | 2 |
| 3 | UB24CZ1204 | General concepts in chemistry | 3 |
| 4 | UB24CZ1205 | Diversity of vertebrates and economic zoology | 3 |
| 5 | UB24CZ1206 | Qualitative analysis of bi-functional organic compounds | 2 |
| 6 | UB24CZ1207 | Diversity of vertebrates and economic zoology lab | 2 |
| 7 | <br>UB24CZ1208<br>UB24CZ1209<br>UB24CZ1210<br>UB24CZ1211 | Minor course-1 (any one)<br>Data Structure using C<br>Probability and Probability Distribution<br>Behavioural Ecology<br>Diversity and conservation of cryptogams and Phanerogams | 3 |
| 8 | U24TS01 | Technical Skills | 02 |
| 9 | U24LS02 | Life Skills | 01 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | U24CL06 | Cultural & Literary Activities | 00 |
| 14 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15 | U24PT08 | Placement Training | 00 |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CZ2301 | Selected topics in chemistry (principles and practices) | 3 |
| 2 | UB24CZ2302 | Cell biology and Immunology | 3 |
| 3 | UB24CZ2303 | Qualitative analysis of inorganic salt mixture | 2 |
| 4 | UB24CZ2304 | Cell biology and Immunology lab | 2 |
| 5 | <br>UB24CZ2305<br>UB24CZ2306<br>UB24CZ2307<br>UB24CZ2308 | Minor course-1 (any one)<br>Database System Concept<br>Calculus and Probability Distribution<br>Conservational Ecology<br>Phytotomy developmental and reproductive biology | 3 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CZ2401 | Industrial and Physio-organic chemistry | 3 |
| 2 | UB24CZ2402 | Biochemistry and Animal physiology | 3 |
| 3 | UB24CZ2403 | Non-instrumental quantitative analysis lab | 2 |
| 4 | UB24CZ2404 | Biochemistry and Animal physiology lab | 2 |
| 5 | <br>UB24CZ2405<br>UB24CZ2406<br>UB24CZ2407<br>UB24CZ2408 | Minor course-1 (any one)<br>Object oriented programming in Java<br>Statistical Inference -I<br>Restoration Ecology<br>Bionomics | 3 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 01 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | 21 |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24CZ3501 | Modern concepts of chemistry | 03 |
| 2 | UB24CZ3502 | Biomolecules and coordination chemistry | 03 |
| 3 | UB24CZ3503 | Endocrinology and Developmental Biology | 03 |
| 4 | UB24CZ3504 | Evolutionary Biology and Neuroscience | 03 |
| 5 | UB24CZ3505 | Quantitative analysis- Gravimetric and Volumetric | 02 |
| 6 | UB24CZ3506 | Organic synthesis (single and double step) | 02 |
| 7 | UB24CZ3507 | Endocrinology and Developmental Biology lab | 02 |
| 8 | UB24CZ3508 | Evolutionary Biology and Neuroscience lab | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | U24CL06 | Cultural & Literary Activities | 00 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | U24PT08 | Placement Training | 01 |
| Total | | | 25 |

| Semester-6 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24CZ3601 | Advanced chemistry and spectroscopy | 03 |
| 2 | UB24CZ3602 | Comprehensive study of chemistry (polymers, natural products and quantum chemistry) | 03 |
| 3 | UB24CZ3603 | Ethology and Animal behavioural science | 03 |
| 4 | UB24CZ3604 | Wildlife Biology and Ecotourism | 03 |
| 5 | UB24CZ3605 | Instrumental analysis of physical chemistry | 02 |
| 6 | UB24CZ3606 | Qualitative and Quantitative analysis | 02 |
| 7 | UB24CZ3607 | Ethology and Animal behavioural science lab | 02 |
| 8 | UB24CZ3608 | Wildlife Biology and Ecotourism lab | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 16 | U24PT08 | Placement Training | 00 |
| Total | | | 25 |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CZ4701 | Project major-1 | 10 |
| 2 | UB24CZ4702 | Internship | 3 |
| 3 | UB24CZ4703 | Research methodology | 2 |
| 4 | U24TS01 | Technical Skills | 00 |
| 5 | U24LS02 | Life Skills | 00 |
| 6 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U24CL06 | Cultural & Literary Activities | 00 |
| 10 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CZ4801 | Dissertation | 10 |
| 2 | UB24CZ4802 | Research Paper presentation (oral/ poster presentation in national and international conference) | 5 |
| 3 | U24TS01 | Technical Skills | 00 |
| 4 | U24LS02 | Life Skills | 00 |
| 5 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8 | U24CL06 | Cultural & Literary Activities | 00 |
| 9 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

List of minor courses offered

- Computer Science
- Botany
- Statistics
- Ecology

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |

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| 20 | **Teaching and Learning Methods**<br>1. FacetoFaceLecturesusingAudio-Visuals<br>2. Laboratorywork/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. GroupExercises/Assignments<br>6. Demonstrations<br>7. GuestLectures<br>8. IndustryVisit<br>9. Workshops,GroupDiscussions,Debates,Presentations<br>10. Project Work<br>11. ProjectExhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimumof85%attendanceis essential toappear forsemesterendexaminations. Condoningof attendanceshortageisas pertheAcademic RegulationsofB.Sc.,Programme. |
| 22 | **Assessment and Grading**<br>1. Everycoursewillbeassessed fora weightof 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed. |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. CourseNotes<br>2. ReferenceBooksintheLibrary<br>3. MagazinesandJournals<br>4. InternetFacility<br>5. ComputingFacility<br>6. LaboratoryFacility<br>7. WorkshopFacility<br>8. Staff Support<br>9. LoungesforDiscussions<br>10. Anyother supportthat enhances theirlearning |
| 25 | **Quality Control Measures**<br>1. Reviewof CourseNotes<br>2. ReviewofQuestionPapersandAssignmentQuestions<br>3. Student Feedback<br>4. Moderationof Assessed Work<br>5. Opportunitiesforstudentstoseetheir assessed work<br>6. Reviewbyexternalexaminersand externalexaminersreports<br>7. Staff Student ConsultativeCommitteemeetings<br>8. Student exitfeedback<br>9. CourseAssessment Board (CAB)<br>10. ProgrammeAssessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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## B.Sc.,-Bachelor of Science

## (Majors- Chemistry and Botany

## Minor: Computer Science/Zoology/Statistics/Ecology)

## PROGRAM DETAILS

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|---|---|
| **Faculty** | Basic and Applied Sciences (FBAS) |
| **School** | School of Chemical and Biological Sciences |
| **Program** | B.Sc., (Major-Chemistry and Botany) |
| **Dean of Faculty** | Dr.SanthoshB M |
| **Director of School** | Mrs.SavithaP. H. |

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| 1 | **Title of the Award** | B.Sc., (Major- Chemistry and Botany) |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | November -2023 |
| 8 | **Next Review Date:** | November -2024 |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Science program with a major in Chemistry and Botany offers a comprehensive and interdisciplinary education that combines the principles of chemistry with the study of plant life. This program is designed to provide students with a robust foundation in both disciplines, fostering a holistic understanding of the chemical processes governing plant biology.<br>Core courses in chemistry cover fundamental principles, including organic, inorganic, physical and analytical chemistry, while botany courses encompass plant anatomy, physiology, | |

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| | taxonomy, and ecology. This integration allows students to explore the chemical interactions within plant systems, addressing questions related to plant growth, development, and adaptation.<br>Hands-on laboratory work is emphasized, providing students with practical skills in chemical analysis, experimentation, and plant-based investigations. Elective courses offer flexibility, enabling students to tailor their education to specific interests such as environmental chemistry, medicinal plants, or biochemistry.<br>Fieldwork and research opportunities are integrated into the program, allowing students to apply theoretical knowledge in real-world settings and contribute to scientific inquiry. Graduates are well-prepared for diverse career paths, including research, environmental science, conservation, and various sectors related to plant-based industries.<br>The Bachelor of Science program with a major in Chemistry and Botany aims to produce graduates with a strong foundation in both chemical and biological sciences, capable of understanding and addressing the complex interactions between plants and their chemical environments. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Comprehensive Scientific Knowledge:**<br>Graduates of the program will possess a comprehensive understanding of fundamental concepts in basic sciences, including physics, chemistry, biology, and mathematics. They will demonstrate proficiency in core theories, methodologies, and experimental techniques across these disciplines.<br>2. **Critical Thinking and Inquiry Skills:**<br>Program graduates will develop and apply critical thinking and inquiry skills to analyse and solve complex problems in basic sciences. They will be capable of formulating research questions, designing experiments, and interpreting results, fostering a spirit of curiosity and scientific inquiry.<br>3. **Interdisciplinary Application:**<br>Graduates will excel in applying their knowledge across multiple scientific domains, recognizing the interdisciplinary nature of scientific challenges. They will demonstrate the ability to integrate concepts from different disciplines to address real-world problems, preparing them for diverse career paths and advanced studies in various scientific fields. |
| 16 | **Program Outcomes (POs):**<br>1. **Foundational Knowledge:**<br>Graduates will possess a solid understanding of foundational concepts in the basic |

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| | sciences, including physics, chemistry, biology, and mathematics.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate critical thinking and problem-solving skills, applying scientific methodologies to analyse and solve complex problems in diverse scientific domains.<br>3. **Laboratory Proficiency:**<br>Graduates will have practical laboratory skills, including experimental design, data collection, and analysis, enabling them to conduct scientific investigations effectively.<br>4. **Scientific Communication:**<br>Graduates will communicate scientific ideas clearly and effectively, both in written and oral formats, demonstrating the ability to convey complex concepts to both scientific and non-scientific audiences.<br>5. **Interdisciplinary Integration:**<br>Graduates will excel in integrating knowledge across multiple scientific disciplines, recognizing and leveraging the interconnectedness of various fields to address complex real-world challenges.<br>6. **Quantitative and Computational Skills:**<br>Graduates will be proficient in quantitative and computational methods, using mathematical tools and computer-based techniques to model and analyse scientific phenomena.<br>7. **Ethical and Responsible Conduct:**<br>Graduates will adhere to high ethical standards in scientific inquiry, demonstrating integrity, responsibility, and ethical behaviour in their research and professional practices.<br>8. **Research Readiness:**<br>Graduates will be prepared for further studies or research endeavours, having engaged in independent or collaborative research projects that demonstrate their ability to contribute to the advancement of scientific knowledge. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Botanical and Chemical Proficiency:**<br>Graduates will demonstrate proficiency in both botany and chemistry, showcasing a deep understanding of plant anatomy, physiology, taxonomy, and ecology alongside a strong foundation in chemical principles. They will apply this interdisciplinary knowledge to analyse and address complex challenges at the interface of chemistry |

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| | and botany.<br>2. **Laboratory and Experimental Skills:**<br>Graduates will possess advanced laboratory and experimental skills, including the ability to design and conduct experiments in both botanical and chemical contexts. They will demonstrate competence in utilizing state-of-the-art instrumentation, collecting and analysing data, and drawing meaningful conclusions.<br>3. **Environmental and Applied Sciences Application:**<br>Graduates will apply their knowledge to environmental and applied sciences, showcasing the ability to address real-world issues related to plant life and chemical interactions. They will contribute to research, conservation efforts, and applications in industries such as agriculture, pharmaceuticals, or environmental management. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program –Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **100/130+30=130/160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Siri-1<br>Katha Saritha | 2 |
| 2 | UL24FHE12 | English Insight-1 | 2 |
| 3 | UB24CB1104 | Fundamentals of chemistry | 3 |
| 4 | UB24CB1105 | Microbes and microbial diversity | 3 |
| 5 | UB24CB1106 | Trimetric analysis lab | 2 |
| 6 | UB24CB1107 | Microbes and microbial diversity lab | 2 |
| 7 | <br>UB24CB1108<br>UB24CB1109<br>UB24CB1110<br>UB24CB1111 | Minor course-1 (any one)<br>Programming in C<br>Descriptive Statistics<br>Ecology and Ecosystem<br>Diversity of Invertebrates and agricultural pests | 3 |
| 8 | U24TS01 | Technical Skills | 0 |
| 9 | U24LS02 | Life Skills | 0 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | U24CL06 | Cultural & Literary Activities | 01 |
| 14 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | U24PT08 | Placement Training | 0 |
| Total | | | 18 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK21<br>UL24FHH23 | Kannada Siri-2 (Kannada)<br>Katha Sourabha (Hindi) | 2 |
| 2 | UL24FHE22 | Insight-2 (English) | 2 |
| 3 | UB24CB1204 | General concepts in chemistry | 3 |
| 4 | UB24CB1205 | Diversity and conservation of cryptogams and Phanerogams | 3 |
| 5 | UB24CB1206 | Qualitative analysis of bi-functional organic compounds | 2 |
| 6 | UB24CB1207 | Diversity and conservation of cryptogams and Phanerogams lab | 2 |
| 7 | <br>UB24CB1208<br>UB24CB1209<br>UB24CB1210<br>UB24CB1211 | Minor course-2 (any one)<br>Data Structure using C<br>Probability and Probability Distribution<br>Behavioural Ecology<br>Diversity of vertebrates and economic zoology | 3 |
| 8 | U24TS01 | Technical Skills | 02 |
| 9 | U24LS02 | Life Skills | 01 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | U24CL06 | Cultural & Literary Activities | 00 |
| 14 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15 | U24PT08 | Placement Training | 00 |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CB2301 | Selected topics in chemistry (principles and practices) | 3 |
| 2 | UB24CB2302 | Phytotomy developmental and reproductive biology | 3 |
| 3 | UB24CB2303 | Qualitative analysis of inorganic salt mixture | 2 |
| 4 | UB24CB2304 | Phytotomy developmental and reproductive biology lab | 2 |
| 5 | <br>UB24CB2305<br>UB24CB2306<br>UB24CB2307<br>UB24CB2308 | Minor course-3 (any one)<br>Database System Concept<br>Calculus and Probability Distribution<br>Conservational Ecology<br>Cell biology and Immunology | 3 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CB2401 | Industrial and Physio-organic chemistry | 3 |
| 2 | UB24CB2402 | Bionomics | 3 |
| 3 | UB24CB2403 | Non-instrumental quantitative analysis | 2 |
| 4 | UB24CB2404 | Bionomics lab | 2 |
| 5 | <br>UB24CB2405<br>UB24CB2406<br>UB24CB2407<br>UB24CB2408 | Minor course-4 (any one)<br>Object oriented programming in Java<br>Statistical Inference -I<br>Restoration Ecology<br>Biochemistry and Animal physiology | 3 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 01 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | 21 |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CB3501 | Modern concepts of chemistry | 03 |
| 2 | UB24CB3502 | Biomolecules and coordination chemistry | 03 |
| 3 | UB24CB3503 | Flora taxonomy | 03 |
| 4 | UB24CB3504 | Cytology and Genetics | 03 |
| 5 | UB24CB3505 | Quantitative analysis- Gravimetric and Volumetric | 02 |
| 6 | UB24CB3506 | Organic synthesis (single and double step) | 02 |
| 7 | UB24CB3507 | Flora taxonomy lab | 02 |
| 8 | UB24CB3508 | Cytology and Genetics lab | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | U24CL06 | Cultural & Literary Activities | 00 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | U24PT08 | Placement Training | 01 |
| Total | | | 25 |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CB3601 | Advanced chemistry and spectroscopy | 03 |
| 2 | UB24CB3602 | Comprehensive study of chemistry (polymers, natural products and quantum chemistry) | 03 |
| 3 | UB24CB3603 | phytophysiology | 03 |
| 4 | UB24CB3604 | Phyto-Biotechnology and Economic Botany | 03 |
| 5 | UB24CB3605 | Instrumental analysis of physical chemistry | 02 |
| 6 | UB24CB3606 | Qualitative and Quantitative analysis | 02 |
| 7 | UB24CB3607 | phytophysiology lab | 02 |
| 8 | UB24CB3608 | Phyto-Biotechnology and Economic Botany lab | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 16 | U24PT08 | Placement Training | 00 |
| Total | | | 25 |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CB4701 | Project major-1 | 10 |
| 2 | UB24CB4702 | Internship | 3 |
| 3 | UB24CB4703 | Research methodology | 2 |
| 4 | U24TS01 | Technical Skills | 00 |
| 5 | U24LS02 | Life Skills | 00 |
| 6 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U24CL06 | Cultural & Literary Activities | 00 |
| 10 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CB4801 | Dissertation | 10 |
| 2 | UB24CB4802 | Research Paper presentation (oral/ poster presentation in national and international conference) | 5 |
| 3 | U24TS01 | Technical Skills | 00 |
| 4 | U24LS02 | Life Skills | 00 |
| 5 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8 | U24CL06 | Cultural & Literary Activities | 00 |
| 9 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

List of minor courses offered

- Computer Science
- Zoology
- Statistics
- Ecology

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |

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| 20 | **Teaching and Learning Methods**<br>1. FacetoFaceLecturesusingAudio-Visuals<br>2. Laboratorywork/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. GroupExercises/Assignments<br>6. Demonstrations<br>7. GuestLectures<br>8. IndustryVisit<br>9. Workshops,GroupDiscussions,Debates,Presentations<br>10. Project Work<br>11. ProjectExhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimumof85%attendanceis essential toappear forsemesterendexaminations. Condoningof attendanceshortageisas pertheAcademic RegulationsofB.Sc.,Programme. |
| 22 | **Assessment and Grading**<br>1. Everycoursewillbeassessed fora weightof 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. CourseNotes<br>2. ReferenceBooksintheLibrary<br>3. MagazinesandJournals<br>4. InternetFacility<br>5. ComputingFacility<br>6. LaboratoryFacility<br>7. WorkshopFacility<br>8. Staff Support<br>9. LoungesforDiscussions<br>10. Anyother supportthat enhances theirlearning |
| 25 | **Quality Control Measures**<br>1. Reviewof CourseNotes<br>2. ReviewofQuestionPapersandAssignmentQuestions<br>3. Student Feedback<br>4. Moderationof Assessed Work<br>5. Opportunitiesforstudentstoseetheir assessed work<br>6. Reviewbyexternalexaminersand externalexaminersreports<br>7. Staff Student ConsultativeCommitteemeetings<br>8. Student exitfeedback<br>9. CourseAssessment Board (CAB)<br>10. ProgrammeAssessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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## B.Sc.,-Bachelor of Science

## (Majors- Chemistry and Computer Science

## Minor: Physics/Mathematics/Statistics/Economics)

## PROGRAM DETAILS

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|---|---|
| **Faculty** | Basic and Applied Sciences (FBAS) |
| **School** | School of Chemical and Biological Sciences (SCBS) |
| **Program** | B.Sc., (Major- Chemistry and Computer Science) |
| **Dean of Faculty** | Dr.Santhosh. B. M. |
| **Director of School** | Mrs.SavithaP. H. |

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|---|---|---|
| 1 | **Title of the Award** | B.Sc., (Major-Chemistry and Computer Science) |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | November -2023 |
| 8 | **Next Review Date:** | November -2024 |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor's program in science with majors in Chemistry and Computer Science provides students with a comprehensive and interdisciplinary education, combining the principles of chemistry with the computational skills of computer science. This program is designed to equip students with a solid foundation in both disciplines, fostering a unique skill set that is increasingly valuable in today's technologically driven scientific landscape. | |

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| | The curriculum integrates core courses in chemistry, covering organic, inorganic, physical, and analytical chemistry, with foundational courses in computer science, including programming, algorithms, and data structures. Students will engage in hands-on laboratory work in chemistry, gaining practical skills in experimental design, analysis, and instrumentation. Concurrently, they will develop computational proficiency to model, simulate, and analyse chemical phenomena.<br>Elective courses allow students to tailor their education, exploring specialized areas at the intersection of chemistry and computer science such as computational chemistry, bioinformatics, or cheminformatics. The program places a strong emphasis on critical thinking, problem-solving, and collaborative research, preparing graduates for diverse career paths in research, industry, and technology sectors where expertise in both chemistry and computer science is highly sought after.<br>The capstone project provides an opportunity for students to integrate their knowledge and skills, working on projects that bridge the gap between chemistry and computer science. Graduates will emerge with a unique and versatile skill set, well-prepared to contribute to the evolving landscape of scientific discovery and technological innovation. The Bachelor's program in Science with majors in Chemistry and Computer Science aims to produce professionals who can leverage computational approaches to advance research and applications in the field of chemistry. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Comprehensive Scientific Knowledge:**<br>Graduates of the program will possess a comprehensive understanding of fundamental concepts in basic sciences, including physics, chemistry, biology, and mathematics. They will demonstrate proficiency in core theories, methodologies, and experimental techniques across these disciplines.<br>2. **Critical Thinking and Inquiry Skills:**<br>Program graduates will develop and apply critical thinking and inquiry skills to analyse and solve complex problems in basic sciences. They will be capable of formulating research questions, designing experiments, and interpreting results, fostering a spirit of curiosity and scientific inquiry.<br>3. **Interdisciplinary Application:**<br>Graduates will excel in applying their knowledge across multiple scientific domains, recognizing the interdisciplinary nature of scientific challenges. They will demonstrate the ability to integrate concepts from different disciplines to address real-world problems, preparing them for diverse career paths and advanced studies in various |

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| | scientific fields. |
| 16 | **Program Outcomes (POs):**<br>1. **Foundational Knowledge:**<br>Graduates will possess a solid understanding of foundational concepts in the basic sciences, including physics, chemistry, biology, and mathematics.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate critical thinking and problem-solving skills, applying scientific methodologies to analyse and solve complex problems in diverse scientific domains.<br>3. **Laboratory Proficiency:**<br>Graduates will have practical laboratory skills, including experimental design, data collection, and analysis, enabling them to conduct scientific investigations effectively.<br>4. **Scientific Communication:**<br>Graduates will communicate scientific ideas clearly and effectively, both in written and oral formats, demonstrating the ability to convey complex concepts to both scientific and non-scientific audiences.<br>5. **Interdisciplinary Integration:**<br>Graduates will excel in integrating knowledge across multiple scientific disciplines, recognizing and leveraging the interconnectedness of various fields to address complex real-world challenges.<br>6. **Quantitative and Computational Skills:**<br>Graduates will be proficient in quantitative and computational methods, using mathematical tools and computer-based techniques to model and analyse scientific phenomena.<br>7. **Ethical and Responsible Conduct:**<br>Graduates will adhere to high ethical standards in scientific inquiry, demonstrating integrity, responsibility, and ethical behaviour in their research and professional practices.<br>8. **Research Readiness:**<br>Graduates will be prepared for further studies or research endeavours, having engaged in independent or collaborative research projects that demonstrate their ability to contribute to the advancement of scientific knowledge. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Integrated Knowledge and Proficiency:** |

| | |
|---|---|
| | Graduates of the program will possess integrated knowledge and proficiency in both chemistry and computer science, showcasing a deep understanding of foundational principles, methodologies, and experimental techniques in each discipline. They will be equipped to apply this interdisciplinary knowledge to address complex challenges at the intersection of chemistry and computer science.<br>2. **Computational Problem-Solving Skills:**<br>Program graduates will develop advanced computational problem-solving skills, applying algorithms, data structures, and modelling techniques to analyse and simulate chemical phenomena. They will demonstrate proficiency in leveraging computational tools to enhance research methodologies and advance solutions to complex problems in chemistry.<br>3. **Interdisciplinary Collaboration:**<br>Graduates will excel in interdisciplinary collaboration, showcasing the ability to work seamlessly across the fields of chemistry and computer science. They will be effective team members, contributing to collaborative research efforts and applications that leverage insights from both disciplines, fostering innovation and addressing multifaceted scientific challenges. |

**Programme Structure**

**A. Definition of Credit**:

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl.No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **100/130+30=130/160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Siri-1<br>Katha Saritha | 2 |
| 2 | UL24FHE12 | English Insight-1 | 2 |
| 3 | UB24CD1104 | Fundamentals of chemistry | 3 |
| 4 | UB24CD1105 | Programming in C | 3 |
| 5 | UB24CD1106 | Trimetric analysis lab | 2 |
| 6 | UB24CD1107 | C Programming Lab | 2 |
| 7 | <br>UB24CD1108<br>UB24CD1109<br>UB24CD1110<br>UB24CD1111 | Minor course-1 (any one)<br>Descriptive Statistics<br>Indian Economy-1<br>Mechanics and Properties of Matter<br>Algebra and Calculus-1 | 3 |
| 8 | U24TS01 | Technical Skills | 0 |
| 9 | U24LS02 | Life Skills | 0 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | U24CL06 | Cultural & Literary Activities | 01 |
| 14 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | U24PT08 | Placement Training | 0 |
| Total | | | 18 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK21<br>UL24FHH23 | Kannada Siri-2 (Kannada)<br>Katha Sourabha (Hindi) | 2 |
| 2 | UL24FHE22 | Insight-2 (English) | 2 |
| 3 | UB24CD1204 | General concepts in chemistry | 3 |
| 4 | UB24CD1205 | Data Structure using C | 3 |
| 5 | UB24CD1206 | Qualitative analysis of bi-functional organic compounds | 2 |
| 6 | UB24CD1207 | Data structure lab | 2 |
| 7 | <br>UB24CD1208<br>UB24CD1209<br>UB24CD1210<br>UB24CD1211 | Minor course-2 (any one)<br>Probability and Probability Distribution<br>Indian Economy-2<br>Electricity and magnetism<br>Algebra and Calculus-2 | 3 |
| 8 | U24TS01 | Technical Skills | 02 |
| 9 | U24LS02 | Life Skills | 01 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | U24CL06 | Cultural & Literary Activities | 00 |
| 14 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15 | U24PT08 | Placement Training | 00 |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CD2301 | Selected topics in chemistry (principles and practices) | 3 |
| 2 | UB24CD2302 | Database System Concept | 3 |
| 3 | UB24CD2303 | Qualitative analysis of inorganic salt mixture | 2 |
| 4 | UB24CD2304 | Database System Lab | 2 |
| 5 | <br>UB24CD2305<br>UB24CD2306<br>UB24CD2307<br>UB24CD2308 | Minor course-3 (any one)<br>Calculus and Probability Distribution<br>Entrepreneurial Economics<br>Wave motion and optics<br>Ordinary Differential equations and Real analysis | 3 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CD2401 | Industrial and Physio-organic chemistry | 3 |
| 2 | UB24CD2402 | Object oriented programming in Java | 3 |
| 3 | UB24CD2403 | Non-instrumental quantitative analysis | 2 |
| 4 | UB24CD2404 | Java Lab | 2 |
| 5 | <br>UB24CD2405<br>UB24CD2406<br>UB24CD2407<br>UB24CD2408 | Minor course-4 (any one)<br>Statistical Inference -I<br>Managerial Economics<br>Thermal physics and electronics<br>Partial Differential equations and IntegralTransform | 3 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 01 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | 21 |

| Semester-5 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CD3501 | Modern concepts of chemistry | 3 |
| 2 | UB24CD3502 | Biomolecules and coordination chemistry | 3 |
| 3 | UB24CD3503 | Operating system and Networking | 3 |
| 4 | UB24CD3504 | Python programming | 3 |
| 5 | UB24CD3505 | Quantitative analysis- Gravimetric and Volumetric | 2 |
| 6 | UB24CD3506 | Organic synthesis (single and double step) | 2 |
| 7 | UB24CD3507 | Operating system and Networking lab | 2 |
| 8 | UB24CD3508 | Python programming lab | 2 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | U24CL06 | Cultural & Literary Activities | 00 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | U24PT08 | Placement Training | 01 |
| Total | | | 25 |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CD3601 | Advanced chemistry and spectroscopy | 03 |
| 2 | UB24CD3602 | Comprehensive study of chemistry (polymers, natural products and quantum chemistry) | 03 |
| 3 | UB24CD3603 | C# and dot Net Framework | 03 |
| 4 | UB24CD3604 | Software Engineering | 03 |
| 5 | UB24CD3605 | Instrumental analysis of physical chemistry | 02 |
| 6 | UB24CD3606 | Qualitative and Quantitative analysis | 02 |
| 7 | UB24CD3607 | C# and dot Net Framework | 02 |
| 8 | UB24CD3608 | Mini project work | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 16 | U24PT08 | Placement Training | 00 |
| Total | | | 25 |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CD4701 | Project major-1 | 10 |
| 2 | UB24CD4702 | Internship | 3 |
| 3 | UB24CD4703 | Research methodology | 2 |
| 4 | U24TS01 | Technical Skills | 00 |
| 5 | U24LS02 | Life Skills | 00 |
| 6 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U24CL06 | Cultural & Literary Activities | 00 |
| 10 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24CD4801 | Dissertation | 10 |
| 2 | UB24CD4802 | Research Paper presentation (oral/ poster presentation in national and international conference) | 5 |
| 3 | U24TS01 | Technical Skills | 00 |
| 4 | U24LS02 | Life Skills | 00 |
| 5 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8 | U24CL06 | Cultural & Literary Activities | 00 |
| 9 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

List of minor courses offered

- Physics
- Mathematics
- Statistics
- Economics

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |

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| 20 | **Teaching and Learning Methods**<br>1. FacetoFaceLecturesusingAudio-Visuals<br>2. Laboratorywork/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. GroupExercises/Assignments<br>6. Demonstrations<br>7. GuestLectures<br>8. IndustryVisit<br>9. Workshops,GroupDiscussions,Debates,Presentations<br>10. Project Work<br>11. ProjectExhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimumof85%attendanceis essential toappearforsemesterendexaminations. CondoningofattendanceshortageisapertheAcademicRegulationsofB.Sc.,Programme. |
| 22 | **Assessment and Grading**<br>1. Everycoursewillbeassessed fora weightof100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. CourseNotes<br>2. ReferenceBooksintheLibrary<br>3. MagazinesandJournals<br>4. InternetFacility<br>5. ComputingFacility<br>6. LaboratoryFacility<br>7. WorkshopFacility<br>8. Staff Support<br>9. LoungesforDiscussions<br>10. Anyothersupportthatenhancestheirlearning |
| 25 | **Quality Control Measures**<br>1. Reviewof CourseNotes<br>2. ReviewofQuestionPapersandAssignmentQuestions<br>3. Student Feedback<br>4. Moderationof Assessed Work<br>5. Opportunitiesforstudentstoseetheir assessed work<br>6. Reviewbyexternalexaminersandexternalexaminersreports<br>7. Staff Student ConsultativeCommitteemeetings<br>8. Student exitfeedback<br>9. CourseAssessmentBoard (CAB)<br>10. ProgrammeAssessmentBoard (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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## B.Sc.,-Bachelor of Science

## (Majors- Physicsand Chemistry

## Minor: CS/Mathematics/Statistics/Economics)

## PROGRAM DETAILS

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|---|---|
| **Faculty** | Basic and Applied Sciences (FBAS) |
| **School** | School of Chemical and Biological Sciences (SCBS) |
| **Program** | B.Sc., (Major-Physics and Chemistry) |
| **Dean of Faculty** | Dr. Santhosh. B. M. |
| **Director of School** | Mrs. Savitha P. H. |

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|---|---|---|
| 1 | **Title of the Award** | B.Sc., (Major-Physics and Chemistry) |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | November -2023 |
| 8 | **Next Review Date:** | November -2024 |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor's program in science with majors in Physics and Chemistry offers a comprehensive and interdisciplinary education, providing students with a strong foundation in the fundamental principles of both disciplines. The curriculum integrates core courses in physics and chemistry, covering classical mechanics, electromagnetism, quantum mechanics, organic and inorganic chemistry, and experimental techniques. Students will engage in hands-on laboratory work, gaining practical skills in experimental design, data analysis, and scientific inquiry. | |

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| | The program emphasizes the interconnectedness of physics and chemistry, allowing students to explore the complementary nature of these disciplines. Elective courses provide flexibility for students to tailor their education, delving into specialized areas such as physical chemistry, materials science, or interdisciplinary fields at the intersection of physics and chemistry.<br>Through a capstone project, students have the opportunity to apply their knowledge to real-world challenges, fostering critical thinking and problem-solving skills. Graduates are well-prepared for diverse career paths, including research, industry, education, and technology sectors. The Bachelor's program in Science with majors in Physics and Chemistry aims to produce well-rounded professionals equipped with a deep understanding of the principles governing the physical and chemical realms. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Comprehensive Scientific Knowledge:**<br>Graduates of the program will possess a comprehensive understanding of fundamental concepts in basic sciences, including physics, chemistry, biology, and mathematics. They will demonstrate proficiency in core theories, methodologies, and experimental techniques across these disciplines.<br>2. **Critical Thinking and Inquiry Skills:**<br>Program graduates will develop and apply critical thinking and inquiry skills to analyse and solve complex problems in basic sciences. They will be capable of formulating research questions, designing experiments, and interpreting results, fostering a spirit of curiosity and scientific inquiry.<br>3. **Interdisciplinary Application:**<br>Graduates will excel in applying their knowledge across multiple scientific domains, recognizing the interdisciplinary nature of scientific challenges. They will demonstrate the ability to integrate concepts from different disciplines to address real-world problems, preparing them for diverse career paths and advanced studies in various scientific fields. |
| 16 | **Program Outcomes (POs):**<br>1. **Foundational Knowledge:**<br>Graduates will possess a solid understanding of foundational concepts in the basic sciences, including physics, chemistry, biology, and mathematics.<br>2. **Critical Thinking and Problem-Solving:**<br>Graduates will demonstrate critical thinking and problem-solving skills, applying |

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| | scientific methodologies to analyse and solve complex problems in diverse scientific domains.<br>3. **Laboratory Proficiency:**<br>Graduates will have practical laboratory skills, including experimental design, data collection, and analysis, enabling them to conduct scientific investigations effectively.<br>4. **Scientific Communication:**<br>Graduates will communicate scientific ideas clearly and effectively, both in written and oral formats, demonstrating the ability to convey complex concepts to both scientific and non-scientific audiences.<br>5. **Interdisciplinary Integration:**<br>Graduates will excel in integrating knowledge across multiple scientific disciplines, recognizing and leveraging the interconnectedness of various fields to address complex real-world challenges.<br>6. **Quantitative and Computational Skills:**<br>Graduates will be proficient in quantitative and computational methods, using mathematical tools and computer-based techniques to model and analyse scientific phenomena.<br>7. **Ethical and Responsible Conduct:**<br>Graduates will adhere to high ethical standards in scientific inquiry, demonstrating integrity, responsibility, and ethical behaviour in their research and professional practices.<br>8. **Research Readiness:**<br>Graduates will be prepared for further studies or research endeavours, having engaged in independent or collaborative research projects that demonstrate their ability to contribute to the advancement of scientific knowledge. |
| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Experimental Proficiency:**<br>Graduates will demonstrate advanced experimental proficiency in both physics and chemistry, including the ability to design and conduct experiments, analyze data, and draw meaningful conclusions. They will showcase hands-on skills in laboratory techniques and instrumentation relevant to both disciplines.<br>2. **Interdisciplinary Research Application:**<br>Graduates will apply their knowledge in physics and chemistry to interdisciplinary research contexts. They will showcase the ability to bridge the gap between the two |

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| | disciplines, contributing to collaborative research efforts and addressing complex problems that require an integrated approach.<br>3. **Effective Communication of Scientific Ideas:**<br>Graduates will communicate scientific ideas effectively to both specialized and non-specialized audiences. They will demonstrate proficiency in conveying complex concepts, methodologies, and research findings in physics and chemistry through written reports, oral presentations, and other communication formats. |

**Programme Structure**

**A. Definition of Credit:**

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|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program –Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| **Total** | | **100/130+30=130/160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Siri-1<br>Katha Saritha | 2 |
| 2 | UL24FHE12 | English Insight-1 | 2 |
| 3 | UB24PC1104 | Mechanics and Properties of Matter | 3 |
| 4 | UB24PC1105 | Fundamentals of chemistry | 3 |
| 5 | UB24PC1106 | Mechanics Lab | 2 |
| 6 | UB24PC1107 | Trimetric analysis lab | 2 |
| 7 | <br>UB24PC1108<br>UB24PC1109<br>UB24PC1110<br>UB24PC1111 | Minor course-1 (any one)<br>Programming in C<br>Descriptive Statistics<br>Indian Economy-1<br>Algebra and Calculus-1 | 3 |
| 8 | U24TS01 | Technical Skills | 0 |
| 9 | U24LS02 | Life Skills | 0 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | U24CL06 | Cultural & Literary Activities | 01 |
| 14 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | U24PT08 | Placement Training | 0 |
| Total | | | 18 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK21<br>UL24FHH23 | Kannada Siri-2 (Kannada)<br>Katha Sourabha (Hindi) | 2 |
| 2 | UL24FHE22 | Insight-2 (English) | 2 |
| 3 | UB24PC1204 | Electricity and Magnetism | 3 |
| 4 | UB24PC1205 | General concepts in chemistry | 3 |
| 5 | UB24PC1206 | Electronics lab | 2 |
| 6 | UB24PC1207 | Qualitative analysis of bi-functional organic compounds | 2 |
| 7 | <br>UB24PC1208<br>UB24PC1209<br>UB24PC1210<br>UB24PC1211 | Minor course-2 (any one)<br>Data Structure using C<br>Probability and Probability Distribution<br>Indian Economy-2<br>Algebra and Calculus-2 | 3 |
| 8 | U24TS01 | Technical Skills | 02 |
| 9 | U24LS02 | Life Skills | 01 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | U24CL06 | Cultural & Literary Activities | 00 |
| 14 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15 | U24PT08 | Placement Training | 00 |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24PC2301 | Wave motion and optics | 3 |
| 2 | UB24PC2302 | Selected topics in chemistry (principles and practices) | 3 |
| 3 | UB24PC2303 | Optics Lab-1 | 2 |
| 4 | UB24PC2304 | Qualitative analysis of inorganic salt mixture | 2 |
| 5 | <br>UB24PC2305<br>UB24PC2306<br>UB24PC2307<br>UB24PC2308 | Minor course-3 (any one)<br>Database System Concept<br>Calculus and Probability Distribution<br>Entrepreneurial Economics<br>Ordinary Differential equations and Real analysis | 3 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24PC2401 | Thermal physics and electronics | 3 |
| 2 | UB24PC2402 | Industrial and Physio-organic chemistry | 3 |
| 3 | UB24PC2403 | Thermal physics lab | 2 |
| 4 | UB24PC2404 | Non-instrumental quantitative analysis | 2 |
| 5 | <br>UB24PC2405<br>UB24PC2406<br>UB24PC2407<br>UB24PC2408 | Minor course-4 (any one)<br>Object oriented programming in Java<br>Statistical Inference -I<br>Managerial Economics<br>Partial Differential equations and IntegralTransform | 3 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 01 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | 21 |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24PC3501 | Classical mechanics and quantum mechanics -1 | 03 |
| 2 | UB24PC3502 | Elements of atomic and molecular physics | 03 |
| 3 | UB24PC3503 | Modern concepts of chemistry | 03 |
| 4 | UB24PC3504 | Biomolecules and coordination chemistry | 03 |
| 5 | UB24PC3505 | Electronics Lab-2 | 02 |
| 6 | UB24PC3506 | Optics Lab-2 | 02 |
| 7 | UB24PC3507 | Quantitative analysis- Gravimetric and Volumetric | 02 |
| 8 | UB24PC3508 | Organic synthesis (single and double step) | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | U24CL06 | Cultural & Literary Activities | 00 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | U24PT08 | Placement Training | 01 |
| Total | | | 25 |

| Semester-6 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24PC3601 | Elements of nuclear physics and nuclear instruments | 03 |
| 2 | UB24PC3602 | Elements of condensed matter physics | 03 |
| 3 | UB24PC3603 | Advanced chemistry and spectroscopy | 03 |
| 4 | UB24PC3604 | Comprehensive study of chemistry (polymers, natural products and quantum chemistry) | 03 |
| 5 | UB24PC3605 | Nuclear Physics Lab | 02 |
| 6 | UB24PC3606 | Spectroscopy Lab | 02 |
| 7 | UB24PC3607 | Instrumental analysis of physical chemistry | 02 |
| 8 | UB24PC3608 | Qualitative and Quantitative analysis | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 16 | U24PT08 | Placement Training | 00 |
| Total | | | 25 |

| Semester-7 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24PC4701 | Project major-1 | 10 |
| 2 | UB24PC4702 | Internship | 3 |
| 3 | UB24PC4703 | Research methodology | 2 |
| 4 | U24TS01 | Technical Skills | 00 |
| 5 | U24LS02 | Life Skills | 00 |
| 6 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U24CL06 | Cultural & Literary Activities | 00 |
| 10 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

| Semester-8 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24PC4801 | Dissertation | 10 |
| 2 | UB24PC4802 | Research Paper presentation (oral/ poster presentation in national and international conference) | 5 |
| 3 | U24TS01 | Technical Skills | 00 |
| 4 | U24LS02 | Life Skills | 00 |
| 5 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8 | U24CL06 | Cultural & Literary Activities | 00 |
| 9 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

List of minor courses offered

- Computer Science
- Zoology
- Statistics
- Economics

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |

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| 20 | **Teaching and Learning Methods**<br>1. FacetoFaceLecturesusingAudio-Visuals<br>2. Laboratorywork/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. GroupExercises/Assignments<br>6. Demonstrations<br>7. GuestLectures<br>8. IndustryVisit<br>9. Workshops,GroupDiscussions,Debates,Presentations<br>10. Project Work<br>11. ProjectExhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimumof85%attendanceis essential toappear forsemesterendexaminations. Condoningof attendanceshortageisas pertheAcademic RegulationsofB.Sc.,Programme. |
| 22 | **Assessment and Grading**<br>1. Everycoursewillbeassessed fora weightof 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. CourseNotes<br>2. ReferenceBooksintheLibrary<br>3. MagazinesandJournals<br>4. InternetFacility<br>5. ComputingFacility<br>6. LaboratoryFacility<br>7. WorkshopFacility<br>8. Staff Support<br>9. LoungesforDiscussions<br>10. Anyother supportthat enhances theirlearning |
| 25 | **Quality Control Measures**<br>1. Reviewof CourseNotes<br>2. ReviewofQuestionPapersandAssignmentQuestions<br>3. Student Feedback<br>4. Moderationof Assessed Work<br>5. Opportunitiesforstudentstoseetheir assessed work<br>6. Reviewbyexternalexaminersand externalexaminersreports<br>7. Staff Student ConsultativeCommitteemeetings<br>8. Student exitfeedback<br>9. CourseAssessment Board (CAB)<br>10. ProgrammeAssessment Board (PAB) |

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| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. CourseNotes<br>2. ReferenceBooksintheLibrary<br>3. MagazinesandJournals<br>4. InternetFacility<br>5. ComputingFacility<br>6. LaboratoryFacility<br>7. WorkshopFacility<br>8. Staff Support<br>9. LoungesforDiscussions<br>10. Anyother supportthat enhances theirlearning |
| 25 | **Quality Control Measures**<br>1. Reviewof CourseNotes<br>2. ReviewofQuestionPapersandAssignmentQuestions<br>3. Student Feedback<br>4. Moderationof Assessed Work<br>5. Opportunitiesforstudentstoseetheir assessed work<br>6. Reviewbyexternalexaminersand externalexaminersreports<br>7. Staff Student ConsultativeCommitteemeetings<br>8. Student exitfeedback<br>9. CourseAssessment Board (CAB)<br>10. ProgrammeAssessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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# BSc. -Bachelor of Science

# (Majors- Mathematics and Computer Science

# Minor: Physics/Statistics/Economics/Chemistry)

# PROGRAM DETAILS

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| **Faculty** | Basic and Applied Sciences |
| **School** | School of Mathematical and Physical Sciences (SMPS) |
| **Program** | BSc (Major-Mathematics and Computer Science) |
| **Dean of Faculty** | Dr. B. M. Santhosh |
| **Director of School** | Dr. Onkarappa K S |

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| 1 | **Title of the Award** | BSc (Mathematics and Computer Science) |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | November - 2024 |
| 8 | **Next Review Date:** | November -2025 |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Science program with majors in Mathematics and Computer Science is a dynamic and interdisciplinary course that merges the principles of mathematics and computer science. This program equips students with a solid foundation in calculus, linear algebra, and discrete mathematics alongside core computer science subjects like | |

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| | programming, data structures, and computer architecture. Students have the flexibility to delve into advanced mathematics topics such as abstract algebra and real analysis, while also gaining expertise in software engineering, database systems, and operating systems. The curriculum culminates in a capstone project where students apply their knowledge to real-world challenges, showcasing their problem-solving skills. Graduates are prepared for diverse career paths in software development, data analysis, and systems administration. The program also emphasizes research opportunities, encouraging students to engage in projects that contribute to the fields of mathematics and computer science. With a focus on both theoretical understanding and practical application, this program prepares students for success in a rapidly evolving technological landscape. |
| 15 | **Program Educational Objectives (PEOs) :**<br>**1. Professional Excellence:**<br>Graduates of the Bachelor's program in Science with majors in Mathematics and Computer Science will demonstrate professional excellence by applying mathematical and computational principles to analyze and solve complex problems in various domains. They will exhibit proficiency in designing, implementing, and optimizing algorithms, contributing to innovative solutions in the rapidly evolving fields of mathematics and computer science.<br>**2. Effective Communication and Collaboration:**<br>Program graduates will be adept at communicating technical concepts clearly and concisely, both in written and oral formats. They will demonstrate strong collaborative skills, working effectively within interdisciplinary teams to tackle multifaceted challenges. This objective ensures that graduates can articulate their ideas, collaborate with diverse stakeholders, and contribute meaningfully to the advancement of projects and initiatives in their professional careers.<br>**3. Lifelong Learning and Adaptability:**<br>The program aims to instill a commitment to lifelong learning in graduates, fostering an awareness of emerging trends and technologies in mathematics and computer science. Alumni will possess the ability to adapt to evolving industry demands, proactively seeking new knowledge and skills to stay at the forefront of their respective fields. This objective ensures that graduates remain agile in their professional pursuits, ready to embrace new challenges and contribute to ongoing advancements in technology and mathematics throughout their careers. |

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| 16 | **Program Outcomes (POs):**<br>1. **Advanced Mathematical Proficiency**: Graduates will demonstrate advanced proficiency in mathematical theories and techniques, applying abstract mathematical concepts to solve complex problems in computer science.<br>2. **Computational Problem-Solving Skills**: Graduates will possess strong computational problem-solving skills, enabling them to design, analyze, and implement algorithms for efficient solutions in various domains of computer science.<br>3. **Software Development Expertise**: Graduates will be proficient in software development, demonstrating the ability to design, implement, and maintain software systems that meet specified requirements and adhere to industry best practices.<br>4. **Mathematical Modelling and Simulation**: Graduates will be capable of applying mathematical modeling and simulation techniques to represent and analyze real-world problems, contributing to the development of innovative solutions in computer science applications.<br>5. **Algorithmic Thinking**: Graduates will exhibit a deep understanding of algorithmic principles, demonstrating the ability to develop and optimize algorithms for problem-solving in diverse computational scenarios.<br>6. **Effective Communication in Technical Contexts**: Graduates will communicate technical concepts clearly and effectively, both in written and oral forms, facilitating collaboration with interdisciplinary teams and conveying complex ideas to diverse audiences.<br>7. **Continuous Learning and Adaptability**: Graduates will engage in lifelong learning, staying abreast of emerging technologies and methodologies in both mathematics and computer science, and adapting to evolving industry demands..<br>8. **Ethical and Professional Conduct**: Graduates will uphold high ethical standards in their work, demonstrating integrity, responsibility, and professionalism in the application of mathematical and computational principles within the computer science field. |

| 17 | **Program Specific Outcomes (PSOs) :** |
|---|---|

1. **Integrated Problem-Solving Skills**: Graduates of the program will demonstrate the ability to integrate mathematical and computational principles to solve complex problems in various domains. They will effectively apply mathematical modelling, algorithmic thinking, and programming skills to analyze and address real-world challenges in the intersection of mathematics and computer science.
2. **Multidisciplinary Collaboration**: Program graduates will excel in multidisciplinary collaboration, leveraging their dual expertise in mathematics and computer science to communicate effectively with professionals from diverse backgrounds. They will contribute to interdisciplinary teams, fostering an environment where mathematical insights enhance the development and optimization of computer science solutions.
3. **Innovative Software Development**: Graduates will showcase proficiency in innovative software development, combining mathematical rigor with efficient algorithmic design. They will be adept at creating software solutions that leverage mathematical concepts, contributing to advancements in areas such as data analytics, artificial intelligence, and scientific computing. This outcome emphasizes the program's commitment to producing graduates who can bridge the gap between theoretical foundations and practical software implementation.

**Programme Structure**

**A. Definition of Credit:**

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130/130+30=160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honors Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Siri-1 (Kannada)<br>Katha Saritha ( Hindi) | 02 |
| 2 | UL24FHE12 | Insight-1 (English) | 02 |
| 3 | UB24MD1104 | Algebra and Calculus-1 | 03 |
| 4 | UB24MD1105 | Computer Fundamentals and Programming in C | 03 |
| 5 | UB24MD1106 | Algebra and Calculus lab-1 | 02 |
| 6 | UB24MD1107 | Office Automation and C programming lab | 02 |
| 7 | <br>UB24MD1108<br>UB24MD1109<br>UB24MD1110<br>UB24MD1111 | **Minor Courses(Any one)**<br>Descriptive Statistics<br>Indian Economy-1<br>Mechanics and Properties of Matter<br>Fundamentals of Chemistry | 03 |
| 8 | U24TS01 | Technical Skills | 0 |
| 9 | U24LS02 | Life Skills | 0 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | U24CL06 | Cultural & Literary Activities | 1 |
| 14 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | U24PT08 | Placement Training | 0 |
| Total | | | 18 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Shravana-2 (Kannada)<br>Katha Sourabha ( Hindi) | 02 |
| 3 | UL24FHE12 | Insight-2 (English) | 02 |
| 4 | UB24MD1204 | Algebra and Calculus -2 | 03 |
| 5 | UB24MD1205 | Data Structure using C | 03 |
| 6 | UB24MD1206 | Algebra and Calculus Lab-2 | 02 |
| 7 | UB24MD1207 | Data Structure Lab | 02 |
| 8 | <br>UB24MD1208<br>UB24MD1209<br>UB24MD1210<br>UB24MD1211 | **Minor Courses (Any one)**<br>Probability and Probability Distribution<br>Indian Economy-2<br>Electricity and Magnetism<br>General concepts in chemistry | 03 |
| 11 | U24TS01 | Technical Skills | 02 |
| 12 | U24LS02 | Life Skills | 01 |
| 13 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 14 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 15 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 16 | U24CL06 | Cultural & Literary Activities | 00 |
| 17 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 18 | U24PT08 | Placement Training | 00 |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24MD2301 | Ordinary Differential equations and Real analysis | 03 |
| 2 | UB24MD2302 | Database System Concept | 03 |
| 3 | UB24MD2303 | Ordinary Differential equations and analysis Lab | 02 |
| 4 | UB24MD2304 | Database System Lab | 02 |
| 5 | <br>UB24MD2305<br>UB24MD2306<br>UB24MD2307<br>UB24MD2308 | **Minor Courses(Any one)**<br>Calculus and Probability Distribution<br>Entrepreneurial Economics<br>Wave motion and optics<br>Selected topics in Chemistry(principles and practices) | 03 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | **20** |

| Semester-4 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24MD2401 | Partial Differential equations and Integral Transform | 03 |
| 2 | UB24MD2402 | Object Oriented Programming in Java | 03 |
| 3 | UB24MD2403 | Partial Differential equations and Integral Transform Lab | 02 |
| 4 | UB24MD2404 | Java Lab | 02 |
| 5 | <br>UB24MD2405<br>UB24MD2406<br>UB24MD2407<br>UB24MD2408 | **Minor Courses(Any one)**<br>Statistical Inference-1<br>Managerial Economics<br>Thermal physics and electronics<br>Industrial and Physio-organic chemistry | 03 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 01 |
| 12 | U24CC07 | Co-Curricular Activities<br>(Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | **21** |

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|---|---|
| UB24MD3504 | Python Programming |
| UB24MD3505 | Abstract Algebra and Vector Calculus Lab |
| UB24MD3506 | Complex Analysis, Line and Multiple integ |
| UB24MD3507 | Operating System and Networking Lab |
| UB24MD3508 | Python Programming Lab |
| U24TS01 | Technical Skills |
| U24LS02 | Life Skills |
| U24ES03 | Innovation and Entrepreneurial Skills |
| U24VS04 | Environmental Awareness and Communi |
| U24AS05 | Athletics, Sports, Yoga, Gymnasium |
| U24CL06 | Cultural & Literary Activities |
| U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technic Competition) |
| U24PT08 | Placement Training |

| Semester-6 | |
|---|---|
| **Course Code** | **Course Title** |
| UB24MD3601 | Vector Algebra and Analytical Geometry |
| UB24MD3602 | Numerical Analysis |
| UB24MD3603 | C# and Dot net Framework |
| UB24MD3604 | Software Engineering |
| UB24MD3605 | Vector Algebra and Analytical Geometry |
| UB24MD3606 | Numerical Analysis Lab |
| UB24MD3607 | C# and Dot net Framework Lab |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24MD3501 | Abstract Algebra and Vector Calculus | 03 |
| 2 | UB24MD3502 | Complex Analysis, Line and Multiple integrals | 03 |
| 3 | UB24MD3503 | Operating System and Networking | 03 |
| 4 | UB24MD3504 | Python Programming | 03 |
| 5 | UB24MD3505 | Abstract Algebra and Vector Calculus Lab | 02 |
| 6 | UB24MD3506 | Complex Analysis, Line and Multiple integrals Lab | 02 |
| 7 | UB24MD3507 | Operating System and Networking Lab | 02 |
| 8 | UB24MD3508 | Python Programming Lab | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | U24CL06 | Cultural & Literary Activities | 00 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | U24PT08 | Placement Training | 01 |
| Total | | | **25** |

| Semester-6 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24MD3601 | Vector Algebra and Analytical Geometry | 03 |
| 2 | UB24MD3602 | Numerical Analysis | 03 |
| 3 | UB24MD3603 | C# and Dot net Framework | 03 |
| 4 | UB24MD3604 | Software Engineering | 03 |
| 5 | UB24MD3605 | Vector Algebra and Analytical Geometry Lab | 02 |
| 6 | UB24MD3606 | Numerical Analysis Lab | 02 |
| 7 | UB24MD3607 | C# and Dot net Framework Lab | 02 |
| 8 | UB24MD3608 | Mini Project work | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 02 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 16 | U24PT08 | Placement Training | 00 |
| Total | | | **25** |

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| Semester-7 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24MD4701 | Project Major sub-1 | 10 |
| 2 | UB24MD4702 | Internship | 3 |
| 3 | UB24MD4703 | Research methodology | 2 |
| 4 | U24TS01 | Technical Skills | 00 |
| 5 | U24LS02 | Life Skills | 00 |
| 6 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U24CL06 | Cultural & Literary Activities | 00 |
| 10 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U24PT08 | Placement Training | 00 |
| Total | | | **15** |

| Semester-8 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24MD4801 | Dissertation | 10 |
| 2 | UB24MD4802 | Research Paper presentation (oral/ poster presentation in national and international conference) | 5 |
| 3 | U24TS01 | Technical Skills | 00 |
| 4 | U24LS02 | Life Skills | 00 |
| 5 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8 | U24CL06 | Cultural & Literary Activities | 00 |
| 9 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10 | U24PT08 | Placement Training | 00 |
| Total | | | **15** |

**List of Minor Courses Offered**

1. Physics
2. Statistics
3. Economics
4. Chemistry

| | |
|---|---|
| **19** | **Program Delivery and Program Attainment**<br><br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| **20** | **Teaching and Learning Methods**<br><br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| **21** | **Attendance**<br><br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Sc. Programme. |
| **22** | **Assessment and Grading**<br><br>1. Every course will be assessed for a weight of 100<br><br>2. There are 4 components:<br><br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20% |

| | |
|---|---|
| | d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br><br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| **23** | **Award of Degree**<br><br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br><br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br><br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| **24** | **Student Support for Learning**<br><br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |

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| 25 | **Quality Control Measures**<br><br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**26. Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |

## (Majors- Physics and Mathematics

## Minor: CS/Statistics/Economics)

## PROGRAM DETAILS

| | |
|---|---|
| **Faculty** | Basic and Applied Sciences (FBAS) |
| **School** | School of Mathematical and Physical Sciences (SMPS) |
| **Program** | BSc (Major-Physics and Mathematics) |
| **Dean of Faculty** | Dr. B. M. Santhosh |
| **Director of School** | Dr. Onkarappa K. S. |

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|---|---|---|
| 1 | **Title of the Award** | BSc (Major-Physics and Mathematics) |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | 2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | 2024 |
| 8 | **Next Review Date:** | 2025 |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Science program with majors in Physics and Mathematics offers a comprehensive and integrated curriculum that combines foundational principles in physics with advanced mathematical concepts. Students in this program gain a solid understanding of classical mechanics, electromagnetism, | |

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| | quantum mechanics, and thermodynamics in the physics component. Simultaneously, they delve into core mathematical subjects such as calculus, linear algebra, and differential equations, laying a strong mathematical foundation.<br>This interdisciplinary approach fosters a deep appreciation for the symbiotic relationship between physics and mathematics, allowing students to analyze and model physical phenomena using advanced mathematical tools. The program emphasizes hands-on experimentation, encouraging students to apply theoretical knowledge in state-of-the-art laboratories.<br>Through elective courses and projects, students have the flexibility to explore specialized areas, such as astrophysics, theoretical physics, or mathematical modeling, tailoring their education to align with individual interests and career aspirations. The capstone project integrates physics and mathematics, providing students with an opportunity to engage in original research or practical applications, showcasing their analytical and problem-solving skills.<br>Upon graduation, students are well-prepared for diverse career paths, including research, academia, data analysis, and technology-driven industries. The program not only cultivates a deep understanding of the fundamental principles of physics and mathematics but also equips graduates with the critical thinking and quantitative skills essential for success in a rapidly evolving scientific landscape. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Advanced Problem-Solving Skills:**<br>Graduates of the program will possess advanced problem-solving skills, utilizing the principles of mathematics and physics to analyse, model, and address complex challenges across various scientific domains. They will demonstrate proficiency in formulating and solving problems, fostering a deep understanding of the interplay between theoretical concepts and practical applications.<br>2. **Interdisciplinary Integration:**<br>Program graduates will excel in integrating knowledge from mathematics and physics, applying a holistic approach to problem-solving. They will demonstrate the ability to bridge the gap between mathematical abstraction and physical reality, fostering a seamless connection between these two disciplines. This outcome emphasizes the program's commitment to producing graduates who can leverage insights from both fields to tackle multifaceted scientific problems.<br>3. **Research and Innovation:**<br>Graduates will be equipped with the skills necessary to engage in independent research and innovation. They will demonstrate a capacity for original thinking, contribute to advancements in mathematics and physics, and effectively communicate their findings. This objective underscores the program's commitment to fostering a spirit of inquiry and innovation among its graduates, preparing |

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| | them for careers in research, academia, and other scientific and technological endeavors. |
| 16 | **Program Outcomes (POs):**<br>1. **Mathematical Proficiency:**<br>Graduates will demonstrate a high level of mathematical proficiency, including mastery of calculus, algebra, and advanced mathematical concepts, enabling them to apply rigorous mathematical reasoning to solve complex problems.<br>2. **Physics Foundations:**<br>Graduates will possess a solid understanding of fundamental principles in physics, including classical mechanics, electromagnetism, quantum mechanics, and thermodynamics, allowing them to analyze and explain physical phenomena.<br>3. **Computational Skills:**<br>Graduates will be proficient in using computational tools and programming languages to model and simulate mathematical and physical systems, enhancing their ability to analyse and solve problems in a computational context.<br>4. **Quantitative Analysis:**<br>Graduates will demonstrate strong quantitative analysis skills, including the ability to collect, interpret, and analyse data using statistical methods, ensuring their competence in making data-driven decisions.<br>5. **Interdisciplinary Integration:**<br>Graduates will integrate mathematical and physical concepts effectively, demonstrating the ability to apply mathematical methods to solve physical problems and vice versa, fostering a seamless connection between the two disciplines.<br>6. **Experimental Techniques:**<br>Graduates will have hands-on experience with experimental techniques in physics, demonstrating proficiency in designing and conducting experiments, analysing results, and drawing meaningful conclusions.<br>7. **Critical Thinking and Problem-Solving:**<br>Graduates will exhibit strong critical thinking skills, enabling them to approach problems systematically, formulate hypotheses, and apply mathematical and physical principles to devise effective solutions.<br>8. **Effective Communication:**<br>Graduates will communicate scientific ideas clearly and concisely, both in written and oral forms, facilitating effective collaboration with peers, interdisciplinary teams, and broader audiences, and |

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| 17 | **Program Specific Outcomes (PSOs):**<br>1. **Advanced Problem-Solving Proficiency:**<br>Graduates will demonstrate advanced problem-solving proficiency by applying mathematical and physical principles to analyse and solve complex scientific problems. They will exhibit the ability to formulate and solve problems in both mathematical and physical contexts, showcasing a deep understanding of the interconnectedness of these disciplines.<br>2. **Research and Inquiry Skills:**<br>Graduates will possess strong research and inquiry skills, conducting independent investigations and contributing to the advancement of knowledge in mathematics and physics. They will demonstrate the ability to formulate hypotheses, design experiments, collect and analyse data, and draw meaningful conclusions, reflecting a commitment to original inquiry.<br>3. **Interdisciplinary Application:**<br>Graduates will excel in the interdisciplinary application of mathematics and physics, demonstrating the capability to integrate theories and methodologies from both fields to address real-world challenges. They will showcase the ability to bridge the gap between abstract mathematical concepts and physical phenomena, providing innovative solutions that leverage insights from both disciplines. This outcome emphasizes the program's commitment to producing graduates who can navigate and contribute to the convergence of mathematics and physics in various scientific and technological contexts. |

**Programme Structure**

**A. Definition of Credit**:

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| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130/130+30=160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Siri-1<br>Katha Saritha | 02 |
| 2 | UL24FHE12 | English Insight-1 | 02 |
| 3 | UB24PM1104 | Mechanics and Properties of Matter | 03 |
| 4 | UB24PM1105 | Alzebra-1 and Calculus-1 | 03 |
| 5 | UB24PM1106 | Mechanics Lab | 02 |
| 6 | UB24PM1107 | Mathematics Lab-2 | 02 |
| 7 | UB24PM1108<br>UB24PM1109<br>UB24PM1110<br>UB24PM1111 | **Minor Courses(Any one)**<br>Programming in C<br>Descriptive Statistics<br>Indian Economy-1<br>Fundamentals of chemistry | 03 |
| 8 | U24TS01 | Technical Skills | 0 |
| 9 | U24LS02 | Life Skills | 0 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | U24CL06 | Cultural & Literary Activities | 1 |
| 14 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | U24PT08 | Placement Training | 0 |
| | | **Total** | **18** |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK21<br>UL24FHH23 | Kannada Siri-2<br>Katha Sourabha | 02 |
| 2 | UL24FHE22 | English Insight-2 | 02 |
| 3 | UB24PM1204 | Electricity and Magnetism | 03 |
| 4 | UB24PM1205 | Alzebra and Calculus-2 | 03 |
| 5 | UB24PM1206 | Electronics Lab | 02 |
| 6 | UB24PM1207 | Mathematics Lab-2 | 02 |
| 7 | <br>UB24PM1208<br>UB24PM1209<br>UB24PM1210<br>UB24PM1211 | **Minor Courses(Any one)**<br>Data Structure using C<br>Probability and Probability Distributions<br>Indian Economy-2<br>General concepts in chemistry | 03 |
| 8 | U24TS01 | Technical Skills | 02 |
| 9 | U24LS02 | Life Skills | 01 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | U24CL06 | Cultural & Literary Activities | 00 |
| 14 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15 | U24PT08 | Placement Training | 00 |
| Total | | | **21** |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24PM2301 | Wave Motion and Optics | 03 |
| 2 | UB24PM2302 | Ordinary Differential equations-1 and Real analysis | 03 |
| 3 | UB24PM2303 | Optics Lab-1 | 02 |
| 4 | UB24PM2304 | Ordinary Differential equations and Real analysis Lab | 02 |
| 5 | <br>UB24PM2305<br>UB24PM2306<br>UB24PM2307<br>UB24PM2308 | **Minor Courses(Any one)**<br>Database System Concept<br>Calculus and Probability Distributions<br>Entrepreneurial Economics<br>Selected topics in chemistry (principles and practices) | 03 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |

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|---|---|
| Total | **25** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24PM3601 | Elements of Nuclear Physics and Nuclear instruments | 03 |
| 2 | UB24PM3602 | Elements of Condensed Matter Physics | 03 |
| 3 | UB24PM3603 | Vector Algebra and Improper Interation | 03 |
| 4 | UB24PM3604 | Numerical Analysis | 03 |
| 5 | UB24PM3605 | Nuclear Physics Lab | 02 |
| 6 | UB24PM3606 | Spectroscopy Lab | 02 |
| 7 | UB24PM3607 | Vector Algebra and Analytical Geometry Lab | 02 |
| 8 | UB24PM3608 | Numerical Analysis Lab | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 16 | U24PT08 | Placement Training | 00 |
| Total | | | **25** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24PM4701 | Project Major sub-1 | 10 |
| 2 | UB24PM4702 | Internship | 3 |
| 3 | UB24PM4703 | Research methodology | 2 |
| 4 | U23TS01 | Technical Skills | 00 |
| 5 | U24LS02 | Life Skills | 00 |
| 6 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U24CL06 | Cultural & Literary Activities | 00 |
| 10 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U24PT08 | Placement Training | 00 |
| Total | | | **15** |

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|---|---|
| Total | **25** |

| Semester-6 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24PM3601 | Elements of Nuclear Physics and Nuclear instruments | 03 |
| 2 | UB24PM3602 | Elements of Condensed Matter Physics | 03 |
| 3 | UB24PM3603 | Vector Algebra and Improper Interation | 03 |
| 4 | UB24PM3604 | Numerical Analysis | 03 |
| 5 | UB24PM3605 | Nuclear Physics Lab | 02 |
| 6 | UB24PM3606 | Spectroscopy Lab | 02 |
| 7 | UB24PM3607 | Vector Algebra and Analytical Geometry Lab | 02 |
| 8 | UB24PM3608 | Numerical Analysis Lab | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 16 | U24PT08 | Placement Training | 00 |
| Total | | | **25** |

| Semester-7 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24PM4701 | Project Major sub-1 | 10 |
| 2 | UB24PM4702 | Internship | 3 |
| 3 | UB24PM4703 | Research methodology | 2 |
| 4 | U23TS01 | Technical Skills | 00 |
| 5 | U24LSO2 | Life Skills | 00 |
| 6 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U24CL06 | Cultural & Literary Activities | 00 |
| 10 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

| Semester-8 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24PM4801 | Project Major sub-1 | 10 |
| 2 | UB24PM4802 | Research Paper presentation (oral/ poster presentation in national and international conference) | 5 |
| 3 | U24TS01 | Technical Skills | 00 |
| 4 | U24LS02 | Life Skills | 00 |
| 5 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8 | U24CL06 | Cultural & Literary Activities | 00 |
| 9 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

**List of Minor Courses Offered**

1. Computer Science
2. Statistics
3. Economics

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Field work/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations |

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| | 7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimum of 85% attendance is essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Sc. Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.**<br>4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 120 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any |

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| | course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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# BSc. -Bachelor of Science

## (Majors- Statistics and Computer Science

## Minor: Physics/Mathematics/Economics)

## PROGRAM DETAILS

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|---|---|
| **Faculty** | Basic and Applied Sciences (FBAS) |
| **School** | School of Mathematical and Physical Sciences (SMPS) |
| **Program** | BSc (Major-Statistics and Computer Science) |
| **Dean of Faculty** | Dr. B. M. Santhosh |
| **Director of School** | Dr. Onkarappa K S |

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| 1 | **Title of the Award** | BSc (Major-Statistics and Computer Science) |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | November -2024 |
| 8 | **Next Review Date:** | November -2025 |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Bachelor of Science program with majors in Statistics and Computer Science is a dynamic and interdisciplinary course that equips students with a strong foundation in statistical methodologies and computer science principles. The curriculum combines rigorous statistical training with a comprehensive understanding of algorithmic design, programming, and software development. Core courses in statistics | |

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| | cover probability theory, regression analysis, and experimental design, while computer science courses encompass programming languages, data structures, and database management. Students will develop the skills necessary to collect, analyse, and interpret data, with an emphasis on applying statistical techniques to solve real-world problems in various industries.<br>The program also integrates advanced computer science topics such as machine learning, data mining, and artificial intelligence, allowing students to explore the intersection of statistics and cutting-edge computational methodologies. A capstone project provides an opportunity for students to apply statistical methods and computational techniques to solve a complex problem, demonstrating their ability to integrate knowledge from both disciplines.<br>Upon graduation, students are well-prepared for diverse career paths, including data analysis, machine learning development, statistical modelling, and software engineering. The program emphasizes practical skills, ensuring that graduates are equipped to make data-driven decisions and contribute to advancements in both statistical research and computer science applications. |
| 15 | **Program Educational Objectives (PEOs) :**<br>1. **Professional Excellence:**<br>Graduates of the Bachelor's program in science with majors in Statistics and Computer Science will demonstrate professional excellence by applying mathematical and computational principles to analyse and solve complex problems in various domains. They will exhibit proficiency in designing, implementing, and optimizing algorithms, contributing to innovative solutions in the rapidly evolving fields of Statistics and computer science.<br>2. **Effective Communication and Collaboration:**<br>Program graduates will be adept at communicating technical concepts clearly and concisely, both in written and oral formats. They will demonstrate strong collaborative skills, working effectively within interdisciplinary teams to tackle multifaceted challenges. This objective ensures that graduates can articulate their ideas, collaborate with diverse stakeholders, and contribute meaningfully to the advancement of projects and initiatives in their professional careers.<br>3. **Lifelong Learning and Adaptability:**<br>The program aims to instill a commitment to lifelong learning in graduates, fostering an awareness of emerging trends and technologies in statistics and computer science. Alumni will possess the ability to adapt to evolving industry demands, proactively seeking new knowledge and skills to stay at the forefront of their respective fields. This objective ensures that graduates remain agile in their professional pursuits, ready to embrace new challenges and contribute to ongoing advancements in technology and Statistics throughout their careers. |

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| | leveraging their dual expertise in Statistics and computer science to communicate effectively with professionals from diverse backgrounds. They will contribute to interdisciplinary teams, fostering an environment where mathematical insights enhance the development and optimization of computer science solutions.<br>3. **Innovative Software Development**: Graduates will showcase proficiency in innovative software development, combining mathematical rigor with efficient algorithmic design. They will be adept at creating software solutions that leverage mathematical concepts, contributing to advancements in areas such as data analytics, artificial intelligence, and scientific computing. This outcome emphasizes the program's commitment to producing graduates who can bridge the gap between theoretical foundations and practical software implementation. |

**Programme Structure**

**A. Definition of Credit:**

| | |
|---|---|
| 1 Hr. Lecture (L) per week | 1 Credit |
| 2 Hr. Tutorial (T) per week | 1 Credit |
| 2 Hr. Practical (P) per week | 1 Credit |

| Sl. No. | Program -Category | Credits |
|---|---|---|
| 1 | Program-Core courses, elective Courses, open electives | 100/130 |
| 2 | Technical Skills | 10 (SDTCD) |
| 3 | Life Skills | 3(CASP) |
| 4 | Innovation and Entrepreneurial Skills | 3(CIPI) |
| 5 | Environmental Awareness and Community Services | 3(SA) |
| 6 | Athletics, Sports, Yoga, Gymnasium | 3(SA) |
| 7 | Cultural & Literary Activities | 3(SA) |
| 8 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 2(SA&SP) |
| 9 | Placement Training | 3(CASP) |
| | **Total** | **130/130+30=160** |

**3-year degree program: 100 + 30= 130**

**4 Year Honours Program: 130+30= 160**

**18. Courses and Credits:**

| Semester-1 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK11<br>UL24FHH13 | Kannada Siri-1 (Kannada)<br>Katha Saritha( Hindi) | 02 |
| 2 | UL24FHE12 | English Insight-1 | 02 |
| 3 | UB24SD1104 | Descriptive Statistics | 03 |
| 4 | UB24SD1105 | Computer Fundamentals and Programming in C | 03 |
| 5 | UB24SD1106 | Descriptive Statistics Lab | 02 |
| 6 | UB24SD1107 | Office Automation and C programming lab | 02 |
| 7 | <br>UB24SD1108<br>UB24SD1109<br>UB24SD1110 | **Minor Courses(Any one)**<br>Indian Economy-1<br>Mechanics and Properties of Matter<br>Algebra and Calculus-1 | 03 |
| 8 | U24TS01 | Technical Skills | 0 |
| 9 | U24LS02 | Life Skills | 0 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 0 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 0 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 0 |
| 13 | U24CL06 | Cultural & Literary Activities | 1 |
| 14 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 0 |
| 15 | U24PT08 | Placement Training | 0 |
| Total | | | 18 |

| Semester-2 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UL24FHK21<br>UL24FHH23 | Kannada Siri-2<br>Katha Sourabha ( Hindi) | 02 |
| 2 | UL24FHE22 | English Insight-2 | 02 |
| 3 | UB24SD1204 | Probability and Probability Distribution | 03 |
| 4 | UB24SD1205 | Data Structure using C | 03 |
| 5 | UB24SD1206 | Probability and Distribution Lab | 02 |
| 6 | UB24SD1207 | Data Structure Lab | 02 |
| 7 | UB24SD1208<br>UB24SD1209<br>UB24SD1210 | **Minor Courses(Any one)**<br>Indian Economy-2 Electricity and Magnetism<br>Algebra and Calculus -2 | 03 |
| 8 | U24TS01 | Technical Skills | 02 |
| 9 | U24LS02 | Life Skills | 01 |
| 10 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 11 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 12 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 13 | U24CL06 | Cultural & Literary Activities | 00 |
| 14 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 15 | U24PT08 | Placement Training | 00 |
| Total | | | 21 |

| Semester-3 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24SD2301 | Calculus and Probability Distribution | 03 |
| 2 | UB24SD2302 | Database System Concept | 03 |
| 3 | UB24SD2303 | Statistics Lab-3 | 02 |
| 4 | UB24SD2304 | Database System Lab | 02 |
| 5 | UB24SD2305<br>UB24SD2306<br>UB24SD2307 | **Minor Courses (Any one)**<br>Entrepreneurial Economics<br>Wave motion and optics Mathematics -3<br>Ordinary Differential equations and Real analysis | 03 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 00 |
| 12 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | 20 |

| Semester-4 | | | |
|---|---|---|---|
| **S. No.** | **Course Code** | **Course Title** | **Credits** |
| 1 | UB24SD2401 | Statistical Inference -I | 03 |
| 2 | UB24SD2402 | Object Oriented Programming in Java | 03 |
| 3 | UB24SD2403 | Statistical Inference-I Lab | 02 |
| 4 | UB24SD2404 | Java Lab | 02 |
| 5 | UB24SD2405<br>UB24SD2406<br>UB24SD2407 | **Minor Courses(Any one)**<br>Managerial Economics<br>Thermal physics and electronics<br>Partial Differential equations and Integral Transform | 03 |
| 6 | U24TS01 | Technical Skills | 02 |
| 7 | U24LS02 | Life Skills | 01 |
| 8 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 9 | U24VS04 | Environmental Awareness and Community Services | 01 |
| 10 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 11 | U24CL06 | Cultural & Literary Activities | 01 |
| 12 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 13 | U24PT08 | Placement Training | 01 |
| Total | | | **21** |

| Semester-5 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24SD3501 | Matrix Algebra and Regression analysis | 03 |
| 2 | UB24SD3502 | Statistical Inference II | 03 |
| 3 | UB24SD3503 | Operating System and Networking | 03 |
| 4 | UB24SD3504 | Python Programming | 03 |
| 5 | UB24SD3505 | Matrix Algebra and Regression analysis Lab | 02 |
| 6 | UB24SD3506 | Statistical Inference II Lab | 02 |
| 7 | UB24SD3507 | Operating System and Networking Lab | 02 |
| 8 | UB24SD3508 | Python Programming Lab | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 01 |
| 14 | U24CL06 | Cultural & Literary Activities | 00 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 16 | U24PT08 | Placement Training | 01 |
| Total | | | **25** |

| Semester-6 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24SD3601 | Analysis of Variance and Design of Experiments | 03 |
| 2 | UB24SD3602 | Theory of Sampling | 03 |
| 3 | UB24SD3603 | C# and Dot net Framework | 03 |
| 4 | UB24SD3604 | Software Engineering | 03 |
| 5 | UB24SD3605 | Analysis of Variance and Design of Experiments Lab | 02 |
| 6 | UB24SD3606 | Theory of Sampling Lab | 02 |
| 7 | UB24SD3607 | C# and Dot net Framework Lab | 02 |
| 8 | UB24SD3608 | Mini Project work | 02 |
| 9 | U24TS01 | Technical Skills | 02 |
| 10 | U24LS02 | Life Skills | 00 |
| 11 | U24ES03 | Innovation and Entrepreneurial Skills | 01 |
| 12 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 13 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 14 | U24CL06 | Cultural & Literary Activities | 01 |
| 15 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 01 |
| 16 | U24PT08 | Placement Training | 00 |
| Total | | | **25** |

| Semester-7 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24SD4701 | Project Major sub-1 | 10 |
| 2 | UB24SD4702 | Internship | 3 |
| 3 | UB24SD4703 | Research methodology | 2 |
| 4 | U24TS01 | Technical Skills | 00 |
| 5 | U24LS02 | Life Skills | 00 |
| 6 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 7 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 8 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 9 | U24CL06 | Cultural & Literary Activities | 00 |
| 10 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 11 | U24PT08 | Placement Training | 00 |
| Total | | | 15 |

| Semester-8 | | | |
|---|---|---|---|
| S. No. | Course Code | Course Title | Credits |
| 1 | UB24SD4801 | Dissertation | 10 |
| 2 | UB24SD4802 | Research Paper presentation (oral/ poster presentation in national and international conference) | 5 |
| 3 | U24TS01 | Technical Skills | 00 |
| 4 | U24LS02 | Life Skills | 00 |
| 5 | U24ES03 | Innovation and Entrepreneurial Skills | 00 |
| 6 | U24VS04 | Environmental Awareness and Community Services | 00 |
| 7 | U24AS05 | Athletics, Sports, Yoga, Gymnasium | 00 |
| 8 | U24CL06 | Cultural & Literary Activities | 00 |
| 9 | U24CC07 | Co-Curricular Activities (Seminar/Conference/Exhibition/Technical Competition) | 00 |
| 10 | U24PS08 | Placement Training | 00 |
| Total | | | 15 |

**List of Minor Courses Offered**

1. Physics
2. Mathematics
3. Economics

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| 19 | **Program Delivery and Program Attainment**<br>The program comprises several courses, each delivered according to the specifications outlined in the course documents. At the conclusion of each course, both course attainments and program attainments are computed. These attainments undergo analysis during Course Assessment Board and Program Assessment Board meetings, leading to recommendations for enhancements in subsequent offerings. |
| 20 | **Teaching and Learning Methods**<br>1. Face to Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project Based Learning<br>4. Problem Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 21 | **Attendance**<br>A minimumof85%attendanceis essential to appear for semester end examinations. Condoning of attendance shortage is as per the Academic Regulations of B.Sc Programme. |
| 22 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. There are 4 components:<br>a. Quiz -15%<br>b. Class Tests: 25%<br>c. Application Based open assignments/ Activity/project-based learning/problem-based learning and any such assessment: 20%<br>d. Semester End Examination: 40%<br>3. Based on total marks scored grade is Awarded.<br>If marks scored is:<br>• 91 and above O (outstanding); 81-90 : A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60 : B (Above Average); 40 -50: C (Average); below 40: D (Not satisfactory)<br>• If one scores D grade, the candidate is required to re-register for the course (for core courses only, students can exercises their choice in case of electives or open electives –means they can re-register or register for a different elective course) and earn the required credits<br>• **A minimum of overall 40% is required for completion of course by acquiring minimum grade (pass) with a minimum of 40% in each component.** |

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| | 4. End of each semester –grade card will be issued with SGPA displayed |
| 23 | **Award of Degree**<br>Every student registering for the program need to complete a **minimum of 130 credits for the award of Bachelor's degree and 160 credits for the award of honours degree**.<br><br>**Award of Degree Certificate:**<br>Students will be issued consolidated grade card with CGPA displayed and GM University Degree Certificate.<br><br>**Award of Gold Medal:**<br>A student with highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a D grade in any course over 6/8 semester and completing the program within the specified period of 3/4 years (6/8 semesters) will be awarded Gold Medal. |
| 24 | **Student Support for Learning**<br>1. Course Notes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 25 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

26. **Mapping of POs with Cos.**

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Course-1 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
| Course-2 | | | | | | | | | | | | |
| CO1 | | | | | | | | | | | | |
| CO2 | | | | | | | | | | | | |
| CO3 | | | | | | | | | | | | |
| CO4 | | | | | | | | | | | | |
| CO5 | | | | | | | | | | | | |
| CO6 | | | | | | | | | | | | |
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**M.Sc. Chemistry**

**PROGRAM DETAILS**

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|---|---|
| **Faculty** | Basic and Applied Sciences (FBAS) |
| **School** | School of Chemical and Biological Sciences (SCBS) |
| **Program** | M.Sc. Chemistry |
| **Dean of Faculty** | Dr. Santhosh B M |
| **Director of School** | Mrs. Savitha P H |
| **Program Manager** | Dr. Shivarudrappa H P |

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| 1 | **Title of the Award** | M.Sc. Chemistry |
| 2 | **Modes of Study** | Full Time |
| 3 | **Awarding Institution /Body** | GM University |
| 4 | **Joint Award** | Not Applicable |
| 5 | **Teaching Institution** | FBAS<br>GM University |
| 6 | **Date of Program Specifications** | November -2023 |
| 7 | **Date of Course Approval by the Academic Council of GMU** | --- |
| 8 | **Next Review Date:** | --- |
| 9 | **Program Approving Regulating Body and Date of Approval** | --- |
| 10 | **Program Accredited Body and Date of Accreditation** | --- |
| 11 | **Grade Awarded by the Accreditation Body** | --- |
| 12 | **Program Accreditation Validity** | --- |
| 13 | **Program Benchmark** | N/A |
| 14 | **Program Overview**<br>The Master's program in Chemistry is a comprehensive and advanced degree designed to deepen students' knowledge and expertise in the various branches of chemistry. The curriculum covers a range of core courses, including advanced organic, inorganic, physical, and analytical chemistry, providing a solid foundation in theoretical principles and | |

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| | experimental techniques. Students engage in hands-on laboratory work, gaining proficiency in state-of-the-art instrumentation and analytical methods.<br>Emphasizing interdisciplinary connections, the program allows students to explore specialized areas such as biochemistry, environmental chemistry, materials science, and medicinal chemistry. The curriculum integrates theoretical concepts with practical applications, fostering critical thinking and problem-solving skills essential for success in both academic and industrial settings.<br>The program culminates in a capstone research project, where students have the opportunity to contribute to cutting-edge research under the mentorship of experienced faculty. Graduates are well-prepared for careers in research, academia, and various industries, where their advanced knowledge and practical skills in chemistry are highly valued. The Master's program in Chemistry aims to produce professionals who not only possess a deep understanding of chemical principles but also have the expertise to address complex challenges in the ever-evolving field of chemistry. |
| 15 | **Program Educational Objectives (PEOs):**<br>**1. Advanced Knowledge and Expertise:**<br>Graduates of the program will possess advanced knowledge and expertise in the core areas of chemistry, including organic, inorganic, physical, and analytical chemistry. They will demonstrate a deep understanding of theoretical principles and practical applications, positioning them as proficient and versatile professionals in the field.<br>**2. Research Competence:**<br>Program graduates will be equipped with the skills necessary to conduct independent and original research in chemistry. They will demonstrate the ability to formulate research questions, design experiments, and contribute to the generation of new knowledge, fostering a commitment to ongoing scientific inquiry.<br>**3. Interdisciplinary Application:**<br>Graduates will excel in applying chemical principles to interdisciplinary contexts, such as biochemistry, environmental chemistry, materials science, or medicinal chemistry. They will demonstrate the ability to address complex challenges by integrating knowledge from various branches of chemistry, fostering innovation and adaptability in their professional pursuits. |
| 16 | **Program Outcomes (POs):**<br>**1. Advanced Chemical Knowledge:**<br>Graduates will demonstrate a deep and advanced understanding of key concepts in organic, inorganic, physical, and analytical chemistry, encompassing both theoretical principles and practical applications.<br>**2. Laboratory Proficiency:** |

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| | Graduates will exhibit advanced laboratory skills, including expertise in the use of state-of-the-art instrumentation, experimental design, and data analysis, enabling them to conduct sophisticated experiments and contribute to cutting-edge research.<br>**3. Critical Thinking and Problem-Solving:**<br>Graduates will develop strong critical thinking skills, allowing them to analyze complex chemical problems, propose hypotheses, and design experiments or theoretical models to address scientific challenges.<br>**4. Research and Inquiry Skills:**<br>Graduates will be proficient in conducting independent research, including the ability to formulate research questions, design experiments, analyze data, and draw meaningful conclusions, contributing to the advancement of scientific knowledge.<br>**5. Effective Communication:**<br>Graduates will communicate scientific ideas and research findings effectively, both in written and oral formats, demonstrating the ability to disseminate complex information to both specialized and non-specialized audiences.<br>**6. Interdisciplinary Application:**<br>Graduates will apply chemical principles to interdisciplinary contexts, including but not limited to biochemistry, environmental chemistry, materials science, and medicinal chemistry. They will showcase the ability to collaborate across disciplines to address multifaceted scientific challenges.<br>**7. Ethical and Professional Conduct:**<br>Graduates will uphold high ethical standards in their research and professional conduct, demonstrating integrity, responsibility, and ethical behaviour in all aspects of their scientific endeavours.<br>**8. Adaptability and Innovation:**<br>Graduates will be adaptable and innovative, staying abreast of emerging trends and technologies in chemistry. They will demonstrate the ability to apply their knowledge to new challenges, fostering a mindset of continuous learning and innovation in their professional careers. |
| 17 | **Program Specific Outcomes (PSOs):**<br>**1. Advanced Experimental Proficiency:**<br>Graduates will emerge as trailblazers in experimental chemistry, show casing exceptional mastery in conceptualizing and executing innovative experiments. With adept command over a spectrum of sophisticated laboratory techniques and state-of-the-art instrumentation. Their analytical precision and scientific insight will drive meaningful contributions to cutting-edge advancements in the chemical sciences. |

2. **Original Research Contributions:** Graduates will evolve as pioneers in chemical research, demonstrating expertise in formulating meaningful questions, designing robust experiments, and conducting independent investigations. Their work will yield transformative outcomes—through influential publications and compelling presentations—that advance chemical knowledge and ignite future innovation.
3. **Interdisciplinary Application of Chemical Principles:**
   Graduates will emerge as visionary chemists with a deep mastery of chemical principles and the agility to integrate knowledge across all branches of chemistry. Their interdisciplinary mind-set and creative problem-solving skills will empower them to pioneer responsible, innovative solutions—driving scientific and technological progress across diverse real-world and research domains.

**18. Credit Requirements**

- To complete a postgraduate program- M.Sc., a student is required to earn 80 credits.
- Those students who complete only coursework (40 Credits), a Postgraduate Diploma is awarded
- The credit distribution for M.Sc. Program:
  - Module (12 x 4 credits) = 48 credits
  - Laboratory (9 x 2 credits) = 18 Credits
  - Internship & Dissertation = 08 credits
  - Elective = 02 Credits
  - Paper Presentation = 02 Credits
  - Research Methodology = 02 Credits
  - **Total** **= 80 Credits**

**19. Programme Structure**

| S.N. | Semester | Code | Course Title | Credits | Weeks |
|---|---|---|---|---|---|
| 1 | I | PB24CH1101 | Advanced Inorganic Chemistry: Chemical Bonding and Periodicity | 4 | 1-6 |
| 2 | | PB24CH1102 | Advanced Organic Chemistry: Structure and Reactivity | 4 | 7-12 |
| 3 | | PB24CH1103 | Advanced Physical Chemistry: Thermodynamics, Kinetics, and Surface Science | 4 | 13-18 |
| 4 | | PB24CH1104 | Advanced Analytical and Spectroscopic Techniques | 4 | 19-24 |
| 5 | | PB24CH1105 | Inorganic Chemistry Laboratory - 1 | 2 | 1-6 |
| 6 | | PB24CH1106 | Organic Chemistry Laboratory - 1 | 2 | 7-12 |
| 7 | | PB24CH1107 | Physical Chemistry Laboratory - 1 | 2 | 13-18 |
| **Break** | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 8 | II | PB24CH1201 | Modern Inorganic Chemistry: Transition Metals, Clusters, and Group Theory | 4 | 27-32 |
| 9 | | PB24CH1202 | Modern Organic Chemistry: Stereo electronic Effects, Mechanisms, and Photoreactions | 4 | 33-38 |
| 10 | | PB24CH1203 | Modern Physical Chemistry: Thermodynamics, Quantum Mechanics, and Macromolecules | 4 | 39-44 |
| 11 | | PB24CH1204 | Inorganic Chemistry Laboratory - 2 | 2 | 27-32 |
| 12 | | PB24CH1205 | Organic Chemistry Laboratory - 2 | 2 | 33-38 |
| 13 | | PB24CH1206 | Physical Chemistry Laboratory - 2 | 2 | 39-44 |
| 14 | | PB24CH1207<br>PB24CH1208<br>PB24CH1209 | Elective Paper (any one)<br>Green Chemistry<br>Industrial Chemistry<br>Medicinal Chemistry | 2 | 45-49 |
| Break | | | | | |
| 15 | III | PB24CH2301 | Applied Inorganic Chemistry: Organometallic and Bioinorganic Compounds | 4 | 53-58 |
| 16 | | PB24CH2302 | Polymer Processing and Recycling | 4 | 59-64 |
| 17 | | PB24CH2303 | Advanced Industrial and Synthetic Chemistry | 4 | 65-70 |
| 18 | | PB24CH2304 | Inorganic Chemistry Laboratory - 3 | 2 | 53-58 |
| 19 | | PB24CH2305 | Organic Chemistry Laboratory - 3 | 2 | 59-64 |
| 20 | | PB24CH2306 | Analytical Chemistry Laboratory | 2 | 65-70 |
| 21 | | PB24CH2307 | Research Methodology | 2 | 71-74 |
| Break | | | | | |
| 22 | IV | PB24CH2401 | Applied Physical Chemistry: Quantum Mechanics, Molecular Symmetry, and Electrochemical Applications | 4 | 81-86 |
| 23 | | PB24CH2402 | Applied Organic Chemistry: Heterocyclic and Spectroscopic Analysis | 4 | 87-92 |
| 24 | | PB24CH2403 | Internship | 4 | 93 |
| 25 | | PB24CH2404 | Dissertation | 4 | 94 |
| 26 | | PB24CH2405 | Paper Presentation | 2 | 75-94 |

**20. Class Conduction Plan for M.Sc. Chemistry**

| Week | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|---|
| **Week 1** | Lecturing/ Assignment | Lecturing/ Assignment | Lecturing/ Assignment | Lecturing/ Assignment | Lecturing/ Assignment | Laboratory |
| **Week 2** | Lecturing | Lecturing | Lecturing | Lecturing | Lecturing | Laboratory |
| **Week 3** | Lecturing | Lecturing | Lecturing | Lecturing | Lecturing | Laboratory |
| **Week 4** | Lecturing | Lecturing | Lecturing | Lecturing | Lecturing | Laboratory |
| **Week 5** | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation |
| **Week 6** | Examination | | | | | |

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| 21 | **Teaching and Learning Methods**<br>1. Face-to-Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project-Based Learning<br>4. Problem-Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 22 | **Attendance**<br>A minimum of 85% attendance is essential for each course. |
| 23 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. Semester End Examination-50% weight<br>2. If the marks scored are:<br>• 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); below 50: C (Not satisfactory)<br>• If one scores a C grade, the candidate is required to re-register for the course and earn the required credits |

**20. Class Conduction Plan for M.Sc. Chemistry**

| Week | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|---|
| **Week 1** | Lecturing/ Assignment | Lecturing/ Assignment | Lecturing/ Assignment | Lecturing/ Assignment | Lecturing/ Assignment | Laboratory |
| **Week 2** | Lecturing | Lecturing | Lecturing | Lecturing | Lecturing | Laboratory |
| **Week 3** | Lecturing | Lecturing | Lecturing | Lecturing | Lecturing | Laboratory |
| **Week 4** | Lecturing | Lecturing | Lecturing | Lecturing | Lecturing | Laboratory |
| **Week 5** | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation | Assignments Evaluation |
| **Week 6** | Examination | | | | | |

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|---|---|
| 21 | **Teaching and Learning Methods**<br>1. Face-to-Face Lectures using Audio-Visuals<br>2. Laboratory work/Fieldwork/Workshop<br>3. Project-Based Learning<br>4. Problem-Based Learning<br>5. Group Exercises/Assignments<br>6. Demonstrations<br>7. Guest Lectures<br>8. Industry Visit<br>9. Workshops, Group Discussions, Debates, Presentations<br>10. Project Work<br>11. Project Exhibitions<br>12. Technical Competitions |
| 22 | **Attendance**<br>A minimum of 85% attendance is essential for each course. |
| 23 | **Assessment and Grading**<br>1. Every course will be assessed for a weight of 100<br>2. Assignments- 50% weight<br>3. Semester End Examination-50% weight<br>2. If the marks scored are:<br>• 91 and above O (outstanding); 81-90: A+ (Excellent); 71-80: A (Very Good); 61-70: B+ (Good); 51-60: B (Above Average); below 50: C (Not satisfactory)<br>• If one scores a C grade, the candidate is required to re-register for the course and earn the required credits |

| | |
|---|---|
| | • **A minimum of %0% is required for completion of a course by acquiring a minimum grade (pass) with a minimum of 50% in each component.**<br>**4.** At the end of each semester, a grade card will be issued |
| 24 | **Award of Degree**<br>Every student registering for the program must complete at least **80 credits for the award of M.Sc. Degree**<br>**Award of Degree Certificate:**<br>Students will be issued a consolidated grade card with CGPA displayed and a GM University Degree Certificate.<br>**Award of Gold Medal:**<br>A student with the highest CGPA (Not less than 9.0 on a scale of 10) in the class without getting a C grade in any course over 8 semesters and completing the program within the specified period of 2 years (4 semesters) will be awarded a Gold Medal. |
| 25 | **Student Support for Learning**<br>1. CourseNotes<br>2. Reference Books in the Library<br>3. Magazines and Journals<br>4. Internet Facility<br>5. Computing Facility<br>6. Laboratory Facility<br>7. Workshop Facility<br>8. Staff Support<br>9. Lounges for Discussions<br>10. Any other support that enhances their learning |
| 26 | **Quality Control Measures**<br>1. Review of Course Notes<br>2. Review of Question Papers and Assignment Questions<br>3. Student Feedback<br>4. Moderation of Assessed Work<br>5. Opportunities for students to see their assessed work<br>6. Review by external examiners and external examiners' reports<br>7. Staff Student Consultative Committee meetings<br>8. Student exit feedback<br>9. Course Assessment Board (CAB)<br>10. Programme Assessment Board (PAB) |

**Annexure-7**

**The details of Malpractice Cases in the Examination during 2024-25**

| Academic Year | Total Cases | Faculty | No. of Cases Faculty wise |
|---|---|---|---|
| **2023-24** | Nil | | |
| **2024-25** | **91** | FET | 56 |
| | | FCIT | 10 |
| | | FCM | 19 |
| | | FBAS | 5 |
| | | FLSPP | 1 |

**Annexure-8**

**The Assessment Schedules and Announcement of Results Academic Year 2024-25**

The GMU is practicing the examination-based courses which comprises continues evaluation (CE) and semester end examination (SEE).

| Sl. No. | Year | Date of Exams | Date of result Announcement |
|---|---|---|---|
| 1 | 2023-24 (1st semester BTech and BCA SEE Exams) (2023 Scheme) | 15/02/2024<br>17/02/2024<br>19/02/2024<br>21/02/2024<br>23/02/2024<br>26/02/2024 | 22/03/2024 |
| 2 | 2023-24 (1st semester MCom SEE Exam) (2023 Scheme) | 03/06/2024<br>04/06/2024<br>05/06/2024<br>06/06/2024<br>07/06/2024<br>08/06/2024 | 27/06/2024 |
| 3 | 2023-24 (1st semester MCA & MBA SEE Exam) (2023 Scheme) | 24/06/2024<br>26/06/2024<br>28/06/2024<br>01/07/2024<br>03/07/2024<br>05/07/2024 | 01/08/2024 |
| 4 | 2023-24 (2nd semester BTech & BCA SEE Exams) (2023 Scheme) | 04/07/2024<br>06/07/2024<br>08/07/2024<br>10/07/2024<br>12/07/2024<br>15/07/2024 | 24/07/2024 |
| 5 | 2023-24 (1st semester BTech & BCA Supplementary Exams) (2023 Scheme) | 05/07/2024<br>07/07/2024<br>11/07/2024<br>13/07/2024<br>16/07/2024<br>17/07/2024 | 24/07/2024 |
| 6 | 2023-24 (2nd semester MCom SEE Exam) (2023 Scheme) | 14/10/2024<br>16/10/2024<br>18/10/2024<br>21/10/2024<br>23/10/2024<br>25/10/2024 | 01/08/2024 |

| | | | |
|---|---|---|---|
| 7 | 2023-24<br>(1st & 2nd semester BTech & BCA Makeup Exams)<br><br>(2023 Scheme) | 09/08/2024<br>10/08/2024<br>11/08/2024<br>12/08/2024<br>13/08/2024<br>14/08/2024 | 26/09/2024 |
| 8 | 2023-24<br>(2nd semester MCA and MBA SEE Exam)<br><br>(2023 Scheme) | 14/11/2024<br>16/11/2024<br>19/11/2024<br>21/11/2024<br>23/11/2024<br>25/11/2024 | 02/12/2024 |
| 9 | 2023-24<br>(2nd semester MCA and MBA Makeup Exam)<br><br>(2023 Scheme) | 16/12/2024<br>17/12/2024<br>18/12/2024<br>19/12/2024<br>20/12/2024<br>21/12/2024<br>23/12/2024<br>24/12/2024<br>26/12/2024<br>27/12/2024 | 18/01/2025 |
| 10 | 2023-24<br>(3rd semester BTech and BCA SEE Exams)<br><br>(2023 Scheme) | 23/12/2024<br>26/12/2024<br>28/12/2024<br>30/12/2024<br>01/01/2025<br>03/01/2025 | 10/02/2025 |
| 11 | 2024-25<br>(1st semester UG SEE Exams)<br><br>(2024 Scheme) | 15/01/2025<br>13/01/2025<br>16/01/2025<br>17/01/2025<br>18/01/2025<br>20/01/2025<br>21/01/2025<br>22/01/2025<br>23/01/2025<br>24/01/2025 | 11/02/2025 |
| 12 | 2024-25<br>(2nd & 3rd semester BTech and BCA Makeup Exams)<br><br>(2023 Scheme) | 24/01/2025<br>25/01/2025<br>27/01/2025<br>28/01/2025<br>29/01/2025<br>30/01/2025<br>31/01/2025<br>01/02/2025<br>03/02/2025<br>04/02/2025<br>05/02/2025<br>06/02/2025 | 10/03/2025 |

| | | | |
|---|---|---|---|
| 13 | 2023-24<br>(1st semester UG SEE Exam)<br><br>(2023 Scheme & 2024 Scheme) | 18/02/2025<br>20/02/2025<br>22/02/2025<br>24/02/2025<br>27/02/2025<br>01/03/2025 | 10/03/2025 & 11/03/2025 |
| 14 | 2024-25<br>(3rd semester MCom SEE Exam)<br><br>(2023 Scheme) | 02/04/2025<br>04/04/2025<br>07/04/2025<br>09/04/2025 | 18/04/2025 |
| 15 | 2024-24<br>(1st semester PG SEE Exam)<br><br>(2024 Scheme) | 17/04/2025<br>19/04/2025<br>21/04/2025<br>23/04/2025<br>25/04/2025<br>28/04/2025 | 08/05/2025 |
| 16 | 2024-24<br>(1st semester LLB SEE Exam)<br><br>(2024 Scheme) | 17/04/2025<br>19/04/2025<br>21/04/2025<br>23/04/2025<br>25/04/2025<br>28/04/2025 | 08/05/2025 |
| 17 | 2024-25<br>(3rd semester MCom Makeup Exam)<br><br>(2023 Scheme) | 14/05/2025 | 18/05/2025 |
| 18 | 2024-25<br>(3rd semester MCA and MBA SEE Exam)<br><br>(2023 Scheme) | 14/05/2025<br>16/05/2025<br>19/05/2025<br>21/05/2025<br>23/05/2025<br>26/05/2025<br>28/05/2025<br>30/05/2025 | 10/06/2025 |

| | | | |
|---|---|---|---|
| 19 | 2024-25<br>(1st semester PG Makeup Exam)<br><br>(2023 Scheme & 2024 Scheme) | 22/05/2025<br>24/05/2025<br>27/05/2025<br>29/05/2025<br>31/05/2025<br>02/06/2025 | 15/06/2025(Resit) &<br>01/07/2025(RR) |
| 20 | 2024-25<br>(2nd & 3rd semester MCA and MBA Makeup Exam)<br><br>(2023 Scheme & 2024 Scheme) | 19/06/2025<br>20/06/2025<br>21/06/2025<br>23/06/2025<br>24/06/2025<br>25/06/2025<br>26/06/2025<br>27/06/2025<br>28/06/2025<br>30/06/2025<br>01/07/2025<br>02/07/2025<br>03/07/2025<br>04/07/2025 | 12/07/2025 |
| 21 | 2024-25<br>(4th semester BTech and BCA SEE Exams)<br><br>(2023 Scheme) | 23/06/2025<br>25/06/2025<br>27/06/2025<br>30/06/2025<br>02/07/2025 | 16/07/2025 |
| 22 | 2024-25<br>(PhD<br>Course Work Exams)<br><br>(2023 Scheme & 2024 Scheme) | 28/06/2025<br>29/06/2025<br>05/07/2025 | 18/07/2025 |
| 23 | 2024-25<br>(1st semester BTech and BCA Makeup Exam)<br><br>(2023 Scheme) | 07/07/2025<br>08/07/2025<br>09/07/2025<br>10/07/2025<br>11/07/2025<br>12/07/2025 | Yet to announce |
| 24 | 2024-25<br>(2nd semester BTech and BCA Makeup Exam)<br><br>(2023 Scheme) | 14/07/2025<br>15/07/2025<br>16/07/2025<br>17/07/2025<br>18/07/2025 | Yet to announce |

| | | | |
|---|---|---|---|
| 25 | 2024-25<br>(2nd semester UG SEE Exam)<br><br>(2024 Scheme) | 14/07/2025<br>15/07/2025<br>16/07/2025<br>17/07/2025<br>18/07/2025<br>19/07/2025<br>21/07/2025<br>22/07/2025<br>23/07/2025<br>24/07/2025<br>26/07/2025 | Yet to announce |
| 26 | 2024-25<br>(3rd semester BTech and BCA Makeup Exam)<br><br>(2023 Scheme) | 31/07/2025<br>02/08/2025<br>05/08/2025<br>07/08/2025<br>09/08/2025 | Yet to announce |
| 27 | 2024-25<br>(4th semester BTech and BCA Makeup Exam)<br><br>(2023 Scheme) | 01/08/2025<br>04/08/2025<br>06/08/2025<br>08/08/2025<br>11/08/2025 | Yet to announce |

**Annexure-9**

**Admission Status through Entrance Test**

| Name of the National/state level entrance exam | No. of students admitted | % of students from the total admitted | Remarks |
|---|---|---|---|
| K-CET | 452 | 38.46 | As per the GM University Act |
| K-PGCET | 90 | 40.00 | As per the GM University Act |

**Annexure-10**

**Eligibility Criteria- For All Programs**

Students seeking admission to programs of GMU need to meet the following eligibility criteria.

| Program | Eligibility Criteria | Contact |
|---|---|---|
| **Faculty of Engineering and Technology** | | |
| **B.Tech. in**<br>1. Computer Science andEngineering (CSE)<br>2. Computer Science - AI & ML<br>3. InformationScience and Engineering<br>4. Computer Science- Data Science<br>5. Computer Science- Cloud Computing<br>6. Computer Science- Cyber Security<br>7. Computer Science- Information security<br>8. Computer Science- Business System<br>9. Computer | 1. As notified by the Government of Karnataka from time to time<br>2. The candidate shall have passedtwo years Pre-University Examination conducted by Board of Pre-University Education, Karnataka State or12th Standard or its equivalent recognised by the University with English as one of the languages and Physics, Mathematics as compulsory subjects along with Chemistry / Biotechnology / Biology / Computer Science/ Electronics asthe optional subjects.<br>3. The candidate should have obtained at least 50% mark. However, in the case of candidates from Karnataka belonging to SC/ST/CAT-1, marks shall not beless than 45%.<br>4. Admission to II year/ III semester bachelor's degree in engineering/ technology (Lateral Entry) shall be open to the candidates who are holders ofa diploma or equivalent qualification as recognized by university and the student should have | Contact Mob. 9364099712<br>E- mail: manager.pmbb@gmu.ac.in |

| | | |
|---|---|---|
| Science-IoT<br>10. Electronics and Communication Engineering<br>11. Electrical and Electronics Engineering<br>12. Robotics and Automation<br>13. Engineering Design<br>14. Civil Engineering<br>15. Biotechnology | obtained atleast 50% mark. However, in the case of candidates fromKarnataka belonging to SC/ST/CAT-1, marks shall not beless than 45%. | |
| **M. Tech. Programs**<br>1. Data Engineering<br>2. Deep Learning<br>3. Artificial Intelligence inHealth Care<br>4. Computer Aided StructuralEngineering | General Criteria:<br>1. As notified by the Government of Karnataka from time to time.<br>2. Admission to MTech course shallbe open to candidates who have passed BE / BTech Examination fromUGC recognised University in related engineering domain with not less than 50% of the marks in aggregate of all the semesters.<br>3. However, in the case of candidates fromKarnataka belonging to SC/ST/CAT-1 Marks shall not beless than 45%.<br>Specific Criteria:<br>Candidate shall have a valid GATE Score/PGCET Score/GMUSET Score | |

| Faculty of Computing and IT | | |
|---|---|---|
| **BCA/B.Sc.**<br><br>1. BCA- Computer Applications<br><br>2. BSC- DataScience<br><br>3. BSc- AI andData Analytics<br><br>4. BSc- ComputerScience | 1. As notified by the Government of Karnataka from time to time<br><br>2. A candidate who has passed the two years Pre-University Examination conducted by Board of Pre- University Education, Karnataka State orany other 10+2 boards of any state in India or its equivalent recognised by the UGC<br><br>3. Any student whohas passed PUC – II Science, Arts or Commerce securing a minimum of 40% of marks. However, in the case of candidates from Karnataka belonging to SC/ST/CAT-1, Marks shall not be less than 35%<br><br>4. A candidate who has passed JODC – with mathematics, Accountancy, Computer Science, and Electronics as oneof the subjects studied / Three years Diploma in Engineering of Government of Karnataka or any other examinationconsidered as equivalent thereto shall be eligible for admission. | |

| Faculty of Basic and Applied Sciences | | |
|---|---|---|
| **BSc**<br>1. BSc-Major (M, CS), Minor (P/ S/E)<br>2. BSc-Major (S, CS), Minor (P/M/E)<br>3. BSc-Major (P,M), Minor (CS/S/E)<br>4. BSc-Major (P,C), Minor (CS/M/E)<br>5. BSc-Major (C,CS), Minor (P/M/E)<br>6. 6. BSc-Major (B,Z), Minor (C/EC/CS/S)<br>7. BSc-Major (C,Z), Minor (B/EC/CS/S)<br>8. BSc -Major (C,B), minor(BC/MB/CS/S)<br>9. BSc- Major(BT), Minor(CS/BC)<br>10. BSc- Major(FST) Minor(Z/BC/CS)<br>11. BScMajor(MB)Minor(Z/C/BC/CS) | 1. As notified by the Government of Karnataka from time to time.<br>2. A candidate who has passed the two years Pre-University Examination conducted by Board of Pre-University Education, Karnataka State or any other 10+2 boards of any state in India or its equivalent recognized by the UGC.<br>3. Any student who has passed PUC –II Science, securing a minimum of 35% of marks. | |
| **MSc**<br>1. MSc (Physics)<br>2. MSc (Chemistry)<br>3.MSc(Mathematics) | 1. As notified by the Government of Karnataka from time to time<br>2. A candidate who has passed BSc Degree Examination in their respective specialization of any recognized University and has secured not less than 50%.<br>3. In case of SC/ST/Cat- I candidates, there will be a relaxation of 5% in the aggregate of marks obtained.<br>4. Candidate should have GMUSET score | |

| Faculty of Commerce and Management | | |
|---|---|---|
| **B Com/BBA**<br><br>1. B Com Accounting and Finance<br><br>2. B Com Banking and Insurance<br><br>3. B Com Accounting and Taxation<br><br>4. B Com General<br><br>5. BBA. Digital Marketing and social media<br><br>6. BBA BusinessAnalytics<br><br>7. BBA Innovationand Entrepreneurship<br><br>8. BBA Logisticsand Supply Chain Management<br><br>9. BBA HumanResource Management<br><br>10. BBA Generalmanagement<br><br>11. BBA Marketingand Sales | 1.As notified by the Government of Karnataka from time to time.<br><br>2. A candidate who has passed the two years Pre-University Examination conducted by Board of Pre-University Education, Karnataka State or any other 10+2 boards of any state in India or its equivalent recognized by the UGC.<br><br>3. Any student whohas passed PUC – II Science, Arts or Commerce securing a minimum of 35% of marks.<br><br>4. A candidate who has passed JODC / Three years Diploma in Engineering of Government of Karnataka or any other examination considered as equivalent theretoshall be eligible for admission. | |
| **M.Com.**<br><br>1. M Com Accounting andTaxation | 1. As notified by the Government of Karnataka from time to time.<br><br>2. A candidate who has passedthe B. Com/B.B.M. Degree Examination of any University recognized thereto and hassecured not lessthan 50%<br><br>3. In case of SC/ST/Cat I candidates, there will be a relaxationof 5% in the | |

| | | |
|---|---|---|
| | aggregate of marks obtained. | |
| **MBA**<br><br>1. MBA GeneralManagement<br><br>2. MBA Innovation and Entrepreneurship<br><br>3. MBA InternationalBusiness<br><br>4. MBA Agricultural Marketing | 1. As notified by the Government of Karnataka from time to time.<br><br>2. A candidate who has passedthe B. Com/B.B.M. Degree Examination of any University recognized thereto and has secured not lessthan 50%<br><br>3. In case of SC/ST/Cat I candidates, there will be a relaxationof 5% in the aggregate of marks obtained.<br><br>4. Candidate should have GMUSET score | |

| Faculty of Legal Studies | | |
|---|---|---|
| **B Com LLB, BA LLB** | 1. As notified by the Government of Karnataka from time to time<br><br>2. A candidate who has passed the two years Pre- University Examination conducted by Board of Pre-University Education, Karnataka State orany other 10+2 boards of any state in India or its equivalent recognized by the UGC<br><br>3. Any student whohas passed PUC – II Science, Arts or Commerce securing a minimum of 40% of marks in aggregate.<br><br>4. Candidate should have GMUSET score | |
| **LLB** | 1. As notified by the Government of Karna taka from time to time<br><br>2. A graduate degree under 10+2+3 or 10+2+4 pattern under any discipline securing at least 50% marks in aggregate including languages from a recognized university in India or abroad.<br><br>3. In case of SC/ST/CAT-I candidates, there will be a relaxation of 5% in the aggregate of marks obtained.<br><br>4. Candidate should have GMUSET score | |

| Faculty of Health and Allied Sciences | | |
|---|---|---|
| **D. Pharm** | 1. As notified by the Government of Karnataka, Board of Examination Authority, Bengaluru and PCI-New Delhi from time to time.<br><br>2. Candidates whohave passed two years Pre-University Examination conducted by Board of Pre- University Education, Karnataka State orany equivalent examination of any other approved Board or university with not less than 35% marks in any combination comprising P.C.M or P.C.B (minimum eligibility should be based on the aggregate of P.C.M. or P.C.B**)** or P.C.M.B, PC and computer Sciences, P.C and Electronic<br><br>3. Candidate should have GMUSET score | |
| **B. Pharm**. | 1. As notified by the Government of Karnataka, RGUHS and PCI from time to time<br><br>2. Candidates who have passed two years Pre-University Examination conducted by Board of Pre- University Education, Karnataka State or any equivalent examination of any other approved Board or university with not less than 45% marks in any combination comprising | |

| | | |
|---|---|---|
| | P.C.M or P.C.B (minimum eligibility should be based on the aggregate of P.C.M. or P.C.B) or P.C.M.B, PC and computer Sciences, P.C and Electronics<br><br>3. In case of students belonging to SC/ST/ or Category-I, the minimum percentage of marks for admission to B. Pharm Course shall be not less than 40% in P.U.C or its equivalent examination (P.C.B. or P.C.M. or P.C.M.B) P.C and Computer Science, P.C and Electronics.<br><br>4. Candidates who have passed D. Pharmacy course with not less than 50% aggregate approved by Pharmacy Council of India shall also be eligible for this course and shall be admitted directly to II-Yr. B. Pharm course 10% over and above the sanctioned intake and shall have to study Mathematics, Computer science & Statistics of I Yr- B. Pharm in addition to the II Yr- B. Pharm subjects | |

**Annexure-11**

**The seat matrix of Karnataka Government for GMU**

| Category | No. of students admitted | % of quota provided for reservation and preparation in respect of actual enrolment | Remarks |
|---|---|---|---|
| SC | 55 | 49.09 | Quota partly utilized |
| ST | 23 | 26.08 | Quota underutilized |
| OBC | 222 | 47.07 | Quota moderately utilized |
| General | 454 | 41.63 | Open category admissions significant |

**Annexure-12**

**Management Quota**

| Course Name | Total No. of Seats (Course wise) | No. of total students admitted | No. of students admitted under Management quota | % of students admitted under management quota |
|---|---|---|---|---|
| **B. Tech** | 1620 | 1175 | 723 | 61.54 |
| **BCA/BSc** | 420 | 252 | 252 | 100.00 |
| **B. Com** | 240 | 106 | 106 | 100.00 |
| **BSc** | 360 | 186 | 186 | 100.00 |
| **BBA** | 420 | 41 | 41 | 100.00 |
| **Total** | **3060** | **1760** | **1308** | **74.40** |
| **M. Tech** | 120 | 66 | 59 | 89.39 |
| **MBA** | 420 | 85 | 49 | 57.64 |
| **MCA** | 120 | 71 | 41 | 57.74 |
| **MSc (IT)** | 90 | 0 | 0 | 0 |
| **M.Com** | 60 | 9 | 9 | 100.00 |
| **M. Sc (Sciences)** | 90 | 14 | 14 | 100.00 |
| **Total** | **900** | **245** | **172** | **70.20** |
| **Diploma** | **0** | **0** | **0** | **0** |
| **Ph. D** | **80** | **43** | **43** | **100.00** |

**Annexure-13**

**University Fee Structure**

| B.Tech. and Honors Students Total Assessment Fee in Rupees | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Semester** | **Program Fee** | **Exam Fee** | **D-Fee** | **Convocation** | **SA** | **CASP-1** | **CASP-2** | **Inno** | **Comp.** | **Total** | **Year wise** |
| 1st Year | Sem-1 | 50% of PF | 3500 | | | 1000 | | | 500 | | 5000 | 12400 |
| | Sem-2 | 50% of PF | 3500 | | | | 600 | | | 3300 | 7400 | |
| 2nd Year | Sem-3 | 50% of PF | 3500 | | | 1000 | 600 | | 500 | 3300 | 8900 | 17050 |
| | Sem-4 | 50% of PF | 3500 | | | | 600 | 750 | | 3300 | 8150 | |
| 3rd Year | Sem-5 | 50% of PF | 3500 | | | 1000 | | 750 | 500 | 3300 | 9050 | 16600 |
| | Sem-6 | 50% of PF | 3500 | | | | | 750 | | 3300 | 7550 | |
| 4th year | Sem-7 | 50% of PF | 3500 | | | 1000 | | | 500 | | 5000 | 12500 |
| | Sem-8 | 50% of PF | 3500 | 500 | 3500 | | | | | | 6900 | |

| BCA, BSc, BCom and BBA Students Total Assessment Fee in Rupees | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Semester** | **Program Fee** | **Exam Fee** | **D-Fee** | **Convocation** | **SA** | **CASP-1** | **CASP-2** | **Inno** | **Comp.** | **Total** | **Year wise** |
| 1st Year | Sem-1 | 50% of PF | 3500 | | | 1000 | | | 500 | | 5000 | 12400 |
| | Sem-2 | 50% of PF | 3500 | | | | 600 | | | 3300 | 7400 | |
| 2nd Year | Sem-3 | 50% of PF | 3500 | | | 1000 | 600 | | 500 | 3300 | 8900 | 17050 |
| | Sem-4 | 50% of PF | 3500 | | | | 600 | 750 | | 3300 | 8150 | |
| 3rd Year | Sem-5 | 50% of PF | 3500 | | | 1000 | | | 500 | 3300 | 8300 | 19100 |
| | Sem-6 | 50% of PF | 3500 | 500 | 3500 | | | | | 3300 | 10200 | |

| PG Students Total Assessment Fee in Rupees | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Semester | Program Fee | Exam Fee | D-Fee | Convocation | SA | CASP-1 | CASP-2 | Inno | Comp. | Total | Year wise |
| 1st Year | Sem-1 | 50% of PF | 3500 | | | 1000 | | | 500 | 3300 | 8300 | 16450 |
| | Sem-2 | 50% of PF | 3500 | | | | 600 | 750 | | 3300 | 8150 | |
| 2nd Year | Sem-3 | 50% of PF | 3500 | | | 1000 | 600 | | 500 | 3300 | 8900 | 19700 |
| | Sem-4 | 50% of PF | 3500 | 500 | 3500 | | | | | 3300 | 10200 | |

The program fee details are given as under,

**Programs and Fees: 2024-25**

| Faculty | UG Programs Offered | Intake | 1st Year | 2nd Year | 3rd Year | 4th Year |
|---|---|---|---|---|---|---|
| FET | 1. Computer Science and Engineering (CSE) | 180 | 250000 | 250000 | 250000 | 250000 |
| | 2. Computer Science - AI & ML | 120 | 200000 | 200000 | 200000 | 200000 |
| | 3. Information Science and Engineering | 120 | 200000 | 200000 | 200000 | 200000 |
| | 4. Computer Science-Data Science | 120 | 200000 | 200000 | 200000 | 200000 |
| | 5. Computer Science-Cloud Computing | 120 | 175000 | 175000 | 175000 | 175000 |
| | 6. Computer Science-Cyber Security | 120 | 175000 | 175000 | 175000 | 175000 |
| | 7. Computer Science-Information Security | 120 | 175000 | 175000 | 175000 | 175000 |
| | 8. Computer Science-Business System | 120 | 175000 | 175000 | 175000 | 175000 |
| | 9. Computer Science-IoT | 120 | 175000 | 175000 | 175000 | 175000 |
| | 10. Electronics and Communication Engineering | 120 | 175000 | 175000 | 175000 | 175000 |
| | 11. Electrical and Electronics Engineering | 120 | 150000 | 150000 | 150000 | 150000 |
| | 12. Robotics and Automation | 60 | 150000 | 150000 | 150000 | 150000 |
| | 13. Engineering Design | 60 | 125000 | 125000 | 125000 | 125000 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 14. ~~Infrastructural~~ Civil Engineering | 60 | 125000 | 125000 | 125000 | 125000 |
| | 15. Biotechnology | 60 | 125000 | 125000 | 125000 | 125000 |
| | M. Tech. | | | | | |
| | 16. | 30 | 125000 | 125000 | | |
| | 17. | 30 | 125000 | 125000 | | |
| | 18. | 30 | 125000 | 125000 | | |
| | 19. | 30 | 125000 | 125000 | | |

No laptop

Laptop can be purchased from university by paying Laptop price in two yearly instalments

**Note:**

1. [illegible]erving candidates may be given a maximum of Rs. 20000/- concession during admission from additional payment made, if [illegible]uest was made by the candidate or his/her guardian
2. [illegible]didates of GM group of Institutions seeking admission to GM University will be given a concession of Rs. 20000/- at the time [illegible]dmission
4. [illegible]didates who come with recommendations will be given a concession not exceeding Rs. 20000/- in additional amount paid
5. [illegible]niversity admitted students (not CET students) will be issued a laptop before starting of classes for 1st year

| | | | | | | |
|---|---|---|---|---|---|---|
| FCIT | 1. BCA- Computer Applications | 240 | 85000 | 95000 | 95000 | 85000 |
| | 2. BSC- Data Science | 60 | 95000 | 95000 | 95000 | 95000 |
| | 3. BSc- AI and Data Analytics | 60 | 95000 | 95000 | 95000 | 95000 |
| | 4. BSc- Computer Science | 60 | 75000 | 75000 | 75000 | 75000 |
| | 5. MCA- Computer Applications | 120 | 135000 | 135000 | | |
| | 6. MSc- Data Science | 30 | 125000 | 125000 | | |
| | 7. MSc- AI and Data Analytics | 30 | 125000 | 125000 | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 8. MSc- Cyber Security | 30 | 100000 | | 100000 | | |
| | **Note:**<br>• All Students will be provided with Laptop<br>• For UG students a maximum of Rs. 5K may be given concession at the time of admission if the candidate makes a request<br>• For PG students, concession in fee during admission will be given if request is made by the candidate as per the following table<br>o C>= 9 CGPA-----10K<br>o 8<=C< 9 .....7K<br>o 7<= C< 8.....6K<br>o 6<=C<7 .....5K | | | | | | |
| **FBAS** | **1.** BSc-Major (M, CS), Minor (P/ S/E) | 30 | 50000 | 50000 | 50000 | 50000 | |
| | **2.** BSc-Major (S, CS), Minor (P/M/E) | 30 | 50000 | 50000 | 50000 | 50000 | |
| | **3.** BSc-Major (P, M), Minor (CS/ S/E) | 30 | 50000 | 50000 | 50000 | 50000 | |
| | **4.** BSc-Major (P, C), Minor (CS/ M/E) | 30 | 50000 | 50000 | 50000 | 50000 | |
| | **5.** BSc-Major (C, CS), Minor (P/ M/E) | 60 | 50000 | 50000 | 50000 | 50000 | |
| | **6.** BSc-Major (B, Z), Minor (C/ EC/CS/S) | 30 | 50000 | 50000 | 50000 | 50000 | |
| | **7.** BSc-Major (C, Z), Minor (B/ EC/CS/S) | 30 | 50000 | 50000 | 50000 | 50000 | |
| | **8.** BSc -Major (C, B), minor (BC/MB/CS/S) | 30 | 50000 | 50000 | 50000 | 50000 | |
| | **9.** BSc- Major (BT), Minor (CS/BC) | 30 | 80000 | 80000 | 80000 | 80000 | |
| | **10.** BSc- Major (FST) Minor (Z/C/CS) | 30 | 80000 | 80000 | 80000 | 80000 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 11. BSc- Major(MB), Minor(Z/BC/CS) | 30 | 80000 | 80000 | 80000 | 80000 |
| | 12. MSc (Physics) | 30 | 75000 | 75000 | | |
| | 13. MSc (Chemistry) | 30 | 75000 | 75000 | | |
| | 14. MSc (Mathematics) | 30 | 75000 | 75000 | | |

**Note:**

1. Students will not be provided with Laptop
2. For UG students a maximum of Rs. 5K may be given concession at the time of admission if the candidate makes a request for programs 1-8 and a maximum of 10K for programs 9-10-11
3. For PG students a maximum of Rs. 5K may be given concession at the time of admission if the candidate makes a request

| | | | | | | |
|---|---|---|---|---|---|---|
| FCM | 1. B Com Accounting and Finance | 60 | 75000 | 75000 | 75000 | 75000 |
| | 2. B Com Banking and Insurance | 60 | 75000 | 75000 | 75000 | 75000 |
| | 3. B Com Accounting and Taxation | 60 | 75000 | 75000 | 75000 | 75000 |
| | 4. B Com General | 60 | 60000 | 60000 | 60000 | 60000 |
| | 5. BBA. Digital Marketing and social media | 60 | 60000 | 60000 | 60000 | 60000 |
| | 6. BBA Business Analytics | 60 | 60000 | 60000 | 60000 | 60000 |
| | 7. BBA Innovation and Entrepreneurship | 60 | 60000 | 60000 | 60000 | 60000 |
| | 8. BBA Logistics and Supply Chain Management | 60 | 60000 | 60000 | 60000 | 60000 |
| | 9. BBA Human Resource Management | 60 | 60000 | 60000 | 60000 | 60000 |
| | 10. BBA General management | 60 | 60000 | 60000 | 60000 | 60000 |
| | 11. BBA Marketing and Sales | 60 | 60000 | 60000 | 60000 | 60000 |
| | 12. M Com Accounting, Forensic Accounting and Taxation | 60 | 85000 | 85000 | | |
| | 13. MBA General Management | 60 | 165000 | 165000 | | |
| | 14. MBA Innovation and Entrepreneurship | 60 | 165000 | 165000 | | |
| | 15. MBA International Business | 60 | 165000 | 165000 | | |
| | 16. MBA Agricultural Marketing | 60 | 165000 | 165000 | | |

**Total No. of UG and PG Programs and Intake:**

| Faculty | UG Programs | PG Programs | UG Intake | PG Intake | Total |
|---|---|---|---|---|---|
| FET | 15 | 04 | 1620 | 120 | 1740 |
| FCIT | 04 | 04 | 420 | 210 | 630 |
| FBAS | 11 | 03 | 360 | 90 | 450 |
| FCM | 11 (4 BCom+7 BBA) | 05 | 660 | 360 | 1020 |
| Total | 41 | 16 | 3060 | 780 | 3840 |

**Law Program will be added after approval and sanction of intake**

**Approval of Chancellor** 07-12-23

07-12-23

**Date of Approval**

**Annexure-14**

# The Hostel fee structure for the academic year 2024-25

| Sl. No. | TYPE OF ROOMS | Year | FEE 2024-25 | REMARKS |
|---|---|---|---|---|
| 1 | 2 Bed attached (only in Boys Hostel) | I | **95,000/-** | BOYS |
| | | II | **90,000/-** | |
| | | III | **88,000/-** | |
| | | IV | **88,000/-** | |
| 2 | 3 Bed attached (Boys and Girls hostel) | I | **92,000/-** | **BOYS & GIRLS** |
| | | II | **88,000/-** | |
| | | III | **86,000/-** | |
| | | IV | **86,000/-** | |
| 3 | 3 Bed non attached (only in Boys hostel) | | **85,000/-** | BOYS |
| 4 | 4 Bed Attached | | **80,000/-** | **BOYS & GIRLS** |
| 5 | 4 Bed non attached | | **78,000/-** | Boys and Girls |
| 6 | 6/8 Non-attached dormitory type | | **70,000/-** | |
| 7 | 3 Bed New/executive/upgraded rooms | | **1,10,000/-** | |

- Above Fee **do not include** any deposit (NO REFUND).
- However, the hostel fee will be revised every year according to inflation.

**Annexure-15**

**Advertisement for Faculty Members and Staff Selection Committee**

| Sl. No | Advertisement Source | Page No/ Link | Date | Purpose |
|---|---|---|---|---|
| **1.** | **Prajavani & Deccan Herald** | Page 3<br>(All Karnataka) | 16.06.2024 | Associate professors, Assistant professors Recruitment |
| **2.** | **Vijaya Karnataka & Times Of India** | Page 3<br>(All Karnataka) | 25.08.2024 | Faculty Recruitment |
| **3.** | **VijayaVani** | Page 3<br>(All Karnataka) | 10-08-2025 | Faculty Recruitment |
| **4.** | **LinkedIn** | https://www.linkedin.com/posts/director-human-resources-b43a09311_hiring-academicjobs-cse-activity-7346029485869162496-ynIG?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEzNePYBpDNpF9bJrWCycwy5fcc-5B0Von0 | 10.07.2025 | Associate professors, Assistant professors Recruitment |
| **5.** | **LinkedIn** | https://www.linkedin.com/posts/director-human-resources-b43a09311_activity-7222899057323638784-L9Ds?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEzNePYBpDNpF9bJrWCycwy5fcc-5B0Von0 | 16.06.2024 | Associate professors, Assistant professors Recruitment |

**Photo gallery:**

**Prajavani - 16.06.2024**




**Deccan Herald - 16.06.2024**



**Vijaya Karnataka & Times of India - 25.08.2024**




**Vijayavani - 10-08-2025**




**LinkedIn (SL No 4)**




**LinkedIn (SL No 5)**



**Recruitment of Faculty**

**The following members constitute the committee:**

| Sl. No | Name | Designation |
|---|---|---|
| 1 | Dr. H D Maheshappa | Pro. Vice Chancellor- Chair Person |
| 2 | Dr. Sunil Kumar B. S. | Registrar, Member |
| 3 | Mr. Deepak S D | Director HR, Member |
| 3 | Dean/ Director | Member |
| 4 | Head of the Department | Member |
| 5 | Subject Experts | Member |

**GMU Faculty recruitment policies-** https://gmu.ac.in/assets/downloadmaterial/Institutional_Documents/GMU%20Policy.pdf

**Recruitment of Technical Staff including helpers, attenders and others**

**The following members constitute the committee:**

| Sl. No | Name | Designation |
|---|---|---|
| 1 | Mr. Y.U. Subhashchandra | MR, Chair Person |
| 2 | Dr. Sunil Kumar B. S. | Registrar, Vice – Chairperson |
| 3 | CA Ashok Kumar | CFO, Member |
| 4 | Dr. Girish Bolakatti | Principal GMIPSR, Chief Hostel Warden |
| 5 | Mr. Shivamurthy | SPL Infra Developers |
| 6 | Dr. Veeragandadhara Swamy | Director, Human Resources, GM University |
| 7 | Mr. Punith C G | Deputy Director, Campus Management |
| 8 | Mr. Thippeswamy | Director, ICT |

**Roles and Responsibilities of the Committee:**

1. Identify, interview, and select suitable candidates for the mentioned positions.
2. Fix the remuneration of the selected candidates based on GMU's pay scales or as per negotiations, taking into account their experience and capabilities.
3. Ensure the selected candidates are formally included in the roles of GM University.
4. GMU-HR director will issue appointment letters to the selected candidates duly signed by HR Director and Registrar

We trust the committee will carry out its responsibilities with utmost diligence and professionalism to ensure the recruitment of competent and skilled individuals.

**Annexure-16**

**Faculty Appraisal Details**

This form to be filled by Appraise, Appraising Authority will check for its Correctness and Award Marks

| | | | | | |
|---|---|---|---|---|---|
| Name | | | | | |
| Department | | | | | |
| School | | | | | |
| Faculty | | | | | |
| Employee ID | | | | | |
| Designation | | | | | |
| Year of Joining | | | | | |
| Appraisal Period | | August 2024- July 2025 | | | |
| | | | | | |
| **Academic: 30% weight** | | | | | |
| List the courses Taught during the Academic Year | | | | | |
| Program & Semester | Course Title | Average Student Feedback | Percentage Result | Class Average Grade | Average Attainment Level 1 highest, 2 medium, 3 low |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Weekly Academic load in terms of Academic units | | | | | |
| Maintained Academic Teaching Dairy | | | | | |
| Maintained Student Register Upto Date | | | | | |
| Evaluation of answer scripts done on time | | | | | |
| Marks Entry of students done on time | | | | | |
| Maintained regularity to classes | | | | | |
| Taught the courses as per syllabus/outcomes and academic credits | | | | | |
| Course Attainment Calculations done | | | | | |
| Courses and Course Teaching Material Developed | | | | | |
| | | | | | |
| **Marks Awarded by Appraising Authority** | | | | | |

| Research: 25% | | | | | |
|---|---|---|---|---|---|
| PhD Guidance | | | | | |
| Research- Journal Publications | | | | | |
| Conference Publications | | | | | |
| Organising Conference | | | | | |
| Research Funding Availed | | | | | |
| Established Centre of Excellence | | | | | |
| Contribution to GMU-Research Bulletin | | | | | |
| | | | | | |
| | | | | | |
| **Marks Awarded by Appraising Authority** | | | | | |
| **Training and Competency Development-15% weight** | | | | | |
| List the Training Courses Taught with number of students in each course | | | | | |
| List the training undergone if any | | | | | |
| List the FDP program undergone any | | | | | |
| List FDP programs conducted if any | | | | | |
| | | | | | |
| **Marks Awarded by Appraising Authority** | | | | | |
| **Consultancy, IPR, Innovation and Incubation, Industry Interaction-15% wight** | | | | | |
| List consultancy Projects undertaken | | | | | |
| List Patents Filed | | | | | |
| List Guided/involved in Innovation workshops/Training | | | | | |
| Any contribution to new product development and setting up start-ups | | | | | |
| | | | | | |
| **Marks Awarded by Appraising Authority** | | | | | |
| **Administration- 15% weight** | | | | | |
| Marketing and Brand Building | | | | | |
| Student Affairs | | | | | |
| Career Advice and Students Placements | | | | | |
| Innovation and Entrepreneurship | | | | | |
| Examination and Evaluation | | | | | |
| University Documentation | | | | | |
| IQAC | | | | | |
| Student Proctoring | | | | | |
| | | | | | |
| **Marks Awarded by Appraising Authority** | | | | | |
| | | | | | |
| | | | | | |
| **Total Marks Awarded** | | | | | |
| Comments if Any | | | | | |
| Recommendations to the candidate | | | | | |
| Recommendations to the Management | | | | | |
| Signature of the Appraising Authority | | | | | |

**Annexure-17**

**Salary Scales of GMU**

**GM University- Faculty Salary- Grades, Salary Scales, Promotion Policies**

**School of Computer Science and Technology**

<table>
<tr><th colspan="4">School of Computer Science and Technology</th></tr>
<tr><th>Assistant Professor-Grade -1</th><th>Qualification Required</th><th>Work Experience</th><th colspan="2">Salary Scale-Basic</th></tr>
<tr><td rowspan="15"></td><td rowspan="15">1. "Master of Technology/Engineering in any branch of Computer Science and Engineering, with a Bachelor's Degree in any engineering discipline, preferably in Computer Science and Engineering or Information Science and Engineering or as per UGC/AICTE norms<br>2. Candidates are required to have secured a first-class degree in either their Bachelor's or Master's degree, or both."<br>"The degree must be awarded by any university recognized by the UGC or by a renowned foreign university for a Master's degree."</td><td rowspan="15">1. "Candidates with no experience or up to four years of experience in teaching/research can apply for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>3. If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience.</td><td>0</td><td>33500</td></tr>
<tr><td>1</td><td>34500</td></tr>
<tr><td>2</td><td>35500</td></tr>
<tr><td>3</td><td>36600</td></tr>
<tr><td>4</td><td>37700</td></tr>
<tr><td colspan="2">All candidates are paid HRA of 8% above the basic</td></tr>
<tr><td colspan="2">Gross Salary</td></tr>
<tr><td>0</td><td>36180</td></tr>
<tr><td>1</td><td>37260</td></tr>
<tr><td>2</td><td>38240</td></tr>
<tr><td>3</td><td>39528</td></tr>
<tr><td>4</td><td>40716</td></tr>
</table>

<table>
<tr><th>Assistant Professor - Grade -2</th><th>Qualification Required</th><th>Work Experience</th><th colspan="2">Salary Scale-Basic</th></tr>
<tr><td rowspan="15"></td><td rowspan="15">1. "Master of Technology/Engineering in any branch of Computer Science and Engineering with a Bachelor’s Degree in any Engineering Discipline, preferably Computer Science and Engineering/Information Science and Engineering or as per UGC/AICTE norms.<br><br>2. The candidate is required to have secured a first-class degree in either the Bachelor’s degree or Master’s degree or both.<br><br>3. The degree awarded must be from any recognized university under UGC or a Master’s degree from a renowned foreign university."</td><td rowspan="15">1. "Candidates with 5 years of experience or up to nine years of experience in teaching/research can apply for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>3. If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience.</td><td>5</td><td>40000</td></tr>
<tr><td>6</td><td>41200</td></tr>
<tr><td>7</td><td>42400</td></tr>
<tr><td>8</td><td>43700</td></tr>
<tr><td>9</td><td>45000</td></tr>
<tr><td colspan="2">All candidates are paid HRA of 8% above the basic<br><br>Gross Salary</td></tr>
<tr><td>5</td><td>43200</td></tr>
<tr><td>6</td><td>44496</td></tr>
<tr><td>7</td><td>45792</td></tr>
<tr><td>8</td><td>47196</td></tr>
<tr><td>9</td><td>48600</td></tr>
<tr><td colspan="2"></td></tr>
</table>

| Assistant Professor - Grade -3 | Qualification Required | Work Experience | Salary -Basic Scale | |
|---|---|---|---|---|
| | 1. "Master of Technology/Engineering in any branch of Computer Science and Engineering with a Bachelor's Degree in any Engineering Discipline, preferably Computer Science and Engineering/Information Science and Engineering or as per UGC/AICTE norms.<br><br>2. The candidate is required to have secured a first-class degree either in a Bachelor's degree or a master's degree or both.<br>3. The degree awarded must be from any recognized University under UGC or a Master's degree from a renowned foreign University.<br>4. Candidates with a PhD degree will also be considered for this grade. A fresh PhD will be offered an Assistant Professor - Grade -3 position that is the candidate's salary is fixed with a basic salary equivalent to 17th year as described in the accompanying table.<br>5. A candidate currently employed by the Institution who obtains a PhD degree during /her tenure will have his their salary scale determined according to the number of years of service following their master's degree. For | 1. "Candidates with 10 years of experience in teaching/research can apply for the position, and candidates with a PhD degree will be considered for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>3. If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience. | 10 | 46300 |
| | | | 11 | 47700 |
| | | | 12 | 49100 |
| | | | 13 | 50600 |
| | | | 14 | 52100 |
| | | | 15 | 53700 |
| | | | 16 | 55300 |
| | | | 17 | 57000 |
| | | | 18 | 58700 |
| | | | 19 | 60500 |
| | | | 20 | 62300 |
| | | | 21 | 64200 |
| | | | 22 | 66100 |
| | | | 23 | 68100 |
| | | | 24 | 70100 |
| | | | 25 | 72200 |
| | | | 26 | 74400 |
| | | | 27 | 76600 |
| | | | 28 | 78900 |
| | | | 29 | 81300 |
| | | | 30 | 83700 |
| | | | 31 | 86200 |
| | | | 32 | 88800 |
| | | | 33 | 91500 |
| | | | 34 | 94400 |
| | | | 35 | 97000 |
| | | | All candidates are paid HRA of 8% above the basic<br><br>Gross Salary | |
| | | | **10** | **50004** |
| | | | 11 | 51516 |
| | | | 12 | 53028 |
| | | | 13 | 54648 |
| | | | 14 | 56268 |
| | | | 15 | 57996 |
| | | | 16 | 59724 |
| | | | 17 | 61560 |
| | | | 18 | 63396 |
| | | | 19 | 65340 |

| | | | | |
|---|---|---|---|---|
| | every three years of service completed, one increment is added, using the salary scale of the 17th year as a reference point. This means that a candidate with three years of service after their master's and a PhD will receive a salary scale equivalent to the 18th year's base level. Similarly, a candidate with six years of post-master's service and a PhD will be placed at a salary scale equivalent to the 19th year, and so forth. | | 20 | 67284 |
| | | | 21 | 69336 |
| | | | 22 | 71388 |
| | | | 23 | 73548 |
| | | | 24 | 75708 |
| | | | 25 | 77976 |
| | | | 26 | 80352 |
| | | | 27 | 82728 |
| | | | 28 | 85212 |
| | | | 29 | 87804 |
| | | | 30 | 90396 |
| | | | 31 | 93096 |
| | | | 32 | 95904 |
| | | | 33 | 98820 |
| | | | 34 | 101736 |
| | | | 35 | 104760 |
| | | | | |
| | | | | |
| **Associate Professor** | **Qualification Required** | **Work Experience** | **Salary -Basic Scale** | |
| | 1. Master of Technology/Engineering in any branch of Computer Science and Engineering with a Bachelor's Degree in any Engineering Discipline, preferably Computer Science and Engineering/Information Science and Engineering or as per UGC/AICTE norms.<br><br>2. The candidate is required to have secured a first-class degree in either a Bachelor's degree or a Master's degree or both.<br>3. The degree awarded must be from any recognized University under UGC or a Master's degree from a | 1. "A minimum of 10 years of teaching/research experience with a PhD Degree or A candidate with 5 years of teaching experience after obtaining a PhD degree.<br>2. This is a selection post to be advertised. Internal and external candidates can apply for the vacant positions.<br>3. Candidates will be selected against vacancies by the staff selection committee.<br>4. When selecting candidates with comparable | 0 | 76300 |
| | | | 1 | 78600 |
| | | | 2 | 81000 |
| | | | 3 | 83400 |
| | | | 4 | 85900 |
| | | | 5 | 88500 |
| | | | 6 | 91200 |
| | | | 7 | 93900 |
| | | | 8 | 96700 |
| | | | 9 | 99600 |
| | | | 10 | 102600 |
| | | | 11 | 105700 |
| | | | 12 | 108900 |
| | | | 13 | 112200 |
| | | | 14 | 115600 |
| | | | 15 | 119100 |
| | | | 16 | 122700 |
| | | | 17 | 126400 |
| | | | 18 | 130200 |
| | | | 19 | 134100 |
| | | | 20 | 138100 |

| | | | |
|---|---|---|---|
| | renowned foreign University.<br>4. In addition, the candidate must have mandatorily completed a PhD degree in the Computer Science and Engineering domain from a recognized university. | experience and qualifications, it is advisable to assess journal publications and funded research grants for comparison, giving preference to those with stronger credentials.<br>5. Internal candidates who have reached the Associate Professor scale can be designated as Associate Professor, referred to as Associate Professor by Promotion.<br><br>6. A candidate's years spent pursuing research for a PhD degree are not considered as Research Experience."<br><br>Note: Research experience referred to here is dedicated research experience in a research organization or working, especially on a funded research project. | All candidates are paid HRA of 8% above the basic<br><br>Gross Salary |

| | |
|---|---|
| 0 | 82404 |
| 1 | 84888 |
| 2 | 87480 |
| 3 | 90072 |
| 4 | 92772 |
| 5 | 95580 |
| 6 | 98496 |
| 7 | 101412 |
| 8 | 104436 |
| 9 | 107568 |
| 10 | 110808 |
| 11 | 114156 |
| 12 | 117612 |
| 13 | 121176 |
| 14 | 124848 |
| 15 | 128628 |
| 16 | 132516 |
| 17 | 136512 |
| 18 | 140616 |
| 19 | 144828 |
| 20 | 149148 |

| Professor | Qualification Required | Work Experience | Salary -Basic Scale | |
|---|---|---|---|---|
| | 1. "Master of Technology/Engineering in any branch of Computer Science and Engineering with a Bachelor's Degree in any Engineering Discipline, preferably Computer Science and Engineering/Information Science and Engineering. or as per UGC/AICTE norms.<br>2. The candidate is required to have secured a first-class degree in either a Bachelor's degree or a Master's degree or both.<br>3. The degree awarded must be from any recognized University under UGC or a Master's degree from a renowned foreign University.<br>4. In addition, the candidate must have completed a PhD degree in the Computer Science and Engineering domain from a recognized university." | 1. "A minimum of 10 years of teaching/research experience post a PhD Degree or A candidate with 5 years of experience as an Associate Professor.<br>2. This is a selection post to be advertised. Internal and external candidates can apply for the vacant positions.<br>3. Candidates will be selected against vacancies by the staff selection committee.<br>4. When selecting candidates with comparable experience and qualifications, it is advisable to assess journal publications and funded research grants for comparison, giving preference to those with stronger credentials.<br>5. Internal candidates who have reached the Professor's scale can be designated as Professor, referred to as Professor-by-promotion.<br>**6.** Note: Research experience | 1 | 82200 |
| | | | 2 | 84700 |
| | | | 3 | 87200 |
| | | | 4 | 89800 |
| | | | 5 | 92500 |
| | | | 6 | 95300 |
| | | | 7 | 98200 |
| | | | 8 | 101100 |
| | | | 9 | 104100 |
| | | | 10 | 107200 |
| | | | 11 | 110400 |
| | | | 12 | 113700 |
| | | | 13 | 117100 |
| | | | 14 | 120600 |
| | | | 15 | 124200 |
| | | | All candidates are paid HRA of 8% above the basic<br><br>Gross Salary | |
| | | | 1 | 88776 |
| | | | 2 | 91476 |
| | | | 3 | 94176 |
| | | | 4 | 96984 |
| | | | 5 | 99900 |
| | | | 6 | 102924 |
| | | | 7 | 106056 |
| | | | 8 | 109188 |
| | | | 9 | 112428 |
| | | | 10 | 115776 |
| | | | 11 | 119232 |
| | | | 12 | 122796 |
| | | | 13 | 126468 |
| | | | 14 | 130248 |
| | | | 15 | 134136 |

| | | | |
|---|---|---|---|
| | | referred to here is dedicated research experience in a research organization or while working." | |
| **Additional Allowances** | Principal/Dean | Gross Salary + 10000 | |
| | Director | Gross Salary+ 5000 | |
| | HoD | Gross Salary+3000 | |
| **Special Allowances** | Should the staff selection committee choose to compensate deserving candidates with an amount that surpasses the specified gross salary for their cadre on the salary scale, this excess will be treated as a special allowance. The continuation of this special allowance in the following years will depend on the candidate's performance, as assessed by the annual faculty appraisal. The extra payment given as an allowance will be limited to the equivalent of one to three salary increments at most. | | |
| **Cadre Ratio** | 1: 2:6 | | |
| **Annual Increment** | 3% of Basic + DA as Decided by the Management | Faculty members will receive Dearness Allowance (DA) annually in accordance with management guidelines. Annual increases in Basic salary will be determined by Performance Appraisal outcome | |
| **Fresh Candidates** | Should the selection committee find that qualified candidates applying for teaching positions require additional training to effectively manage classes, it may choose to hire these candidates on a temporary basis with a consolidated salary. This salary would be within the range of Rs. 25,000 to Rs. 30,000 per month | | |
| **Superannuation** | Faculty members reaching the age of 60 will be retired. However, if the management believes that a retired faculty member could continue to contribute for a certain period, they may be rehired on an annual contract with a renegotiated salary. | | |

**GM University- Faculty Salary- Grades, Salary Scales, Promotion Policies**

**School of Engineering**

**(Electronics and Communication Engineering, Electrical and Electronics Engineering)**

**And GMIPSR**

<table>
<tr><th colspan="4">Electronics and Communication Engineering, Electrical and Electronics Engineering) and GMIPSR</th></tr>
<tr><th>Assistant Professor-Grade -1</th><th>Qualification Required</th><th>Work Experience</th><th colspan="2">Salary Scale-Basic</th></tr>
<tr><td rowspan="15"></td><td rowspan="15">1. "Master degree in the respective discipline of Engineering/Technology with a Bachelor's Degree in similar discipline eligible to teach as per UGC /AICTE norms.<br>2. For Pharmacy program M. Pharma with a basic degree in B. Pharma or as per PCI norms<br>3. Candidates are required to have secured a first-class degree in either their Bachelor's or Master's degree, or both."<br><br>4. The degree awarded must be from any recognized university under UGC or a Master’s degree from a renowned foreign university."</td><td rowspan="15">1. "Candidates with no experience or up to four years of experience in teaching/research can apply for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>3. If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience.</td><td>0</td><td>₹ 30,700.00</td></tr>
<tr><td>1</td><td>₹ 31,600.00</td></tr>
<tr><td>2</td><td>₹ 32,500.00</td></tr>
<tr><td>3</td><td>₹ 33,500.00</td></tr>
<tr><td>4</td><td>₹ 34,500.00</td></tr>
<tr><td colspan="2">All candidates are paid HRA of 8% above the basic<br><br>Gross Salary</td></tr>
<tr><td>0</td><td>₹ 33,156.00</td></tr>
<tr><td>1</td><td>₹ 34,128.00</td></tr>
<tr><td>2</td><td>₹ 35,100.00</td></tr>
<tr><td>3</td><td>₹ 36,180.00</td></tr>
<tr><td>4</td><td>₹ 37,260.00</td></tr>
<tr><td colspan="2"></td></tr>
<tr><td></td><td>Qualification Required</td><td>Work Experience</td><td colspan="2">Salary Scale-Basic</td></tr>
</table>

<table>
<tr>
<td>Assistant Professor - Grade -2</td>
<td>1. "Master degree in the respective discipline of Engineering/Technology with a Bachelor's Degree in similar discipline eligible to teach as per UGC /AICTE norms.<br>2. For Pharmacy program M. Pharma with a basic degree in B. Pharma or as per PCI norms<br>3. Candidates are required to have secured a first-class degree in either their Bachelor's or Master's degree, or both."<br>4. The degree awarded must be from any recognized university under UGC or a Master’s degree from a renowned foreign university."</td>
<td>1. "Candidates with 5 years of experience or up to nine years of experience in teaching/research can apply for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>3. If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience.</td>
<td>
<table>
<tr><td>5</td><td>₹ 36,600.00</td></tr>
<tr><td>6</td><td>₹ 37,700.00</td></tr>
<tr><td>7</td><td>₹ 38,800.00</td></tr>
<tr><td>8</td><td>₹ 40,000.00</td></tr>
<tr><td>9</td><td>₹ 41,200.00</td></tr>
<tr><td colspan="2">All candidates are paid HRA of 8% above the basic<br><br>Gross Salary</td></tr>
<tr><td>5</td><td>₹ 39,528.00</td></tr>
<tr><td>6</td><td>₹ 40,716.00</td></tr>
<tr><td>7</td><td>₹ 41,904.00</td></tr>
<tr><td>8</td><td>₹ 43,200.00</td></tr>
<tr><td>9</td><td>₹ 44,496.00</td></tr>
</table>
</td>
</tr>
</table>

| | Qualification Required | Work Experience | Salary -Basic Scale | |
|---|---|---|---|---|
| **Assistant Professor - Grade -3** | 1. Master of Technology/Engineering in any branch of Computer Science and Engineering with a Bachelor's Degree in any Engineering Discipline, preferably Computer Science and Engineering/Information Science and Engineering or as per UGC/AICTE norms.<br>2. For Pharmacy program M. Pharma with a basic degree in B. Pharma or as per PCI norms<br>3. The candidate is required to have secured a first-class degree either in a Bachelor's degree or a master's degree or both.<br>4. The degree awarded must be from any recognized University under UGC or a Master's degree from a renowned foreign University.<br>5. Candidates with a PhD degree will also be considered for this grade. A fresh PhD will be offered an Assistant Professor - Grade -3 position that is the candidate's salary is fixed with a basic salary equivalent to 17th year as described in the accompanying table.<br>6. A candidate currently employed by the Institution who obtains a PhD degree during his/her tenure will have | 1. "Candidates with 10 years of experience in teaching/research can apply for the position, and candidates with a PhD degree will be considered for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience. | 10 | ₹ 42,500.00 |
| | | | 11 | ₹ 43,800.00 |
| | | | 12 | ₹ 45,100.00 |
| | | | 13 | ₹ 46,500.00 |
| | | | 14 | ₹ 47,900.00 |
| | | | 15 | ₹ 49,300.00 |
| | | | 16 | ₹ 50,800.00 |
| | | | 17 | ₹ 52,300.00 |
| | | | 18 | ₹ 53,900.00 |
| | | | 19 | ₹ 55,500.00 |
| | | | 20 | ₹ 57,200.00 |
| | | | 21 | ₹ 58,900.00 |
| | | | 22 | ₹ 60,700.00 |
| | | | 23 | ₹ 62,500.00 |
| | | | 24 | ₹ 64,400.00 |
| | | | 25 | ₹ 66,300.00 |
| | | | 26 | ₹ 68,300.00 |
| | | | 27 | ₹ 70,300.00 |
| | | | 28 | ₹ 72,400.00 |
| | | | 29 | ₹ 74,600.00 |
| | | | 30 | ₹ 76,800.00 |
| | | | 31 | ₹ 79,100.00 |
| | | | 32 | ₹ 81,500.00 |
| | | | 33 | ₹ 83,900.00 |
| | | | 34 | ₹ 86,400.00 |
| | | | 35 | ₹ 89,000.00 |
| | | | All candidates are paid HRA of 8% above the basic<br><br>Gross Salary | |
| | | | **10** | ₹ 45,900.00 |
| | | | 11 | ₹ 47,304.00 |
| | | | 12 | ₹ 48,708.00 |
| | | | 13 | ₹ 50,220.00 |
| | | | 14 | ₹ 51,732.00 |
| | | | 15 | ₹ 53,244.00 |
| | | | 16 | ₹ 54,864.00 |
| | | | 17 | ₹ 56,484.00 |

| | | | | |
|---|---|---|---|---|
| | their salary scale determined according to the number of years of service following their master's degree. For every three years of service completed, one increment is added, using the salary scale of the 17th year as a reference point. This means that a candidate with three years of service after their master's and a PhD will receive a salary scale equivalent to the 18th year's base level. Similarly, a candidate with six years of post-master's service and a PhD will be placed at a salary scale equivalent to the 19th year, and so forth. | | 18 | ₹ 58,212.00 |
| | | | 19 | ₹ 59,940.00 |
| | | | 20 | ₹ 61,776.00 |
| | | | 21 | ₹ 63,612.00 |
| | | | 22 | ₹ 65,556.00 |
| | | | 23 | ₹ 67,500.00 |
| | | | 24 | ₹ 69,552.00 |
| | | | 25 | ₹ 71,604.00 |
| | | | 26 | ₹ 73,764.00 |
| | | | 27 | ₹ 75,924.00 |
| | | | 28 | ₹ 78,192.00 |
| | | | 29 | ₹ 80,568.00 |
| | | | 30 | ₹ 82,944.00 |
| | | | 31 | ₹ 85,428.00 |
| | | | 32 | ₹ 88,020.00 |
| | | | 33 | ₹ 90,612.00 |
| | | | 34 | ₹ 93,312.00 |
| | | | 35 | ₹ 96,120.00 |
| | | | | |
| | | | | |
| | **Qualification Required** | **Work Experience** | **Salary -Basic Scale** | |
| **Associate Professor** | 1. "Master degree in the respective discipline of Engineering/Technology with a Bachelor's Degree in similar discipline eligible to teach as per UGC /AICTE norms.<br>2. For Pharmacy program M. Pharma with a basic degree in B. Pharma or as per PCI norms<br>3. The candidate is required to have secured a first-class degree in either a Bachelor's degree or a Master's degree or both.<br>4. The degree awarded must be from any recognized University under UGC or a Master's degree from a | 1. "A minimum of 10 years of teaching/research experience with a PhD Degree or A candidate with 5 years of teaching experience after obtaining a PhD degree.<br>2. This is a selection post to be advertised. Internal and external candidates can apply for the vacant positions.<br>3. Candidates will be selected against vacancies by the staff selection committee. | 0 | ₹ 69,900.00 |
| | | | 1 | ₹ 72,000.00 |
| | | | 2 | ₹ 74,200.00 |
| | | | 3 | ₹ 76,400.00 |
| | | | 4 | ₹ 78,700.00 |
| | | | 5 | ₹ 81,100.00 |
| | | | 6 | ₹ 83,500.00 |
| | | | 7 | ₹ 86,000.00 |
| | | | 8 | ₹ 88,600.00 |
| | | | 9 | ₹ 91,300.00 |
| | | | 10 | ₹ 94,000.00 |
| | | | 11 | ₹ 96,800.00 |
| | | | 12 | ₹ 99,700.00 |
| | | | 13 | ₹ 1,02,700.00 |
| | | | 14 | ₹ 1,05,800.00 |
| | | | 15 | ₹ 1,09,000.00 |
| | | | 16 | ₹ 1,12,300.00 |
| | | | 17 | ₹ 1,15,700.00 |
| | | | 18 | ₹ 1,19,200.00 |

| | | | | |
|---|---|---|---|---|
| | renowned foreign University.<br>5. In addition, the candidate must have mandatorily completed a PhD degree in the concerned discipline from a recognized | 4. When selecting candidates with comparable experience and qualifications, it is advisable to assess journal publications and funded research grants for comparison, giving preference to those with stronger credentials.<br>5. Internal candidates who have reached the Associate Professor scale can be designated as Associate Professor, referred to as Associate Professor by Promotion.<br>6. Note: Research experience referred to here is dedicated research experience in a research organization or working, especially on a funded research project.<br>7. A candidate's years spent pursuing research for a PhD degree are not considered as Research Experience." | 19 | ₹ 1,22,800.00 |
| | | | 20 | ₹ 1,26,500.00 |
| | | | All candidates are paid HRA of 8% above the basic<br><br>Gross Salary | |
| | | | 0 | ₹ 75,492.00 |
| | | | 1 | ₹ 77,760.00 |
| | | | 2 | ₹ 80,136.00 |
| | | | 3 | ₹ 82,512.00 |
| | | | 4 | ₹ 84,996.00 |
| | | | 5 | ₹ 87,588.00 |
| | | | 6 | ₹ 90,180.00 |
| | | | 7 | ₹ 92,880.00 |
| | | | 8 | ₹ 95,688.00 |
| | | | 9 | ₹ 98,604.00 |
| | | | 10 | ₹ 1,01,520.00 |
| | | | 11 | ₹ 1,04,544.00 |
| | | | 12 | ₹ 1,07,676.00 |
| | | | 13 | ₹ 1,10,916.00 |
| | | | 14 | ₹ 1,14,264.00 |
| | | | 15 | ₹ 1,17,720.00 |
| | | | 16 | ₹ 1,21,284.00 |
| | | | 17 | ₹ 1,24,956.00 |
| | | | 18 | ₹ 1,28,736.00 |
| | | | 19 | ₹ 1,32,624.00 |
| | | | 20 | ₹ 1,36,620.00 |
| **Professor** | **Qualification Required** | **Work Experience** | **Salary -Basic Scale** | |
| | 1. "Master degree in the respective discipline of | 1. "A minimum of 10 years of | 1 | ₹ 75,300.00 |
| | | | 2 | ₹ 77,600.00 |

| | | | | |
|---|---|---|---|---|
| | Engineering/Technology with a Bachelor's Degree in similar discipline eligible to teach as per UGC /AICTE norms.<br>2. For Pharmacy program M. Pharma with a basic degree in B. Pharma or as per PCI norms<br>3. The candidate is required to have secured a first-class degree in either a Bachelor's degree or a Master's degree or both.<br>4. The degree awarded must be from any recognized University under UGC or a Master's degree from a renowned foreign University.<br>5. In addition, the candidate must have mandatorily completed a PhD degree in the concerned discipline from a recognized | teaching/research experience post a PhD Degree or A candidate with 5 years of experience as an Associate Professor.<br>2. This is a selection post to be advertised. Internal and external candidates can apply for the vacant positions.<br>3. Candidates will be selected against vacancies by the staff selection committee.<br>4. When selecting candidates with comparable experience and qualifications, it is advisable to assess journal publications and funded research grants for comparison, giving preference to those with stronger credentials.<br>5. Internal candidates who have reached the Professor's scale can be designated as Professor, referred to as | 3 | ₹ 79,900.00 |
| | | | 4 | ₹ 82,300.00 |
| | | | 5 | ₹ 84,800.00 |
| | | | 6 | ₹ 87,300.00 |
| | | | 7 | ₹ 89,900.00 |
| | | | 8 | ₹ 92,600.00 |
| | | | 9 | ₹ 95,400.00 |
| | | | 10 | ₹ 98,300.00 |
| | | | 11 | ₹ 1,01,200.00 |
| | | | 12 | ₹ 1,04,200.00 |
| | | | 13 | ₹ 1,07,300.00 |
| | | | 14 | ₹ 1,10,500.00 |
| | | | 15 | ₹ 1,13,800.00 |
| | | | All candidates are paid HRA of 8% above the basic<br><br>Gross Salary | |
| | | | 1 | ₹ 81,324.00 |
| | | | 2 | ₹ 83,808.00 |
| | | | 3 | ₹ 86,292.00 |
| | | | 4 | ₹ 88,884.00 |
| | | | 5 | ₹ 91,584.00 |
| | | | 6 | ₹ 94,284.00 |
| | | | 7 | ₹ 97,092.00 |
| | | | 8 | ₹ 1,00,008.00 |
| | | | 9 | ₹ 1,03,032.00 |
| | | | 10 | ₹ 1,06,164.00 |
| | | | 11 | ₹ 1,09,296.00 |
| | | | 12 | ₹ 1,12,536.00 |
| | | | 13 | ₹ 1,15,884.00 |
| | | | 14 | ₹ 1,19,340.00 |
| | | | 15 | ₹ 1,22,904.00 |

| | | | |
|---|---|---|---|
| | | Professor-by-promotion.<br>6. Note: Research experience referred to here is dedicated research experience in a research organization or while working."<br>7. A candidate's years spent pursuing research for a PhD degree are not considered as Research Experience." | |

| | | |
|---|---|---|
| **Additional Allowances** | Principal/Dean | Gross Salary + 10000 |
| | Director | Gross Salary+ 5000 |
| | HoD | Gross Salary+3000 |
| **Special Allowances** | Should the staff selection committee choose to compensate deserving candidates with an amount that surpasses the specified gross salary for their cadre on the salary scale, this excess will be treated as a special allowance. The continuation of this special allowance in the following years will depend on the candidate's performance, as assessed by the annual faculty appraisal. The extra payment given as an allowance will be limited to the equivalent of one to three salary increments at most. | |
| **Cadre Ratio** | 1: 2:6 | |
| **Annual Increment** | 3% of Basic + DA as Decided by the Management | Faculty members will receive Dearness Allowance (DA) annually in accordance with management guidelines. Annual increases in Basic salary will be determined by Performance Appraisal outcome |
| **Fresh Candidates** | Should the selection committee find that qualified candidates applying for teaching positions require additional training to effectively manage classes, it may choose to hire these candidates on a temporary basis with a consolidated salary. This salary would be within the range of Rs. 20,000 to Rs. 25,000 per month | |
| **Superannuation** | Faculty members reaching the age of 60 years will be retired. However, if the management believes that a retired faculty member could continue to contribute for a certain period, they may be rehired on an annual contract with a renegotiated salary. | |

**GM University- Faculty Salary- Grads, Salary Scales, Promotion Policies**

**School of Engineering**

**(Mechanical, Civil, Robotics and Automation, Biotechnology)**

**Faculty of Commerce and Management- MBA**

<table>
<tr><th colspan="4">Mechanical, Civil, Robotics and Automation and MBA</th></tr>
<tr><th>Assistant Professor-Grade -1</th><th>Qualification Required</th><th>Work Experience</th><th colspan="2">Salary Scale-Basic</th></tr>
<tr><td rowspan="11"></td><td rowspan="11">1. "Master degree in the respective discipline of Engineering/Technology with a Bachelor's Degree in similar discipline eligible to teach as per UGC/AICTE Norms<br>2. For MBA-Candidates must possess an MBA Degree from a recognised university irrespective of the discipline of Bachelor’s Degree<br>3. Candidates are required to have secured a first-class degree in either their Bachelor's or Master's degree, or both."<br>4. The degree awarded must be from any recognized university under UGC or a Master’s degree from a renowned foreign university."</td><td rowspan="11">1. "Candidates with no experience or up to four years of experience in teaching/research can apply for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>3. If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience.</td><td>0</td><td>₹ 29,800.00</td></tr>
<tr><td>1</td><td>₹ 30,700.00</td></tr>
<tr><td>2</td><td>₹ 31,600.00</td></tr>
<tr><td>3</td><td>₹ 32,500.00</td></tr>
<tr><td>4</td><td>₹ 33,500.00</td></tr>
<tr><td colspan="2">All candidates are paid HRA of 8% above the basic<br><br>Gross Salary</td></tr>
<tr><td>0</td><td>₹ 32,184.00</td></tr>
<tr><td>1</td><td>₹ 33,156.00</td></tr>
<tr><td>2</td><td>₹ 34,128.00</td></tr>
<tr><td>3</td><td>₹ 35,100.00</td></tr>
<tr><td>4</td><td>₹ 36,180.00</td></tr>
</table>

<table>
<tr><td rowspan="2">Assistant Professor -Grade -2</td><td>Qualification Required</td><td>Work Experience</td><td colspan="2">Salary Scale-Basic</td></tr>
<tr><td>1. "Master degree in the respective discipline of Engineering/Technology with a Bachelor's Degree in similar discipline eligible to teach as per UGC/AICTE Norms<br>2. For MBA-Candidates must possess an MBA Degree from a recognised university irrespective of the discipline of Bachelor’s Degree<br>3. Candidates are required to have secured a first-class degree in either their Bachelor's or Master's degree, or both."<br>4. The degree awarded must be from any recognized university under UGC or a Master’s degree from a renowned foreign university."</td><td>1. Candidates with 5 years of experience or up to nine years of experience in teaching/research can apply for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>3. If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience.</td><td colspan="2"><table>
<tr><td>5</td><td>₹ 35,600.00</td></tr>
<tr><td>6</td><td>₹ 36,700.00</td></tr>
<tr><td>7</td><td>₹ 37,800.00</td></tr>
<tr><td>8</td><td>₹ 38,900.00</td></tr>
<tr><td>9</td><td>₹ 40,100.00</td></tr>
</table>All candidates are paid HRA of 8% above the basic<br>Gross Salary<table>
<tr><td>5</td><td>₹ 38,448.00</td></tr>
<tr><td>6</td><td>₹ 39,636.00</td></tr>
<tr><td>7</td><td>₹ 40,824.00</td></tr>
<tr><td>8</td><td>₹ 42,012.00</td></tr>
<tr><td>9</td><td>₹ 43,308.00</td></tr>
</table></td></tr>
<tr><td rowspan="2">Assistant Professor -Grade -3</td><td>Qualification Required</td><td>Work Experience</td><td colspan="2">Salary -Basic Scale</td></tr>
<tr><td>1. "Master degree in the respective discipline of Engineering/Technology with a Bachelor's Degree in similar discipline eligible to teach as per UGC/AICTE Norms<br>2. For MBA-Candidates must possess an MBA</td><td>1. "Candidates with 10 years of experience in teaching/research can apply for the position, and candidates with a PhD degree will be considered for the position.</td><td colspan="2"><table>
<tr><td>10</td><td>₹ 41,300.00</td></tr>
<tr><td>11</td><td>₹ 42,500.00</td></tr>
<tr><td>12</td><td>₹ 43,800.00</td></tr>
<tr><td>13</td><td>₹ 45,100.00</td></tr>
<tr><td>14</td><td>₹ 46,500.00</td></tr>
<tr><td>15</td><td>₹ 47,900.00</td></tr>
</table></td></tr>
</table>

| | | | | |
|---|---|---|---|---|
| | Degree from a recognised university irrespective of the discipline of Bachelor's Degree<br>3. The candidate is required to have secured a first-class degree either in a Bachelor's degree or a master's degree or both.<br>4. The degree awarded must be from any recognized University under UGC or a Master's degree from a renowned foreign University.<br>5. Candidates with a PhD degree will also be considered for this grade. A fresh PhD will be offered an Assistant Professor - Grade -3 position that is the candidate's salary is fixed with a basic salary equivalent to 17th year as described in the accompanying table.<br>6. A candidate currently employed by the Institution who obtains a PhD degree during his/her tenure will have their salary scale determined according to the number of years of service following their master's degree. For every three years of service completed, one increment is added, using the salary scale of the 17th year as a reference point. This | 2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience. | **16** | ₹ 49,300.00 |
| | | | **17** | ₹ 50,800.00 |
| | | | **18** | ₹ 52,300.00 |
| | | | **19** | ₹ 53,900.00 |
| | | | **20** | ₹ 55,500.00 |
| | | | **21** | ₹ 57,200.00 |
| | | | **22** | ₹ 58,900.00 |
| | | | **23** | ₹ 60,700.00 |
| | | | **24** | ₹ 62,500.00 |
| | | | **25** | ₹ 64,400.00 |
| | | | **26** | ₹ 66,300.00 |
| | | | **27** | ₹ 68,300.00 |
| | | | **28** | ₹ 70,300.00 |
| | | | **29** | ₹ 72,400.00 |
| | | | **30** | ₹ 74,600.00 |
| | | | **31** | ₹ 76,800.00 |
| | | | **32** | ₹ 79,100.00 |
| | | | **33** | ₹ 81,500.00 |
| | | | **34** | ₹ 83,900.00 |
| | | | **35** | ₹ 86,400.00 |
| | | | **All candidates are paid HRA of 8% above the basic**<br>**Gross Salary** | |
| | | | **10** | ₹ 44,604.00 |
| | | | **11** | ₹ 45,900.00 |
| | | | **12** | ₹ 47,304.00 |
| | | | **13** | ₹ 48,708.00 |
| | | | **14** | ₹ 50,220.00 |

| | | | | |
|---|---|---|---|---|
| | means that a candidate with three years of service after their master's and a PhD will receive a salary scale equivalent to the 18th year's base level. Similarly, a candidate with six years of post-master's service and a PhD will be placed at a salary scale equivalent to the 19th year, and so forth. | | **15** | ₹ 51,732.00 |
| | | | **16** | ₹ 53,244.00 |
| | | | **17** | ₹ 54,864.00 |
| | | | **18** | ₹ 56,484.00 |
| | | | **19** | ₹ 58,212.00 |
| | | | **20** | ₹ 59,940.00 |
| | | | **21** | ₹ 61,776.00 |
| | | | **22** | ₹ 63,612.00 |
| | | | **23** | ₹ 65,556.00 |
| | | | **24** | ₹ 67,500.00 |
| | | | **25** | ₹ 69,552.00 |
| | | | **26** | ₹ 71,604.00 |
| | | | **27** | ₹ 73,764.00 |
| | | | **28** | ₹ 75,924.00 |
| | | | **29** | ₹ 78,192.00 |
| | | | **30** | ₹ 80,568.00 |
| | | | **31** | ₹ 82,944.00 |
| | | | **32** | ₹ 85,428.00 |
| | | | **33** | ₹ 88,020.00 |
| | | | **34** | ₹ 90,612.00 |
| | | | **35** | ₹ 93,312.00 |
| | | | | |
| | | | | |
| **Associate Professor** | **Qualification Required** | **Work Experience** | **Salary -Basic Scale** | |
| | 1. "Master degree in the respective discipline of Engineering/Technology with a Bachelor's Degree in similar discipline eligible to teach as per UGC/AICTE Norms<br>2. For MBA-Candidates must possess an MBA | 1. "A minimum of 10 years of teaching/research experience with a PhD Degree or A candidate with 5 years of teaching experience after obtaining a PhD degree. | **0** | ₹ 67,900.00 |
| | | | **1** | ₹ 69,900.00 |
| | | | **2** | ₹ 72,000.00 |
| | | | **3** | ₹ 74,200.00 |
| | | | **4** | ₹ 76,400.00 |
| | | | **5** | ₹ 78,700.00 |

| | | | | |
|---|---|---|---|---|
| | Degree from a recognised university irrespective of the discipline of Bachelor's Degree<br>3. The candidate is required to have secured a first-class degree in either a Bachelor's degree or a Master's degree or both.<br>4. The degree awarded must be from any recognized University under UGC or a Master's degree from a renowned foreign University.<br>5. In addition, the candidate must have mandatorily completed a PhD degree in the concerned discipline from a recognized | 2. This is a selection post to be advertised. Internal and external candidates can apply for the vacant positions.<br>3. Candidates will be selected against vacancies by the staff selection committee.<br>4. When selecting candidates with comparable experience and qualifications, it is advisable to assess journal publications and funded research grants for comparison, giving preference to those with stronger credentials.<br>5. Internal candidates who have reached the Associate Professor scale can be designated as Associate Professor, referred to as Associate Professor by Promotion.<br>6. Note: Research experience referred to here is dedicated research experience in a research organization or working, especially on a funded research project.<br>7. A candidate's years spent pursuing research for a PhD degree are not considered as Research Experience." | **6** | ₹ 81,100.00 |
| | | | **7** | ₹ 83,500.00 |
| | | | **8** | ₹ 86,000.00 |
| | | | **9** | ₹ 88,600.00 |
| | | | **10** | ₹ 91,300.00 |
| | | | **11** | ₹ 94,000.00 |
| | | | **12** | ₹ 96,800.00 |
| | | | **13** | ₹ 99,700.00 |
| | | | **14** | ₹ 1,02,700.00 |
| | | | **15** | ₹ 1,05,800.00 |
| | | | **16** | ₹ 1,09,000.00 |
| | | | **17** | ₹ 1,12,300.00 |
| | | | **18** | ₹ 1,15,700.00 |
| | | | **19** | ₹ 1,19,200.00 |
| | | | **20** | ₹ 1,22,800.00 |
| | | | **All candidates are paid HRA of 8% above the basic**<br><br>**Gross Salary** | |
| | | | **0** | ₹ 73,332.00 |
| | | | **1** | ₹ 75,492.00 |
| | | | **2** | ₹ 77,760.00 |
| | | | **3** | ₹ 80,136.00 |
| | | | **4** | ₹ 82,512.00 |
| | | | **5** | ₹ 84,996.00 |
| | | | **6** | ₹ 87,588.00 |
| | | | **7** | ₹ 90,180.00 |
| | | | **8** | ₹ 92,880.00 |

| | | | | |
|---|---|---|---|---|
| | | | **9** | ₹ 95,688.00 |
| | | | **10** | ₹ 98,604.00 |
| | | | **11** | ₹ 1,01,520.00 |
| | | | **12** | ₹ 1,04,544.00 |
| | | | **13** | ₹ 1,07,676.00 |
| | | | **14** | ₹ 1,10,916.00 |
| | | | **15** | ₹ 1,14,264.00 |
| | | | **16** | ₹ 1,17,720.00 |
| | | | **17** | ₹ 1,21,284.00 |
| | | | **18** | ₹ 1,24,956.00 |
| | | | **19** | ₹ 1,28,736.00 |
| | | | **20** | ₹ 1,32,624.00 |
| | | | | |
| **Professor** | **Qualification Required** | **Work Experience** | **Salary -Basic Scale** | |
| | 1. "Master degree in the respective discipline of Engineering/Technology with a Bachelor's Degree in similar discipline eligible to teach as per UGC/AICTE Norms<br>2. For MBA-Candidates must possess an MBA Degree from a recognised university irrespective of the discipline of Bachelor's Degree<br>3. The candidate is required to have secured a first-class degree in either a Bachelor's degree or a Master's degree or both.<br>4. The degree awarded must be from any | 1. "A minimum of 10 years of teaching/research experience post a PhD Degree or A candidate with 5 years of experience as an Associate Professor.<br>2. This is a selection post to be advertised. Internal and external candidates can apply for the vacant positions.<br>3. Candidates will be selected against vacancies by the staff selection committee.<br>4. When selecting candidates with comparable experience and | **1** | ₹ 73,100.00 |
| | | | **2** | ₹ 75,300.00 |
| | | | **3** | ₹ 77,600.00 |
| | | | **4** | ₹ 79,900.00 |
| | | | **5** | ₹ 82,300.00 |
| | | | **6** | ₹ 84,800.00 |
| | | | **7** | ₹ 87,300.00 |
| | | | **8** | ₹ 89,900.00 |
| | | | **9** | ₹ 92,600.00 |
| | | | **10** | ₹ 95,400.00 |
| | | | **11** | ₹ 98,300.00 |
| | | | **12** | ₹ 1,01,200.00 |
| | | | **13** | ₹ 1,04,200.00 |
| | | | **14** | ₹ 1,07,300.00 |
| | | | **15** | ₹ 1,10,500.00 |

| | | | |
|---|---|---|---|
| | recognized University under UGC or a Master's degree from a renowned foreign University.<br><br>5. In addition, the candidate must have mandatorily completed a PhD degree in the concerned discipline from a recognized | qualifications, it is advisable to assess journal publications and funded research grants for comparison, giving preference to those with stronger credentials.<br>5. Internal candidates who have reached the Professor's scale can be designated as Professor, referred to as Professor-by-promotion.<br>6. Note: Research experience referred to here is dedicated research experience in a research organization or while working."<br>7. A candidate's years spent pursuing research for a PhD degree are not considered as Research Experience." | **All candidates are paid HRA of 8% above the basic**<br><br>**Gross Salary** |

| | |
|---|---|
| **1** | ₹ 78,948.00 |
| **2** | ₹ 81,324.00 |
| **3** | ₹ 83,808.00 |
| **4** | ₹ 86,292.00 |
| **5** | ₹ 88,884.00 |
| **6** | ₹ 91,584.00 |
| **7** | ₹ 94,284.00 |
| **8** | ₹ 97,092.00 |
| **9** | ₹ 1,00,008.00 |
| **10** | ₹ 1,03,032.00 |
| **11** | ₹ 1,06,164.00 |
| **12** | ₹ 1,09,296.00 |
| **13** | ₹ 1,12,536.00 |
| **14** | ₹ 1,15,884.00 |
| **15** | ₹ 1,19,340.00 |

| | | |
|---|---|---|
| **Additional Allowances** | Principal/Dean | Gross Salary + 10000 |
| | Director | Gross Salary+ 5000 |
| | HoD | Gross Salary+3000 |
| **Special Allowances** | Should the staff selection committee choose to compensate deserving candidates with an amount that surpasses the specified gross salary for their cadre on the salary scale, this excess will be treated as a special allowance. The continuation of this special allowance in the following years will depend on the candidate's performance, as assessed by the annual faculty appraisal. The extra payment given as an allowance will be limited to the equivalent of one to three salary increments at most. | |
| **Cadre Ratio** | 1: 2:6 | |
| **Annual Increment** | 3% of Basic + DA as Decided by the Management | Faculty members will receive Dearness Allowance (DA) annually in accordance with management guidelines. Annual increases in Basic salary will be determined by Performance Appraisal outcome |

| | |
|---|---|
| **Fresh Candidates** | Should the selection committee find that qualified candidates applying for teaching positions require additional training to effectively manage classes, it may choose to hire these candidates on a temporary basis with a consolidated salary. This salary would be within the range of Rs. 20,000 to Rs. 25,000 per month |
| **Superannuation** | Faculty members reaching the age of 60 years will be retired. However, if the management believes that a retired faculty member could continue to contribute for a certain period, they may be rehired on an annual contract with a renegotiated salary. |

**GM University- Faculty Salary- Grades, Salary Scales, Promotion Policies**

**(Faculty of Basic and Applied Sciences, Computing and IT, Commerce and BBA Management)**

<table>
<tr><th colspan="4">Basic and Applied Sciences, Computing and IT, B. Com/BBA faculty</th></tr>
<tr><th>Assistant Professor-Grade -1</th><th>Qualification Required</th><th>Work Experience</th><th colspan="2">Salary Scale-Basic</th></tr>
<tr><td rowspan="15"></td><td rowspan="15">1. Master degree in the respective discipline of Science/Commerce/Management program with a Bachelor's Degree in similar discipline eligible to teach as per UGC.<br>2. Candidates are required to have secured a first-class degree in either their Bachelor's or Master's degree, or both."<br>3. The degree awarded must be from any recognized university under UGC or a Master’s degree from a renowned foreign university."</td><td rowspan="15">1. "Candidates with no experience or up to four years of experience in teaching/research can apply for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>3. If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the</td><td>0</td><td>₹27,000.00</td></tr>
<tr><td>1</td><td>₹27,800.00</td></tr>
<tr><td>2</td><td>₹28,600.00</td></tr>
<tr><td>3</td><td>₹29,500.00</td></tr>
<tr><td>4</td><td>₹30,400.00</td></tr>
<tr><td colspan="2">All candidates are paid HRA of 8% above the basic</td></tr>
<tr><td colspan="2">Gross Salary</td></tr>
<tr><td>0</td><td>₹29,160.00</td></tr>
<tr><td>1</td><td>₹30,024.00</td></tr>
<tr><td>2</td><td>₹30,888.00</td></tr>
<tr><td>3</td><td>₹31,860.00</td></tr>
<tr><td>4</td><td>₹32,832.00</td></tr>
<tr><td colspan="2"></td></tr>
</table>

<table>
<tr><td></td><td></td><td>total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience.</td><td></td></tr>
<tr><td>Assistant Professor -Grade -2</td><td>Qualification Required</td><td>Work Experience</td><td>Salary Scale-Basic</td></tr>
<tr><td></td><td>1. Master degree in the respective discipline of Science/Commerce/Management program with a Bachelor's Degree in similar discipline eligible to teach as per UGC.<br>2. Candidates are required to have secured a first-class degree in either their Bachelor's or Master's degree, or both."<br>3. The degree awarded must be from any recognized university under UGC or a Master’s degree from a renowned foreign university."</td><td>1. "Candidates with 5 years of experience or up to nine years of experience in teaching/research can apply for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>3. If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to</td><td>5 ₹32,200.00<br>6 ₹33,200.00<br>7 ₹34,200.00<br>8 ₹35,200.00<br>9 ₹36,300.00<br>All candidates are paid HRA of 8% above the basic<br>Gross Salary<br>5 ₹34,776.00<br>6 ₹35,856.00<br>7 ₹36,936.00<br>8 ₹38,016.00<br>9 ₹39,204.00</td></tr>
</table>

| | | | | |
|---|---|---|---|---|
| | | calculate the total experience. | | |
| **Assistant Professor -Grade -3** | **Qualification Required** | **Work Experience** | **Salary -Basic Scale** | |
| | 1. Master degree in the respective discipline of Science/Commerce/Management program with a Bachelor's Degree in similar discipline eligible to teach as per UGC.<br>2. The candidate is required to have secured a first-class degree either in a Bachelor's degree or a master's degree or both.<br>3. The degree awarded must be from any recognized University under UGC or a Master's degree from a renowned foreign University.<br>4. Candidates with a PhD degree will also be considered for this grade. A fresh PhD will be offered an Assistant Professor - Grade -3 position that is the candidate's salary is fixed with a basic salary equivalent to 17th year as described in the accompanying table.<br>**5.** A candidate currently employed by the Institution who obtains a PhD degree during his/her tenure will have their salary scale determined according to the number of years of service following their master's degree. For every three years of service completed, one increment is added, using the salary scale of the 17th year as a reference point. This means that a candidate with three years of service after their master's and a PhD will receive a salary scale equivalent to the 18th year's base level. Similarly, a candidate | 1. "Candidates with 10 years of experience in teaching/research can apply for the position, and candidates with a PhD degree will be considered for the position.<br>2. For candidates with industry experience after a master's degree, the industry experience is halved, and the total experience is calculated.<br>**3.** If a candidate possesses N years of teaching experience gained between the completion of a bachelor's degree and the attainment of a master's degree, this experience will be halved and then added to the total years of experience. If the experience is in the industry, it will be divided by three before being added to the cumulative experience to calculate the total experience. | **10** | ₹37,400.00 |
| | | | **11** | ₹38,500.00 |
| | | | **12** | ₹39,700.00 |
| | | | **13** | ₹40,900.00 |
| | | | **14** | ₹42,100.00 |
| | | | **15** | ₹43,400.00 |
| | | | **16** | ₹44,700.00 |
| | | | **17** | ₹46,000.00 |
| | | | **18** | ₹47,400.00 |
| | | | **19** | ₹48,800.00 |
| | | | **20** | ₹ 50,300.00 |
| | | | **21** | ₹51,800.00 |
| | | | **22** | ₹53,400.00 |
| | | | **23** | ₹55,000.00 |
| | | | **24** | ₹56,700.00 |
| | | | **25** | ₹58,400.00 |
| | | | **26** | ₹60,200.00 |
| | | | **27** | ₹62,000.00 |
| | | | **28** | ₹63,900.00 |
| | | | **29** | ₹65,800.00 |
| | | | **30** | ₹67,800.00 |
| | | | **31** | ₹69,800.00 |
| | | | **32** | ₹71,900.00 |
| | | | **33** | ₹74,100.00 |
| | | | **34** | ₹76,300.00 |
| | | | **35** | ₹78,600.00 |

| | | | | |
|---|---|---|---|---|
| | with six years of post-master's service and a PhD will be placed at a salary scale equivalent to the 19th year, and so forth**.** | | **All candidates are paid HRA of 8% above the basic**<br><br>**Gross Salary** | |
| | | | **10** | ₹40,392.00 |
| | | | **11** | ₹41,580.00 |
| | | | **12** | ₹42,876.00 |
| | | | **13** | ₹44,172.00 |
| | | | **14** | ₹45,468.00 |
| | | | **15** | ₹46,872.00 |
| | | | **16** | ₹48,276.00 |
| | | | **17** | ₹49,680.00 |
| | | | **18** | ₹51,192.00 |
| | | | **19** | ₹52,704.00 |
| | | | **20** | ₹54,324.00 |
| | | | **21** | ₹55,944.00 |
| | | | **22** | ₹57,672.00 |
| | | | **23** | ₹59,400.00 |
| | | | **24** | ₹61,236.00 |
| | | | **25** | ₹63,072.00 |
| | | | **26** | ₹65,016.00 |
| | | | **27** | ₹66,960.00 |
| | | | **28** | ₹69,012.00 |
| | | | **29** | ₹71,064.00 |
| | | | **30** | ₹73,224.00 |
| | | | **31** | ₹75,384.00 |
| | | | **32** | ₹77,652.00 |
| | | | **33** | ₹80,028.00 |
| | | | **34** | ₹82,404.00 |

| | | | | |
|---|---|---|---|---|
| | | | **35** | ₹84,888.00 |
| **Associate Professor** | **Qualification Required** | **Work Experience** | **Salary -Basic Scale** | |
| | 1. Master degree in the respective discipline of Science/Commerce/Management program with a Bachelor's Degree in similar discipline eligible to teach as per UGC.<br>2. The candidate is required to have secured a first-class degree in either a Bachelor's degree or a Master's degree or both.<br>3. The degree awarded must be from any recognized University under UGC or a Master's degree from a renowned foreign University.<br>4. In addition, the candidate must have mandatorily completed a PhD degree in the concerned discipline from a recognized | 1. "A minimum of 10 years of teaching/research experience with a PhD Degree or A candidate with 5 years of teaching experience after obtaining a PhD degree.<br>2. This is a selection post to be advertised. Internal and external candidates can apply for the vacant positions.<br>3. Candidates will be selected against vacancies by the staff selection committee.<br>4. When selecting candidates with comparable experience and qualifications, it is advisable to assess journal publications and funded research grants for comparison, giving preference to those with stronger credentials.<br>5. Internal candidates who have reached the Associate Professor scale can be designated as Associate Professor, referred to as | **0** | ₹61,500.00 |
| | | | **1** | ₹63,300.00 |
| | | | **2** | ₹65,200.00 |
| | | | **3** | ₹67,200.00 |
| | | | **4** | ₹69,200.00 |
| | | | **5** | ₹71,300.00 |
| | | | **6** | ₹73,400.00 |
| | | | **7** | ₹75,600.00 |
| | | | **8** | ₹77,900.00 |
| | | | **9** | ₹80,200.00 |
| | | | **10** | ₹82,600.00 |
| | | | **11** | ₹85,100.00 |
| | | | **12** | ₹87,700.00 |
| | | | **13** | ₹90,300.00 |
| | | | **14** | ₹93,000.00 |
| | | | **15** | ₹95,800.00 |
| | | | **16** | ₹98,700.00 |
| | | | **17** | ₹1,01,700.00 |
| | | | **18** | ₹1,04,800.00 |
| | | | **19** | ₹1,07,900.00 |
| | | | **20** | ₹1,11,100.00 |
| | | | **All candidates are paid HRA of 8% above the basic**<br><br>**Gross Salary** | |
| | | | **0** | ₹ 66,420.00 |

| | | | | |
|---|---|---|---|---|
| | | Associate Professor by Promotion.<br>6. Note: Research experience referred to here is dedicated research experience in a research organization or working, especially on a funded research project.<br>7. A candidate's years spent pursuing research for a PhD degree are not considered as Research Experience." | **1** | ₹ 68,364.00 |
| | | | **2** | ₹ 70,416.00 |
| | | | **3** | ₹ 72,576.00 |
| | | | **4** | ₹ 74,736.00 |
| | | | **5** | ₹ 77,004.00 |
| | | | **6** | ₹ 79,272.00 |
| | | | **7** | ₹ 81,648.00 |
| | | | **8** | ₹ 84,132.00 |
| | | | **9** | ₹ 86,616.00 |
| | | | **10** | ₹ 89,208.00 |
| | | | **11** | ₹ 91,908.00 |
| | | | **12** | ₹ 94,716.00 |
| | | | **13** | ₹ 97,524.00 |
| | | | **14** | ₹1,00,440.00 |
| | | | **15** | ₹1,03,464.00 |
| | | | **16** | ₹1,06,596.00 |
| | | | **17** | ₹1,09,836.00 |
| | | | **18** | ₹1,13,184.00 |
| | | | **19** | ₹1,16,532.00 |
| | | | **20** | ₹1,19,988.00 |
| **Professor** | **Qualification Required** | **Work Experience** | **Salary -Basic Scale** | |
| | 1. Master degree in the respective discipline of Science/Commerce/Management program with a Bachelor's Degree in similar discipline eligible to teach as per UGC.<br>2. The candidate is required to have secured a first-class degree in either a Bachelor's degree or a Master's degree or both.<br>3. The degree awarded must be from any recognized University under UGC or a Master's degree | 1. "A minimum of 10 years of teaching/research experience post a PhD Degree or A candidate with 5 years of experience as an Associate Professor.<br>2. This is a selection post to be advertised. | **1** | ₹ 66,300.00 |
| | | | **2** | ₹ 68,300.00 |
| | | | **3** | ₹ 70,300.00 |
| | | | **4** | ₹ 72,400.00 |
| | | | **5** | ₹ 74,600.00 |
| | | | **6** | ₹ 76,800.00 |
| | | | **7** | ₹ 79,100.00 |
| | | | **8** | ₹ 81,500.00 |

| | | | | |
|---|---|---|---|---|
| | from a renowned foreign University.<br>4. In addition, the candidate must have mandatorily completed a PhD degree in the concerned discipline from a recognized | Internal and external candidates can apply for the vacant positions.<br>3. Candidates will be selected against vacancies by the staff selection committee.<br>4. When selecting candidates with comparable experience and qualifications, it is advisable to assess journal publications and funded research grants for comparison, giving preference to those with stronger credentials.<br>5. Internal candidates who have reached the Professor's scale can be designated as Professor, referred to as Professor-by-promotion.<br>6. Note: Research experience referred to here is dedicated research experience in a research organization or while working.<br>7. A candidate's years spent pursuing research for a PhD degree are not considered as | **9** | ₹ 83,900.00 |
| | | | **10** | ₹ 86,400.00 |
| | | | **11** | ₹ 89,000.00 |
| | | | **12** | ₹ 91,700.00 |
| | | | **13** | ₹ 94,500.00 |
| | | | **14** | ₹ 97,300.00 |
| | | | **15** | ₹1,00,200.00 |
| | | | **All candidates are paid HRA of 8% above the basic**<br><br>**Gross Salary** | |
| | | | **1** | ₹ 71,604.00 |
| | | | **2** | ₹ 73,764.00 |
| | | | **3** | ₹ 75,924.00 |
| | | | **4** | ₹ 78,192.00 |
| | | | **5** | ₹ 80,568.00 |
| | | | **6** | ₹ 82,944.00 |
| | | | **7** | ₹ 85,428.00 |
| | | | **8** | ₹ 88,020.00 |
| | | | **9** | ₹ 90,612.00 |
| | | | **10** | ₹ 93,312.00 |
| | | | **11** | ₹ 96,120.00 |
| | | | **12** | ₹ 99,036.00 |
| | | | **13** | ₹1,02,060.00 |
| | | | **14** | ₹1,05,084.00 |
| | | | **15** | ₹1,08,216.00 |

| | | | |
|---|---|---|---|
| | | Research Experience." | |

| | | |
|---|---|---|
| **Additional Allowances** | Principal/Dean | Gross Salary + 10000 |
| | Director | Gross Salary+ 5000 |
| | HoD | Gross Salary+3000 |
| **Special Allowances** | Should the staff selection committee choose to compensate deserving candidates with an amount that surpasses the specified gross salary for their cadre on the salary scale, this excess will be treated as a special allowance. The continuation of this special allowance in the following years will depend on the candidate's performance, as assessed by the annual faculty appraisal. The extra payment given as an allowance will be limited to the equivalent of one to three salary increments at most. | |
| **Cadre Ratio** | 1: 2:6 | |
| **Annual Increment** | 3% of Basic + DA as Decided by the Management | Faculty members will receive Dearness Allowance (DA) annually in accordance with management guidelines. Annual increases in Basic salary will be determined by Performance Appraisal outcome |
| **Fresh Candidates** | Should the selection committee find that qualified candidates applying for teaching positions require additional training to effectively manage classes, it may choose to hire these candidates on a temporary basis with a consolidated salary. This salary would be within the range of Rs. 15,000 to Rs. 20,000 per month | |
| **Superannuation** | Faculty members reaching the age of 60 years will be retired. However, if the management believes that a retired faculty member could continue to contribute for a certain period, they may be rehired on an annual contract with a renegotiated salary. | |

**Annexure-18**

**Policy on Honorarium and Payments for Short Duration Academic Services**

1. Professionals from Industry, Academia, or Business delivering a module or course spanning 30 hours will receive a consolidated payment of Rs. 50,000/- (Fifty thousand) along with a one-time travel allowance (round trip if the expert is from a different city/town).

2. A guest lecturer providing a one-hour expert session is entitled to an honorarium of Rs. 1,500/- along with local hospitality.

3. An expert leading a full-day workshop/seminar involving not less than 6 hours of audience interaction will be compensated Rs. 10,000/-, inclusive of travel expenses.

4. Members of the faculty from GMU/GM Institutions attending a conference, presenting a paper, or participating in a seminar/workshop will be reimbursed the registration fee and a 2nd class train travel amount. Each faculty member is eligible for sponsorship in only one such program. If a faculty member wishes to attend additional programs, they can avail of Other Official Duty (OOD).

Note: All payments mentioned above must adhere to the University's payment procedures. The respective Deans/School Directors are responsible for facilitating these payments, subject to approval from the Vice Chancellor/Registrar of the University.
Vice Chancellor on behalf of GM University

**Annexure-19**
**Minutes of statutory body Meetings**

GM UNIVERSITY
P. B. Road, Davanagere, Karnataka - 577 006
Toll Free No.: 1800 123 7099, Ph: +91 93640-99720 /721
info@gmu.ac.in www.gmu.ac.in

Date: 13.01.2024
Time: 10.30 AM

## Board of Governors

## Meeting - Attendance List

| Sl No. | Name | Signature |
|---|---|---|
| 1 | Sri. G M Lingaraju | |
| 2 | Principal Secretary - HE | |
| 3 | Principal Secretary - ME | |
| 4 | Prof. Rakesh Mohan Joshi | |
| 5 | Mr. Raj Kumar Iyengar | |
| 6 | Dr. Sivathanu Pillai | |
| 7 | Dr. Rajalakshmi Menon | |
| 8 | Mr. G. S. Anith Kumar | |
| 9 | Mr. H.R. Suresh | |
| 10 | Dr. S.R. Shankapal | |
| 11 | Dr. H.D. Maheshappa | |
| 12 | Dr. Sunil Kumar B S | |
| 13 | Dr. K. Divyananda | |
| 14 | Mr. Rafiq Raj | |

Chaired By,
**Sri. G M Lingaraju**
Chancellor

## Board of Governors (BoG)
## 1st Meeting

## Date: 13th January 2024
## Time: 10.30 AM- 1.30 PM
## Venue: Neptune Hall, Sheraton Hotel, Bangalore

**Members Present**:

1. Sri. G M Lingaraju, Chancellor, GMU, Davanagere
2. Prof. Rakesh Mohan Joshi, Former Director IIFT/IIPM, Bangalore
3. Dr. Sivathanu Pillai, Former CEO, BraMos, DRDO
4. Dr. Rajalakshmi Menon, Director, CABS, DRDO, Bangalore
5. Mr. G. S. Anith Kumar, Treasurer, SET, Davanagere
6. Mr. H.R. Suresh, HR Suresh & Co., Bangalore
7. Dr. S.R. Shankapal, Vice Chancellor, GMU
8. Dr. H.D. Maheshappa, Pro-Vice Chancellor, GMU
9. Dr. Sunil Kumar B S, Registrar, GMU
10. Mr. Rafiq Raj, ED, GM Group, Bangalore
11. Dr. K. Divyananda, Director, GMIT, Bangalore

**Members Absent**:

1. Principal Secretary, HE, GoK
2. Principal Secretary, ME, GoK
3. Raj Kumar Iyengar, VP, Bosch India

**Agenda of the meeting:**

- Introduction of members
- Formal welcome to members by Registrar
- Opening remarks by the Chancellor
- University presentation -Vice Chancellor
- Discussions – Moderated by Dr. K. Divyananda
- Closing remarks by Chancellor
- Vote of Thanks
- Lunch

**Proceedings:**

Dr. K. Divyananda introduced each member of the BoG at the start of the meeting.

Dr. Sunil Kumar, Registrar at GMU, extended a formal welcome to the members of the Board of Governors during the inaugural BoG Meeting.

In his opening address, the Chancellor expressed his gratitude to all the Board of Governors (BoG) members for their participation. He shared the vision of his father, G Mallikarjuna, a notable former statesman, who was instrumental in the establishment of educational institutions in the less educationally developed central region of Karnataka. This initiative aimed at providing higher education opportunities for students in the area. G Mallikarjuna founded the Srishyla Education Trust in 2000, which led to the creation of several institutions including G M Institute of Technology (GMIT) in 2001, GMH-PU College in 2003, GMS-Academy-First Grade College in 2011, GMH-English Medium High School in 2014, and G M Institute of Pharmaceutical Sciences and Research (GMIPSR) in 2019, along with GM Polytechnic and GM Management Studies, among others.

The trust then made a pivotal decision to form GM University, consolidating all its colleges under a single umbrella. GMU was officially established in September 2023 by an act of the State of Karnataka. The university, occupying a 54-acre campus with over 9 lakh square feet of built area, is strategically located on P B Road, Davanagere, near the DC's office.

The Chancellor emphasized that the trust's vision is to elevate GM University to the ranks of the finest institutions in the country, providing quality education and meeting the needs of students in the region. He called upon the BoG members to offer their guidance and support in steering the university towards realizing this ambitious vision.

The Chancellor requested Dr. S. R. Shankapal to deliver a presentation about the University.

Dr. S. R. Shankapal then gave an in-depth presentation covering various aspects including:

- The establishment of the University
- Details about the University-act, notification, statutes, vision, mission, values, objectives, and Organogram
- Academic offerings of the University, encompassing UG and PG Programs, research initiatives, competency and skill development, consultancy, and pathways for innovation, incubation, and entrepreneurship
- University policies
- Planned milestones for the upcoming 5-6 years

During the discussion, Dr. Sivathanu Pillai expressed reservations about renaming the traditional Mechanical Engineering program to Engineering Design Program, citing concerns over the challenges of educating the audience about this new terminology and breaking away from tradition. However, Dr. S. R. Shankapal and Chancellor Lingaraju provided justification for this change in nomenclature,

acknowledging the risks involved in doing so. Mr. Anith Kumar joined chancellor in justifying the new nomenclature.

Dr. Rajalakshmi Menon also expressed her concerns regarding the change in naming mechanical engineering as Engineering Design.

Both Dr. Pillai and Dr. Rajalakshmi Menon felt that the University was overly focusing on IT-related programs. They noted that while such programs are in high demand in the market, this emphasis could potentially lead to an imbalance in the distribution of graduates across different fields.

Dr. Joshi, on the other hand, viewed the academic programs as highly progressive and in alignment with the National Education Policy (NEP) principles. He believed that the university should have the liberty to experiment with its offerings.

Following the presentation, Dr. Divyananda began soliciting individual opinions from the members about the University's preparations.

Each member acknowledged that a solid foundation had been established for creating a distinguished university. They emphasized that it is now up to the administrators and faculty to dedicate their full efforts in transforming the university into a premier centre of learning.

Chancellor G M Lingaraju expressed his gratitude to all the members once more and encouraged them to continue supporting the cause.

Dr. H. D. Maheshappa, the Pro Vice Chancellor, extended his thanks to the chair and the Board of Governors' members for their engaged participation.

The meeting concluded with the Chancellor inviting everyone present to join for lunch.

GM UNIVERSITY
P. B. Road, Davanagere, Karnataka - 577 006
Toll Free No.: 1800 123 7099, Ph: +91 93640-99720 /721
info@gmu.ac.in www.gmu.ac.in

Date: 12.01.2024
Time: 10.30 AM

# Board of Management

| Sl No. | Name | Signature |
|---|---|---|
| 1 | Sri. G S Anith Kumar | |
| 2 | Sri. G L Rajeev | |
| 3 | Dr. S R Shankapal | |
| 4 | Dr. H D Maheshappa | |
| 5 | Dr. Sunil Kumar B S | |
| 6 | Dr. Girish Bolakatti | |
| 7 | Dr. Basavaraj Swamy | |
| 8 | Mrs. Shweta Marigoudar | |
| 9 | Dr. Kiran Kumar H S | |
| 10 | Mr. Shivamurthy K S | |
| 11 | Mr. Ramanagowda S | |

Chaired By,

**Dr. S R Shankapal**
Vice-chancellor

**Board of Management Meeting**

**Date**: January 12, 2024

**Venue**: Conference Room-1, GM University, Davanagere

**Time**: 1:00 PM

**Members Present**:

Dr. S. R. Shankapal

Dr. H. D. Maheshappa

Dr. Sunil Kumar B S

Mr. G.S. Anith Kumar

Mr. G.L. Rajeev

Dr. Basavaraj Swamy

Mrs. Shweta Marigoudar

Mr. Shivamurthy K.S.

Sri. Ramana Gowda

**Apologies:**

Dr. Girish Bolakatti

Dr. Kiran Kumar H S

The inaugural Board of Management meeting of GM University was held on January 12, 2024, at 1 PM.

**Key highlights include**:

The Vice Chancellor chaired the meeting.

- The Vice Chancellor gave a comprehensive presentation on GM University - University Act, Statutes, university activities, programs, and plans for next 5 years.
- Mr. G.S. Anith Kumar inquired about why university cannot affiliate other colleges. Vice Chancellor clarified its unitary nature and explained the benefits of being a comprehensive university.

- The Vice Chancellor emphasized that the Board of Management primarily focuses on the operation and running of the university, underscoring the importance of student affairs.
- Mr. Rajiv G.L expressed inclusion of construction and management as a program and also Aeronautical Engineering.
- Inclusion of a program on aviation management was also recommended.
- Mr. Anith Kumar raised concerns about degrees from foreign universities. The Vice Chancellor explained the legalities and answered his concerns.
- In Marketing & Strategy discussions, Anith Kumar suggested bifurcating the budget for advertising and marketing, with a focus on job fairs and digital advertisements.
- Mr. Shivmurthy provided a detailed explanation of hostel building construction Plan to Mr. Anith Kumar G.S.

**Discussion Highlights:**

- Mr. Rajiv recommended implementing SAP, ERP, and certified courses for better student placements. He also advised against assigning low credits to students and emphasized the need for counseling.
- Mr. Anith Kumar G.S suggested involving students in GMU Time Magazine editing and graphic designing. He also requested sharing a progress report every six months, including achievements.
- Mr. Rajiv G.L proposed implementing business incubation centers and patents in Bangalore.

The meeting concluded with gratitude extended to the chair and meeting ended at 3 PM.

Prepared by: C K Anushree

Signature:

Vice Chancellor:

Date: 12.01.2024

Srishyla Educational Trust (R)

# GM UNIVERSITY

Post Box No. 4, P. B. Road, Davanagere - 577 006 Karnataka | India
E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

Date: 29.12.2023
Time: 10.30 AM

## Academic Council

| Sl No. | Name | Signature |
|---|---|---|
| 1 | Dr. S. R. Shankapal | |
| 2 | Dr. H. D. Maheshappa | |
| 3 | Dr. Sunil Kumar B S | |
| 4 | Dr. G. M. Patil | |
| 5 | Dr. Basavaraj Swamy | |
| 6 | Mrs. Shweta Marigoudar | |
| 7 | Dr. Santhosh B M | |
| 8 | H.A. Balasubramanya | |
| 9 | Dr. Deepak K.T. | |
| 10 | Dr. Sreedhara K. S. | |
| 11 | Mr. Virupaksha | |
| 12 | Mr. Sunil S. Batnavar | |
| 13 | Mr. Girish Pattanshetty | |

Chaired By,

**Dr. S R Shankapal**
Vice-chancellor

**Academic Council Meeting**

**Date: 29-12-2023, Venue: Conference Room-1, GM University, Davanagere**
**Time: 10.30 am**

**Members Present:**

1. Dr. S. R. Shankapal
2. Dr. H. D. Maheshappa
3. Dr. Sunil Kumar B S
4. Dr. G. M. Patil
5. Dr. Basavaraj Swamy
6. Mrs. Shweta Marigoudar
7. Mr. H. A. Balasubramanya
8. Dr. Deepak K. T
9. Dr. Sreedhara K. S
10. Mr. Virupaksha
11. Mr. Sunil S. Batnavar
12. Mr. Girish Pattanashetti

The inaugural Academic Council meeting of GM University took place on December 29, 2023, at 10:30 AM. The key proceedings were as follows:

- The Vice Chancellor presided over the meeting.
- Dr. Sunil Kumar B S, the University Registrar, extended a warm welcome to the Academic Council members.
- Following the welcome, the Vice Chancellor delivered a presentation on the University, introducing its model and detailing the various programs offered, along with the corresponding student intake.
- Dr. Sunil Kumar presented on the Academic Regulations governing the university's academic programs.
- Dr. H D Maheshappa, PVC, provided a comprehensive explanation of the academic processes, encompassing Program Documents, Course Documents, and Assessment procedures. He also elucidated on the co-curricular and extracurricular programs essential for students to fulfil specified credits and earn a degree in their chosen discipline.

Subsequently, the floor was opened for discussions, yielding the following highlights:

- Mr. Girish Pattanashetti proposed identifying an activity to enhance students' creative writing skills.

- Dr. Sreedhar K S suggested adding a Kannada slogan to GM University's branding and exploring the possibility of introducing courses covering the Indian Knowledge system, such as Vedic Mathematics.
- Mr. Balasubramanya expressed satisfaction with the university's initiatives.
- Dr. Deepak recommended the introduction of courses related to tribal knowledge.
- Mr. Virupaksha volunteered to guide students in internships and preparation for job interviews.
- Dr. Sreedhar K S raised concerns about a student excelling in sports but facing attendance issues. Dr. H D Maheshappa assured that permission would be granted against attendance if approved.
- Dr. Sunil Batnawar inquired about the credit score system. Dr. H D Maheshappa explained that the credit score is calculated over eight semesters, considering technical skills, life skills, innovation, entrepreneurial skills, environmental awareness, community services, student affairs, sports, and placement training.
- Dr. S R Shankapal clarified the appointment of directors for student proctors and student affairs, emphasizing their role in monitoring student academic progress and extracurricular involvement, aiming to assist students in building a valuable career at GMU.

The meeting concluded with gratitude extended to the chair and adjourned at 2 pm.

Srishyla Educational Trust (R)

# GM UNIVERSITY

Post Box No. 4, P. B. Road, Davanagere - 577 006 Karnataka | India
E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

Date: 30.12.2023
Time: 10.30 AM

## Research Innovation Council

| Sl No. | Name | Signature |
|---|---|---|
| 1 | Dr. S. R. Shankapal | |
| 2 | Dr. H. D. Maheshappa | |
| 3 | Dr. Sunil Kumar B S | |
| 4 | Dr. K N Bharath | |
| 5 | Dr. Girish Bolakatti | |
| 6 | Dr. G. M. Patil | |
| 7 | Dr. Basavaraj Swamy | |
| 8 | Mrs. Shweta Marigoudar | |
| 9 | Dr. Santhosh B M | |
| 10 | Dr. Swaroop K | |
| 11 | Dr. R. S. Deshpande | |
| 12 | Dr. Prasanna Kumar B C | |
| 13 | Mr. Shashishekar | |
| 14 | Dr. Shankar M R | |
| 15 | Dr. D. Narasimha | |

Chaired By,

**Dr. S R Shankapal**
Vice-chancellor

## Research and Innovation Committee Meeting Minutes

**Date: 30-12-2023**

**Venue: Conference Hall, GM University**

**Time: 11.00 AM**

**Members Present:**

| S. No. | Name | Affiliation | Designation |
|---|---|---|---|
| 1 | Dr. S. R. Shankapal | Vice Chancellor | Chairperson |
| 2 | Dr. H.D. Maheshappa | Pro Vice Chancellor | Member |
| 3 | Dr. Sunil Kumar B S | Registrar | Member |
| 4 | Dr. K. N. Bharath | Dean of Research | Member-Secretary |
| 5 | Dr. Girish Bolakatti | Director – Centre for Innovation and New Product Ideas | Member |
| 6 | Dr. G. M. Patil | Dean-FET | Member |
| 7 | Dr. Basavaraj Swamy | Dean- FCM | Member |
| 8 | Mrs. Shweta Marigoudar | Dean- FCIT | Member |
| 9 | Dr. Santhosh B M | Dean-FBAS | Member |
| 10 | Dr. Swaroop K | Associate Dean of Research | Member |
| 11 | Dr. R.S. Deshpande | Former Director ISEC | Member |
| 12 | Dr. Prasanna Kumar B C | Professor, Davanagere University | Member |
| 13 | Mr. Shashishekar | Scientist- ISRO Labs | Member |
| 14 | Dr. Shankar M. R. | CABS -DRDO | Member |
| 15 | Dr. D. Narasimha | TIFR/IIT Dharwad | Member |

**Apologies:**

| S. No. | Name | Affiliation | Designation |
|---|---|---|---|
| 1 | Dr. Shashidhar T.R. | Professor- Agri University | Member |
| 2 | Dr. V. Shyam | Industry | Member |
| 3 | Dr. Neeraj Saxena | DST-TIFAC | Member |
| 4 | Dr. S.V. Prabhu | IITB-Mumbai | Member |
| 5 | Dr. S Basavarajappa | Registrar, IIT Dharwad | Member |
| 6 | Dr. Divyananda | Director, GMIT | Member |
| 7 | Mr. Rafiq Raj | Director, GM Global Products and Sales Pvt. Ltd. | Member |

The RIC meeting, conducted on 30th December 2023, aimed to deliberate on crucial aspects of research and innovation at GM University. A meeting was convened to outline the strategic action plan for the upcoming academic year, 2024-25.

Dr. Bharath K N, Dean Research, GM University has welcomed the members of the RIC.

Dr. S. R. Shankapal, Vice-Chancellor, GM University then delivered a welcome remarks and presentation on GM University.

Dr. Bharath K N further presented the purpose, objectives and plan of action to the RIC.

The PowerPoint presentation used during the discussion is attached for future reference.

The key points discussed were:

- UGC/JRFs and other scholarship holders should be encouraged to join the PhD programme under GM University.
- Publicity team should communicate with the national laboratories like ISRO, DRDO and so on, to collaborate for the PhD programme and other research related activities.
- The Research Progress Review Committee (RPRC) should be formed for every individual PhD candidate constituting at least one external member. The committee should review each candidate periodically and thorough review should be done.
- The criteria for submitting a Ph.D. thesis was discussed. It was decided that a minimum of two publications, indexed in Scopus or Web of Science, is a requirement for submission.
- The possibility of incorporating non-doctorate experts from national research laboratories as 'Advisors' for Ph.D. candidates was discussed.
- The discussion involved the consideration of publishing the GM University's 'Research Bulletin' in collaboration with a reputable publisher.
- The members proposed that students participating in the Research Experience for Undergraduates (REU) program be acknowledged as contributors to publications. Additionally, it was proposed that the University provide a research experience letter for students involved in the REU.
- Undergraduate students may opt for research internships if they are guided by an academician affiliated with premier institutions such as IIT or others.
- The Vice Chancellor has requested all external members of the RIC to support us in facilitating opportunities for research related activities at their respective institutions/organizations.

The meeting ended with thanks to the chair.

Srishyla Educational Trust (R)

GM UNIVERSITY

Post Box No. 4, P. B. Road, Davanagere - 577 006 Karnataka | India
E-mail: info@gmu.ac.in, Website: www.gmu.ac.in

Date: 05.01.2024
Time: 10.30 AM

# Finance Committee

| Sl No. | Name | Signature |
|---|---|---|
| 1 | Sri. G M Lingaraju | |
| 2 | Sri. G M Prasanna Kumar | |
| 3 | Sri. Ramana Gowda | |
| 4 | Dr. S R Shankapal | |
| 5 | Dr. H D Maheshappa | 05/01/24 |
| 6 | Dr. Sunil Kumar B S | |

Chaired By,

**Dr. S R Shankapal**
Vice-chancellor

# Finance Committee Meeting

**Date: 05.01.2024, Venue: Conference Room-1, GM University, Davanagere, Time: 10.30 am**

**Members Present:**

1. Sri. G M Lingaraju
2. Sri. G M Prasanna Kumar
3. Mr. Ramana Gowda
4. Dr. S R Shankapal
5. Dr. H D Maheshappa
6. Dr. Sunil Kumar B S

The 1st Finance Committee meeting of GM University was held on January 5, 2023 at 10:30 AM.

The key proceedings were as follows:

- The meeting was chaired by Sri. G M Lingaraju- Chancellor, G M University
- Mr. Prasanna Kumar, Chairman, Srishyla Education Trust represented the trust
- Dr. Sunil Kumar B S, Registrar of the University, extended a formal welcome to the Finance Committee members.
- Dr. S.R. Shankapal, Vice Chancellor of the University gave an overview of the University through a presentation, that included University Model, programs offered, student intake, fee structures, and the campus master plan, University operations.
- One of the highlights of the presentation was how university would offer competency and skill development programs to enhance the students' placements and also keep the students abreast with the technological developments in the market
- Mr. Prasanna Kumar had the concerns regarding educating students and parents regarding the numerous course offerings and their benefit to the students in modern day context.
- Mr. Prasanna Kumar also advised certain information regarding university highlights be brought out in Kannada language so that it becomes easy for parents to understand the advantages the University offers, the vice chancellor agreed to develop certain part of the marketing material in Kannada too.
- Vice Chancellor brought to the notice of the members, the University operations will be monitored and reviewed on monthly basis and initiate appropriate action to reduce the deviations if any. This meeting is called University Executive committee meeting and will be held on first Wednesday /Thursday of every month during 9.30 Am to 11.00 AM

- Mr. Ramana Gowda, a member of the Finance Committee, proceeded with a presentation on the finance team's vision, quarterly accounting of revenue and expenditures, and capital allocation.

Following this, discussions were opened, resulting in the following key points:

- Committee members expressed a need for more elaborate financial information to facilitate a thorough analysis of financial gaps. The Vice Chancellor agreed to provide a detailed format, allowing the finance team to present data numerically and graphically, capturing financial details of each University program, including revenue, operational expenses, capital investments, and the gap between revenue and expenses.
- Mr. Ramana Gowda committed to presenting an improved financial report in the next meeting scheduled for March 2024.

The meeting ended with thanks to the chair.

The meeting ended at 2.00 PM

The minutes were prepared by Ms. Soumya K and edited by Dr. S. R. Shankapal

Approved By: _____

5.1.2024

Date of Approval: _____

Srishyla Educational Trust (R), Bheema Samudra.

# GM UNIVERSITY

P. B. Road, Davanagere – 577 006 KARNATAKA | INDIA

## SCHOOL OF VOCATIONAL TRAINING

### COMPETENCY, SKILLS AND VOCATIONAL DEVELOPMENT ADVISORY COUNCIL (CSVDAC)

### First CSVD Advisory Council Meeting

### Minutes of Meeting

Date : 03-03-2024

Venue : Conference Hall-1, GM University

Time : 10.30 AM

Members Present:

| S. No. | Name | Affiliation | Designation |
|---|---|---|---|
| 1 | Dr. S. R. Shankapal | Vice Chancellor | Chairperson |
| 2 | Dr. H.D. Maheshappa | Pro Vice Chancellor | Member |
| 3 | Dr. Sunil Kumar B S | Registrar | Member |
| 4 | Mr. Supreeth Y S | HR, Mercedes Benz | Member |
| 5 | M. Shambhulingappa Ajjampur | Davangere District Chamber of Commerce and Industry | Member |
| 6 | Mr.N.C Hanumantha Rao | Proprietor, M/s. Deepa Engineering, Harihar | Member |
| 7 | Dr. B R Sreedhar | Director – SVT | Member-Secretary |
| 8 | Mr. Firoz Khan | School of Digital Technical Competency Development(DTCD) | Team Member |
| 9 | Dr. Asha K | School of DTCD | Team Member |
| 10 | Mr. Raviteja Balekai | School of DTCD | Team Member |
| 11 | Mr. Ashok H S | School of Vocational Training | Team Member |
| 12 | Mrs. Yasmin Begum | School of Vocational Training | Team Member |
| 13 | Dr. D N Basavarajappa | Dy. Director – B.Voc Programme | Team Member |
| 14 | Dr. Suresh Babu | Dy. Director – B.Voc Programme | Team Member |
| 15 | Mr. Mownesh G K | Dy. Director – B.Voc Programme | Team Member |

**Apologies:**

| | | | |
|---|---|---|---|
| 4 | Mr. Basanna Gowda | JD, District Skill Devp. Officer, Dvg | Member |
| 5 | Prof. Keerthi Prasad G | Director-SDTCD | Member |
| 6 | Prof. Tejasvi Kattimani T R | Director, Career Advice and Students Placements, GMU | Member |

The First CSVD Advisory Council meeting, conducted on Saturday, 2nd March 2024, aimed to deliberate on crucial aspects of COMPETENCY, SKILLS, and VOCATIONAL DEVELOPMENT at GM University. The meeting was convened to outline the strategic action plan for the upcoming academic year, 2024-25.

Dr. S. R. Shankapal, Vice-Chancellor of GM University, delivered a welcome address and initiated the meeting by introducing the founder, providing insights into the university's background.

Dr. S. R. Shankapal then invited all the meeting members to introduce themselves, and everyone complied.

During his presentation, Dr. S. R. Shankapal highlighted key points using a PowerPoint presentation:

- GM University was established under the Karnataka Act No 19 of February 2023.
- The university's focus is on knowing, doing, and creating, with the aim of offering a wide variety of programs to GMU students.
- The presentation included an overview of GM University's offerings, encompassing academics, research, competency skills, vocational development (SVT and SDTCD), and consultancy innovation and entrepreneurship.

Following this, Dr. B. R. Sreedhar, Director – SVT has made a presentation on various activities undertaken in School of Vocational Training.

- Dr. B R Sreedhar has focused on the following various Diploma Programmes proposed to introduce from the academic year 2024-25. He has briefed about the the intake, curriculum and scheme & syllabus of each Diploma programme. of eat GMU, detailing how certificates would be issued based on the year of completion. Also, highlighted about the Work

The First CSVD Advisory Council meeting, conducted on Saturday, 2nd March 2024, aimed to deliberate on crucial aspects of COMPETENCY, SKILLS, and VOCATIONAL DEVELOPMENT at GM University. The meeting was convened to outline the strategic action plan for the upcoming academic year, 2024-25.

Dr. S. R. Shankapal, Vice-Chancellor of GM University, delivered a welcome address and initiated the meeting by introducing the founder, providing insights into the university's background.

Dr. S. R. Shankapal then invited all the meeting members to introduce themselves, and everyone complied.

During his presentation, Dr. S. R. Shankapal highlighted key points using a PowerPoint presentation:

- GM University was established under the Karnataka Act No 19 of February 2023.
- The university's focus is on knowing, doing, and creating, with the aim of offering a wide variety of programs to GMU students.
- The presentation included an overview of GM University's offerings, encompassing academics, research, competency skills, vocational development (SVT and SDTCD), and consultancy innovation and entrepreneurship.

Following this, Dr. B. R. Sreedhar, Director – SVT has made a presentation on various activities undertaken in School of Vocational Training.

- Dr. B R Sreedhar has focused on the following various Diploma Programmes proposed to introduce from the academic year 2024-25. He has briefed about the the intake, curriculum and scheme & syllabus of each Diploma programme. of eat GMU, detailing how certificates would be issued based on the year of completion. Also, highlighted about the Work integrated Diploma programmes which will run as evening college and week end sessions for working employees.
- Dr. B. R. Sreedhar then presented on various Vocational Training Certificate programmes for proposed to introduce from the academic year 2024-25. Around 8 such programmes are

planned from July 2024. The presentation included details on directors, program coordinators, time duration, number of batches, course contents, students per batch, exam evaluation, and the process of certificate issuance. It has gained the appreciation from the council members.

- Later Dr. B R Sreedhar enlightened about the B.VOC. Degree programmes proposed under GMU from the Academic Year 2024. This programme is for 10+2 candidates for 3 years duration. Around 18 such B.VOC programmes are planned which is directly related to industry / start up requirement. The programme deals on more practical hands on sessions rather than theoretical inputs. The students are trained thoroughly on job and make them industry ready. Also, it focuses on Entrepreneurial and Business skills to encourage them to venture into establish startup companies in future. All the members appreciated the initiative of GMU in developing knowledgeable and skillful human resource cater to the requirement of industries and also promoting Atma Nirbhar Bharath & Skill India vision on our Nation.
- N. C. Hanumantha Rao assured to support the training activities through industry visits, invited technical seminars from experts, projects and internships for the students. Also, he has assured to job opportunities for the candidates at the end of the training programme.
- Mr. Shambhulingappa also expressed happiness about the various programmes undertaken by GMU in developing the human resource with required skill sets really meets the demand of industries. He has suggested focusing initially on Residential wiring rather that industry wiring in view of safety precautions.
- Mr. Supreeth Y. S proposed that degree students studying Commerce / Arts / science can also persue this B.VOC Programmes and acquire Dual Degree with their normal degree programmes.

**Part 2**

**School of Digital Technical Competency Development (SDTCD)**

- Dr. Asha K provided an overview of the School of Digital Technical Competency Development (SDTCD) courses, including **Data Science, Embedded Systems, and Cyber security**. She explained the online application process, completion percentages, and the criteria for certificate assignment based on performance grades.
- Mr. Firoz Khan has briefed about the various competency enhancement programmes planned for the students of all the Engineering p9rogrammes offered by GMU semester wise. These competency enhanced programmes are included in the curriculum and the students must complete these courses to earn their Degree. Total 160 credits the students should complete in 4 years considering both academics and other non academic related programmes. Credit system is enforced in the curriculum and 2 credits are reserved for competency enhancement in each semester.
- Also, he has enlightened about the initiation of GMU to collaborate with various professional organizations who are Masters in that technology to impart the training for our students. The certificate issued at the end of the programme will be acknowledged and endorsed by the professional training agencies.
- Mr. Supreeth Y. S recommended that the SDTCD team share student course data with the placement cell to facilitate recruitment.
- In conclusion, all the members actively participated, contributed valuable suggestions for the progress of Vocational training and Digital competency development programmes undertaken by the GM University.
- The meeting ended with thanks to the chair and all the Advisory Council Members by Dr. H D Maheshappa, Pro-Vice Chancellor.

This note was prepared by Dr. B R Sreedhar, Director – SVT.

# 2nd Board of Governors (BOG) of GM University, Davangere

Date: 29th November 2024

Time: 10.30 AM - 1.30 PM

Venue: Conference Hall 1, GM University, Davanagere.

**Members Present:**

| Sl. No. | Name | Affiliation | Board Designation |
|---|---|---|---|
| 14 | Sri. G M Lingaraju | Chancellor, GM University | Chairman |
| 15 | Raj Kumar Iyengar | VP, Bosch India | Member |
| 16 | Dr Sudhir Kamath | DRDO- COE-IISc, Bangalore | Member |
| 17 | Dr. Rajalakshmi Menon | Director, CABS, DRDO, Bangalore | Member |
| 18 | Sri G S Anith Kumar | Treasurer - SET | Member |
| 19 | Mr. H.R. Suresh | HR Suresh & Co., Bangalore | Member |
| 20 | Dr. S R Shankapal | Vice Chancellor | Member |
| 21 | Dr. H D Maheshappa | Pro Vice Chancellor | Member |
| 22 | Dr. Sunil Kumar B S | Registrar | Member Secretary |
| 23 | Mr. Rafiq Raj | ED, GM Group, Bangalore | Member |
| 24 | Dr. K. Divyananda | Director, GMIT, Bangalore | Member |
| 25 | CA. Ashok Kumar | CFO GM University | Member |

**Apologies:**

| Sl. No. | Name | Affiliation | Designation |
|---|---|---|---|
| 1 | Principal Secretary | HE, GOK | Member |
| 2 | Principal Secretary | ME, GOK | Member |
| 3 | Dr. Sivathanu Pillai | Former CEO, BraMos, DRDO | Member |
| 4 | Prof. Rakesh Mohan Joshi | Former Director IIFT/IIPM, Bangalore | Member |

**Agenda:**

7. Welcome to members of Board of Governors
8. Introduction of members
9. University Progress Presentation
10. Discussions and Approvals
11. Vote of thanks

**Welcome:**

Dr. Sunil Kumar B S, the University Registrar, warmly welcomed the Members of the Board of Governors and invited Sri G M Lingaraju, Chancellor of GM University, to chair the meeting.

Sri G M Lingaraju graciously accepted the request and assumed the role of Chair. In his opening address, he extended a heartfelt welcome to all Board members and thanked all the members for the continued support. He then invited the members to introduce themselves.

**Introduction of members:**

Each member of the Board of Governors introduced themselves to the Board.

The Chair invited Dr. S. R. Shankapal, Vice Chancellor of the University, to outline the purpose of the Board and deliver a presentation on the current status of GM University.

**University Progress Presentation:**

Dr. S. R. Shankapal, the Honourable Vice Chancellor of the University, delivered a comprehensive presentation highlighting the developments of the University during the last academic year. The details are given in the presentation attached as **annexure I**.

Vice Chancellor presented the list of new Academic programs, Research programs, and skill programs that will be offered during the **academic year 2025-26** which are already have been approved by the Academic Council during its 2nd meeting. Approved Research programs were also presented to the BoG during the meeting.

During the meeting the University tution fee to be charged to the students for each program was also discussed. Members were also informed about the decision of the management to introduce GM Scholarship for meritorious and economically weaker students. The university tution fee for each program was based on fee fixation committee report.

The members were informed about

1. Seed funding by the management for young researchers and this has been recorded in RIC meeting.
2. Organization of open day program on the 13th and 14th December, 2024 to educate prospective students regarding GMU offerings.
3. Signing of MoUs with feeder colleges to boost enrollment.
4. Collaboration with educational consultants to enhance outreach and promotional efforts.

**Discussions:**

1. **Faculty Distribution and Recruitment Challenges:** The Vice Chancellor provided an overview of the current faculty distribution across departments, including 152 faculty members in Engineering and Technology, 90 in Computing, 61 in Basic and Applied Sciences, 25 in Law, and 20 in Commerce and Management. Challenges in faculty recruitment were discussed, particularly for computing programs, with the Vice Chancellor outlining strategies such as utilizing senior faculty, recruiting industry professionals, and forming collaborations with foreign universities to address the shortages.

2. **Strategies to Address Faculty Shortages:** To manage faculty shortages, the Vice Chancellor proposed leveraging senior faculty, incorporating young technology professionals as tutors, and creating "professors of practice" from industry professionals to teach both online and face-to-face. The university also plans to collaborate with international institutions to bring in visiting professors and organize industry-led workshops and guest lectures.

3. **Student Enrichment and Industry Engagement:** Dr. Rajkumar Iyengar stressed the importance of developing student competencies through industry exposure and hands-on projects. He suggested that a structured approach be implemented for student enrichment programs and industry engagement, ensuring students gain practical skills that align with market needs. The Vice Chancellor emphasized the role of industry partnerships in providing real-world experience for students.

4. **Vision Plan and Future Preparedness:** The Vice Chancellor outlined the university's vision plan, focusing on faculty recruitment, infrastructure development, and the expansion of academic programs. The challenges of managing a growing student and maintaining effective leadership were highlighted, along with the need for continuous adaptation to ensure future preparedness.

5. **Admissions and Faculty Recruitment:** Dr. Iyengar pointed out the importance of aligning faculty recruitment and student admissions strategies to maintain quality while managing a growing student population. He recommended focusing on high-demand fields such as financial services to attract more students. The Vice Chancellor acknowledged the challenges and emphasized strategic planning to ensure quality recruitment.

6. **Industry Collaborations and Exchange Programs:** Dr. Iyengar recommended strengthening industry collaborations and establishing exchange programs with universities in the US, Europe, and Singapore to enhance student opportunities and attract international students. The Vice Chancellor discussed the logistical challenges in managing these collaborations and the need for effective

execution.

7. **Student Expectations and University Reputation:** The Vice Chancellor discussed the key factors that influence student decisions, including accreditation, placement rates, and the overall quality of academic programs. He emphasized the need for the university to develop a strong brand and reputation to meet student and parent expectations, ensuring a continuous focus on quality and improvement.

8. **Infrastructure and Resource Planning:** The Vice Chancellor presented ongoing and upcoming infrastructure projects, including academic blocks, laboratories, and power requirements, to support the university's growth. Strategic planning for infrastructure development was emphasized to effectively accommodate the increasing student body.

9. **Leadership and Management Challenges:** Leadership and management were identified as key challenges in a growing institution. The Vice Chancellor stressed the importance of recruiting and developing effective leaders to manage various verticals, ensuring the long-term success of the university.

10. **Future Vision and Strategic Planning:** The Vice Chancellor concluded with an outline of the university's strategic plans for the future, emphasizing the importance of continuous planning, adaptability, and a clear vision to guide the institution through its next phase of growth and development.
11. **Action Items**
    - Explore collaborations with finance and fintech companies to offer more opportunities for students.
    - Assist in establishing industry partnerships and collaborations.
    - Share the university's vision document with all BoG members for deeper insights into the institution's strategies and plans.

12. **M. Tech Program in Product Development and Marketing:** The Vice Chancellor introduced the interdisciplinary M. Tech program, which combines engineering and MBA, focusing on product development and marketing. The program covers a variety of subjects, including product design, system engineering, market study, and practical skills such as CAD, prototyping, and project management. With a total requirement of 80 credits, and emphasizes hands-on experience and application of knowledge. The program's unique structure sets it apart from similar offerings at institutions like IITs.
13. **Course Structure and Interdisciplinary Approach**: Dr. Sudhir Kamath highlighted the interdisciplinary nature of the program, ensuring students' holistic development. The program incorporates a mix of engineering and business management principles to equip students with the necessary skills for success in the product development field. Practical training includes system design thinking, project management, marketing, and vocational skills such as software development and machinery operation.
14. **Feedback and Evaluation Process**: Dr. Sudhir Kamath discussed the importance of gathering feedback from students, parents, and faculty to continually improve the program. The evaluation system includes a 360-degree feedback process, ensuring all stakeholders contribute to the

program's enhancement. The Vice Chancellor explained faculty recruitment policies, workload distribution, and the importance of annual faculty appraisals, ensuring effective teaching and development. The student-teacher ratio is maintained at 1:20 for engineering courses and 1:30 for other programs.

15. **AI Tools and Interactive Learning**: Dr. Sudhir Kamath inquired about the use of AI tools in the program, to which the Vice Chancellor explained the integration of AI tools like ChatGPT for generating educational content and supporting interactive teaching. The campus is fully Wi-Fi enabled, allowing students to access educational materials remotely, enhancing the learning experience with AI-driven content.
16. **Placement and Job Quality**: The Vice Chancellor addressed placement strategies, emphasizing the focus on quality over quantity. The university prioritizes securing placements in top-tier companies, particularly high-paying roles. The university aims to improve students' English proficiency and business skills to increase their marketability to premium employers.
17. **Documentation and ERP System**: Dr. K. Divyananda requested confirmation regarding documentation related to UGC and state government requirements. The Vice Chancellor assured the availability of updated documents and the implementation of an ERP system to facilitate continuous documentation. This system ensures that students have easy access to their grades and academic records.
18. **Examination and Grade Access**: Dr. K. Divyananda raised the issue of how students access their examination results. The Pro-Vice Chancellor explained that students can download their grades from the ERP System, which ensures transparency. Additionally, students have access to publications and Scopus index as academic resources.
19. **Firewall System and Server Protection**: Dr. Divyananda inquired about the security measures in place for student data. The Vice Chancellor confirmed that a firewall system and server protection are in place to secure academic records and personal information, ensuring data protection for all students.
20. **Action Items**

    - Ensure that all required documentation is maintained and regularly updated.
    - Create a Unique Academic ID (UAID) for all students and upload their academic data to the National Academic Depository.
    - Strengthen the university's industry connections and placement efforts to attract premium employers.

21. **Discussion on Academic and Administrative Improvements**: The meeting focused on the challenges and strategies for enhancing both academic and administrative aspects of the institution. Several key points were discussed, including the importance of improving communication, building effective teams, and strengthening professional competencies within the university. The conversation also highlighted the need for a stronger social media presence to better communicate the institution's activities and achievements. Furthermore, the role of university programs in enhancing communication protocols was emphasized, along with the necessity of a standardized system to improve efficiency and consistency across departments.
22. **Strategic Planning and Placement Systems**: The Chancellor outlined the importance of maintaining academic standards, particularly through a standardized admissions process, to ensure quality

education. There was also discussion on the effectiveness of the current student placement system, with suggestions to improve its structure and ensure better outcomes for graduates. Additionally, the need for a robust finance committee was noted to address ongoing budget concerns and ensure financial planning aligns with the institution's goals.

23. **Budget and Resource Allocation**: CA. Ashok Kumar raised concerns regarding the current budget and suggested the implementation of a budget forecast circular to help streamline financial planning. Dr. Divyananda discussed the challenges associated with non-defendable positions and stressed the importance of sports maintenance within the university's overall infrastructure plans.
24. **Health Science Courses and Marketing**: The marketing of health science programs was discussed, focusing on how these programs could be better marketed to attract students and align with industry needs. The conversation also touched upon the potential introduction of new academic programs, such as nursing and other health science courses, which would require careful consideration of available resources and budgetary constraints.

25. **Action Items**
    - Finalize program offerings and establish revenue projections for each program.
    - Obtain consent from relevant stakeholders for proposed student fees and innovation activity initiatives.
    - Explore the feasibility of introducing new academic programs, particularly in health sciences, while addressing budget and resource concerns.
    - Improve the university's social media presence and refine communication protocols to enhance public engagement.
    - Address student concerns regarding placements and develop strategies to improve placement opportunities.

26. **Discussion on Financial Management and Expenditure Allocation**: The meeting focused on the financial management strategies and expenditure allocation for the university. Key points discussed included the distribution of revenue across operational and capital expenditures. The operational budget is allocated 50% of the revenue, which covers essential costs such as laptop influencers, advertisements, infrastructure expansion, building maintenance, and vehicle upkeep. Additionally, 25% of the revenue is designated for capital expenditures, primarily aimed at funding significant projects, including the construction of an admin block, student block, and hostels.

27. **Financial Overview and Key Expenditures** CA. Ashok Kumar presented the financial overview for th e academic year 2024-2025, outlining the planned revenue and expenditure allocations. He emphasized the critical need for balancing operational and capital costs to ensure the university's continued growth and long-term sustainability.

    - **Operational Expenditure:** This includes essential costs such as laptops, advertisements, uniforms, library resources, and infrastructure maintenance.
    - **Capital Expenditure:** Focused on major infrastructure projects, with a projected expenditure ranging from 7 to 18 crores for development initiatives.
    - **Revenue Budget:** A revenue budget of 20 crores has been approved.

- **Capital Expenditure Budget:** A capital expenditure budget of 10 crores has been approved for the year.
- **Infrastructure Investment:** A capital investment of **150 crores** has been approved for infrastructure development, including the construction of an admin block, student block, and girls' hostel.

28. **Student Welfare and Expenditure Management**: The Vice Chancellor emphasized the importance of allocating resources for student welfare, highlighting initiatives like open Day, student services, and campus events. There was a discussion on how student welfare expenditures align with the overall operational budget and the importance of maintaining a focus on student needs while ensuring the university's financial health.

29. **Financial Projections and Surplus Management**: CA. Ashok Kumar provided detailed revenue and expenditure projections for the academic year, forecasting a significant increase in both revenue an d expenditure compared to the previous year. The projected expenditure for operational costs is approximately 20 crores, along with 10 crores amount earmarked for capital development.

- The surplus for the current year is noted, with the university managing shortfalls through inter-unit loans.
- The current year's revenue and expenditure are expected to triple compared to the previous year.

- **Key Projects and Fee Structure:** The major projects for the year include the construction of the admin block, student block, and hostels, which will require substantial capital investment. The discussion also touched on the fixation of student fees and the need for financial committees to ensure the proper allocation and management of funds.

30. **Action Items**
    - Finalize the allocation for revenue projections and associated budget plans for the current academic year.
    - Confirm and establish financial planning for major projects, including the admin block, student block, and hostels.
    - Ensure the proper management of student welfare and operational expenditures.
    - Evaluate and approve the fee structure for the upcoming academic year.
    - Strengthen the role of financial committees to monitor and manage revenue and expenditures effectively.

31. **Approval of GMU's Academic Program Expansion:** The Board of Governors approved key proposals to expand GM University's academic offerings, including a new B.Tech program in Mechanical Engineering and three law programs, with LLB already approved by BCI. Additionally, five new postgraduate programs and intake enhancements for existing programs were approved, aiming to meet evolving academic demands and regulatory standards. All BoG members reviewed and signed the document at the meeting's conclusion.

The meeting concluded with gratitude extended to the chair and adjourned.

The attendance of the members attended is attached in **Annexure II**.

**Vote of Thanks**:

Dr. H. D. Maheshappa, the Pro Vice Chancellor, extended his thanks to the chair and the Board of Governors members for their engaged participation.

The meeting concluded with the Chancellor inviting everyone present to join for lunch.

Date: January 13, 2024

Signature of the Chair

Sri G M Lingaraju
Chancellor

**Annexture:**

- **Annexure I -** University Presentation Annexture - 1 BoG - 2 PPT.pptx
- **Annexure II -** Attendance of the Members Annexture -2 BoG -2 Attendence.pdf
- **Annexture III** - Intake Approval - Signed by BoG Members Annexure - 3 - Intake Approval - Signed by BoG Members.pdf

## 2nd Board of Management Meeting of GM University, Davangere

Date: 29th November 2024

Venue: Conference Room-1,

GM University, Davanagere

Time: 3:00 PM

**Members Present:**

| Sl. No. | Name | Affiliation | Council Designation |
|---|---|---|---|
| 1 | Sri. G M Lingaraju | Chancellor | Chairman |
| 2 | Sri. G M Prasanna Kumar | Chairman, SET | Member |
| 3 | Sri G S Anith Kumar | Treasurer - SET | Member |
| 4 | Dr. S R Shankapal | Vice Chancellor | Chairperson |
| 5 | Dr. H D Maheshappa | Pro Vice Chancellor | Member |
| 6 | Y. U. Subhashchandra | MR, GMU | Member |
| 7 | Dr. Sunil Kumar B S | Registrar | Member Secretary |
| 8 | Dr. Sanjay Pande M. B. | Director, GM School of Advanced Studies | Member |
| 9 | Prof. Shweta Marigoudar | Dean-FCIT | Member |
| 10 | Dr. Girish Bolakatti | Principal-GMIP&R | Member on Invitation |
| 11 | Mr. Shivamurthy K S | Chief Engineer –GMU | Member on Invitation |
| 12 | Mr. Ramaragowda S | Finance Manager | Member on Invitation |
| 13 | Mr. CA. Ashok Kumar | CFO, GMU | Member on Invitation |

**Apologies:**

| Sl. No. | Name | Affiliation | Designation |
|---|---|---|---|
| 1 | Mr. G. P. Mallikarjun | Trustee | Member |
| 2 | G. L. Rajeev | Trustee | Member |
| 3 | Dr. Karibasappa | Sr. Dean-FET/FBAS | Member |
| 4 | Dr. Kiran Kumar H. S | Director-Student Affairs | Member on Invitation |

The 2nd Board of Management meeting of GM University was held on 29th November 2024, at 3 PM.

**Agenda:**

1. Welcome to members of Board of Management
2. University Progress Presentation
3. Discussions
4. Physical Infrastructure and Resources
5. Vote of thanks

**Welcome:**

Dr. Sunil Kumar B S, the University Registrar, extended a warm welcome to the Board of Management.

**Introduction of members:**

Dr. Sunil Kumar B S, the University Registrar, requested all the members of the Board of Management to introduce themselves and requested Honourable Vice Chancellor to chair the meeting.

**University Presentation and Discussions:**

Dr. S. R. Shankapal, the Honourable Vice Chancellor of the University, delivered a comprehensive presentation highlighting the developments of the University during the last academic year. The details are given in the presentation attached as **Annexure I.**

Pro-Vice Chancellor presented the list of new Academic programs, Research programs, and skill programs that will be offered during the **academic year 2025-26** which are already have been approved by the Academic Council during its 2nd meeting. Approved Research programs were also presented to the BoM during the meeting.

During the meeting the University tution fee to be charged to the students for each program was also discussed and certain modifications were made and also decided to introduce GM Scholarship for meritorious and economically weaker students. The university tution fee for each program was based on fee fixation committee report.

The members were also informed about seed funding by the management for young researchers and this has been recorded in RIC meeting.

The meeting concluded with gratitude extended to the chair and adjourned.

The attendance of the members attended is attached in **Annexure II.**

Date: January 12, 2024

Signature of the Chair

Dr. S R Shankapal
Vice Chancellor

**Annexture:**

- **Annexure I.** - University Presentation Annexture -1 - BoM 2 - PPT.pptx
- **Annexture II** - Attendance of the Members Annexture - 2 BoM -2 Attendence.pdf

# 2nd Academic Council Meeting of GM University, Davanagere

Date: November 19, 2024

Venue: Conference Room-1,

GM University, Davanagere

Time: 10:30 AM

**Members Present:**

| Sl. No. | Name of the member | Affiliation | Council Designation |
|---|---|---|---|
| 14 | Dr. S. R. Shankapal | Vice Chancellor | Chairperson |
| 15 | Dr. H. D. Maheshappa | Pro Vice Chancellor | Member |
| 16 | Dr. Sunil Kumar B S | Registrar | Member Secretary |
| 17 | Dr. Karibasappa K | Dean-GMU | Member |
| 18 | Dr. Sanjay Pande M B | Director, GM School of Advanced Studies | Member |
| 19 | Prof. Shweta Marigoudar | Dean-GMU | Member |
| 20 | Dr. Santhosh B M | Dean, FBAS | Member |
| 21 | H.A. Balasubramanya | Director (Formerly), RMP | Member |
| 22 | Dr. Sreedhara K. S. | UBDT, Davanagere | Member |
| 23 | Dr. M Somashekarappa | NLSIU-Bangalore | Member |
| 24 | Mr. Virupakshi B N | Alumnus of GMIT | Member |
| 25 | Mr. Sunil T Shambhatnavar | ALS-Bangalore | Member |
| 26 | Mr. Girish Pattanshetty | An Independent Journalist | Member |

**Agenda:**

12. Welcome to members of AC
13. Introduction of members
14. Purpose of the meeting
15. Discussions regarding the minutes of the 1st Academic Council meeting
16. Presentation on Academic Programs
17. Deliberations and approvals

**Welcome:**

Dr. Sunil Kumar B S, the University Registrar, extended a warm welcome to the Academic Council members.

**Introduction of members:**

Dr. Sunil Kumar B S, the University Registrar, requested all the members of the Academic Council to introduce themselves and requested Honourable Vice Chancellor to chair the meeting.

**cil**

**Purpose of the meeting:**

Dr. S R Shankapal, the Honourable Vice Chancellor of the University, provided summary of the University's progress and recent developments.

- The Honourable Vice-Chancellor remarked about UG & PG programs. Additional programs are considered for faculty of commerce and management. Announced establishment of a new faculty of Legal studies and public policy. We establish the GM School of Advance Studies focussing on MTech programs in emerging fields; also introduced Dr. Sanjay Pande M B as the Director of the School.
- The Vice Chancellor emphasized the importance of focusing on learning outcomes, stressing that both faculty and students must clearly understand and actively work toward achieving the course outcomes. Highlighted the importance of innovation and student projects to ensure practical learning and knowledge application. He urged the need for innovation workshops and industrial training alongside life skills training to enhance employability and active participation from students (Skill development).

**Discussions regarding the minutes of the 1st Academic Council meeting:**

- Dr. H D Maheshappa, Pro Vice Chancellor, provided a comprehensive explanation on previous meeting remarks and action taken, In response to Mr. Girish Pattanshetty's suggestion on enhancing creative writing, he said, we have established a "Student Corner" on our website, where students actively contribute posters. Additionally, we conduct communicative English classes to further support this initiative.
- Addressing Dr. K S Sreedhara's recommendation on adding a Kannada slogan to the University branding and explore courses covering Indian Knowledge system, such as Vedic Mathematics and also encouraging the sports by considering the attendance in favour of the students, he said, the University has taken care the concerns in creating the sports infrastructure like synthetic tracks, basketball courts, volleyball courts and kho-kho fields. The introduction of Vedic Mathematics is currently under consideration, with plans to include it under the Faculty of Humanities and Social Sciences, which is set to be established soon.
- In response, Dr. K S Sreedhara's recommendation on adding a Kannada slogan, the Vice Chancellor stated that there is a plan to inaugurate the new University gate with a Kannada slogan, "ಹೊಸ ಚಿಗುರು, ಹಳೆ ಬೇರು" (New Shoots, Old Roots), to symbolize inclusivity and regional identity.
- In response to Mr. H A Balasubramanya's positive feedback on existing initiatives, he said, we have implemented a system of collecting 360-degree student feedback twice per semester, as well as, gathering feedback for all new initiatives.
- In response to Dr. Deepak, courses focused on tribal knowledge he said, we would include them under the faculty of Humanities and Social Sciences which we would eventually start in the upcoming years.
- In response to Mr. Virupakshi's suggestion to providing guidance to students regarding internships and job interview preparations he said, the Department of Career Advice and Student Placement has been set up and taking care of this.

- In response to Mr. Sunil T Shambhatnawar, about inclusion of credits for various skills and activities he said, the University has taken care to include SDTCD, CASP and under the Directorate of Student Affairs Sports, Yoga in the curriculum spread over all semesters.
- Vice Chancellor said that the University has signed 15 Memorandums of Understanding (MoU's) to enhance student engagement programs. These MoU's focus on providing students with

exposure to cutting-edge technologies through internships and training during 15 days of vacations and no job guaranteed.

- We have center for industry/government sponsored Research & development (CIGSRD) to the student engagement programs in our university said by Pro- Vice Chancellor.
- The Pro- Vice Chancellor continued presentation with philosophy of our curriculum programs, we have implemented a flexible curriculum design, featuring a standard 16-week course structure that can be adapted to 16-week or 20-week formats based on program requirements. The Vice chancellor stated that Curriculum philosophy rooted in problem-based learning to encourage critical thinking and problem-solving among students.
- We have Technological Advancements in Classrooms, like Classrooms are introduced with AI-Enabled Interactive panels and advanced teaching networks to enhance classroom engagement and interactivity. This technology aligns with the goal of modernizing teaching methods and enriching the learning experience.
- We have centre for Innovation and new Product Ideas and Activities are successfully conducted a week-long Innovation and Incubation Program in the academic year 2023-24, which was well-received by students and faculty.
- The Pro-Vice Chancellor presented the general curriculum structure, outlining the credit distribution for academic and related activities. The curriculum includes schools dedicated to technical competency, life skills, and more. A sample course structure was also demonstrated to illustrate the framework.
- The Pro-Vice Chancellor highlighted that assessment methods will be tailored to suit the course level and content. Assessment Strategies: Emphasized the significance of aligning assessments with course outcomes.
- The Vice Chancellor explained that this structure was implemented to empower faculty, providing them with the necessary tools and resources to deliver the updated curriculum effectively.
- Mr. Sunil T. Shambhatnavar raised a query on Course structure, as there was any information missing out being a teacher and may confuse. Pro-Vice Chancellor explained Course outcome achievement will be monitored through structured evaluations. The concern will be reviewed to ensure that the course structure is comprehensive and clear, minimizing any ambiguity for course instructor.
- Dr. Sanjay Pande M B addressing to Mr. Sunil's query replied that based on AWD the changes can be incorporated. There is standard AWD but based on subject can be changed.
- The credit distributions are mentioned in our website, our students, can access and can get to know about credits. Dr. Sunil Kumar B S said that there is an Accelerated Degree Programs as Dr. Jagadeesh Kumar, Chairman of University Grants Commission announced that students enrolled in 4-year programs can complete their degrees in 3 years by earning additional credits through an accelerated program. This was approved by the Registrar, and guidelines for earning credits will be communicated soon.
- Mr. Sunil T. Shambhatnavar raised concerns regarding faculty enrichment programs. The Pro-VC assured that structured initiatives, including the Faculty Academic Support and Enrichment Committee (FASEC), have conducted 29 workshops on weekends, and an Academic Leadership

- Program is in place to enhance faculty's technical, managerial, and interpersonal skills for shaping future education effectively.
- Dr. Sanjay Pande is the Dean for the GM School of Advanced Studies and he explained about the MTech programs offered and how the program runs along with duration, Credits, Industry driven & online method.

  Dr. Shreedhara raised a question that if a student failed in any modules what is the procedure.
- Vice Chancellor Addressed to Dr. Sreedhara's concern that, in this PG program module system 99% will not fail. By chance, if failed again, next year after the module he has to re-sit and write according to PG Academic regulations of Re-Sit and Registration.
- We have signed MoU with the Institute of Defence Science & Technology with Mr. Nageshwar Yogi and Bureau of Indian standards for the academic activities.

**Subsequently, the floor was opened for discussions, yielding the following points;**

- Importance of collecting feedback from internship employers, recommendation for certified courses from Central Government or centralized training centres are highlighted by Mr. Balasubramanya.
- Mr. Girish Pattanashetti emphasized the need for practical lab sessions for the LLB program. Mr. Girish Pattanashetti suggested appointing a faculty coordinator for the media hub.
- Dr. Somashekarappa questioned the feasibility of implementing paperless exams using digital technology. Dr. Sunil Kumar B.S. noted that Continuous Internal Evaluation (CIE) has already been digitized, but remains semester-bound.
- Adding to the discussion Dr. Shweta Marigoudar shared feedback from students, who expressed worries that transitioning to paperless exams might result in a decline in their writing skills, emphasizing the need to balance innovation with traditional skill development.
- Dr. Shreedhara advised to have a technical teacher training program so that we can have next generation faculty and can be a good teacher and please provide verified certificates so that it will work. Lateral entry students are struggling to understand mathematics, highlighting the need to strengthen faculty support in this area.
- Modify the program duration for specific courses, reducing it from 4 years to 3 or 3.5 years, to cater to high-performing, "creamy layer" students. Dr. Sunil Kumar emphasized; we offer Credit Flexibility offer credit flexibility by setting both minimum and maximum credit requirements & allowing capable students the flexibility to pursue an accelerated path by earning additional credits. This ensures that talented students can progress at a pace aligned with their abilities.
- Dr. Shreedhara advised to Involve External Members in Question Paper Setting, Vice Chancellor addressed stating that the focus is on outcome-based education, and that the goal is to achieve specific learning outcomes. As such, faculty should be responsible for

testing these outcomes. The Vice Chancellor further clarified that while faculty are responsible for designing assessments, external examiners could be brought in to evaluate the answers and ensure their accuracy.

- Dr. Shreedhara raised a query that nowhere MCom, BCom are lab oriented. Dr. Shweta Marigoudar replied stating, we have labs for both the programs and we have taken initiatives and we have provided laptops to the students.
- Mr. Sunil T. Shambhatnavar emphasized that placements should prioritize students' skills and competencies rather than focusing solely on the salary packages offered by companies.

**Presentation on Academic Programs and Approvals:**

After discussion, Pro Vice Chancellor presented the documents – Program document, course documents, and Board of Studies recommendations for the new programs to be offered from **academic year 2025-26**, for approval of the council, which were approved unanimously after deliberations.

The list of new programs, program document of each program and course documents of all the courses under each program are appended in **Annexure II.** (Available in soft copy form) and presentation is attached in **Annexure I**.

The meeting concluded with gratitude extended to the chair and adjourned.
The attendance of the members attended is attached **Annexure III.**

Date: November 19, 2024

Signature of the Chair

Dr. S R Shankapal
Vice Chancellor

**Annexture:**

- **Annexure I - University Presentation** Annexure -1 AC -2 PPT.pptx
- **Annexure II** - Approved Program document of each Program and course documents **2025-26.** G:\25 - Year Wise -Academic Program And Course Document Files
- **Annexure III** - Attendance of the members attended Annexture - 3 AC-2 -Attendence.pdf

# 2nd Finance Committee Meeting of GM University, Davangere

Date: 07th December 2024

Time: 11.30 AM - 1.30PM

Venue: GM University, Conference Hall – 1

**Members Present:**

| Sl. No. | Name | Affiliation | Council Designation |
|---|---|---|---|
| 1 | Sri. G M Lingaraju | Chancellor, GM University | Chairman |
| 2 | Dr. Sudhir Kamath | Director, DRDO Industry Academia RCOE, Bangalore | |
| 3 | Mr. Raj Kumar Iyengar | VP, Bosch India, Bangalore | |
| 4 | Dr. Rajalakshmi Menon | Director, CABS, DRDO, Bangalore | |
| 5 | Sri G S Anith Kumar | Treasurer - SET | Member |
| 6 | Mr. H.R. Suresh | HR Suresh & Co., Bangalore | |
| 7 | Dr. S R Shankapal | Vice Chancellor | Chairperson |
| 8 | Dr. H D Maheshappa | Pro Vice Chancellor | Member |
| 9 | Dr. Sunil Kumar B S | Registrar | Member Secretary |
| 10 | Mr. Rafiq Raj | ED, GM Group, Bangalore | Member |
| 11 | Dr. K. Divyananda | Director, GMIT, Bangalore | Member |
| 12 | Mr. CA. Ashok Kumar | CFO, GMU | Member on Invitation |

**Apologies:**

| Sl. No. | Name | Affiliation | Council Designation |
|---|---|---|---|
| 1 | Principal Secretary | HE, GOK | |
| 2 | Principal Secretary | ME, GOK | |
| 3 | Dr. Sivathanu Pillai | Former CEO BraMos-DRDO | |
| 4 | Prof. Rakesh Mohan Joshi | Former Director IIFT/IIPM | |

**Agenda:**

1. Welcome to members of Board of Governors
2. Introduction of members
3. University Progress Presentation
4. Discussions and Approvals
5. Vote of thanks

**Welcome:**

Dr. Sunil Kumar B S, the University Registrar, warmly welcomed the Members of the Board of Governors and invited Sri G M Lingaraju, Chancellor of GM University, to chair the meeting.

Sri G M Lingaraju graciously accepted the request and assumed the role of Chair. In his opening address, he extended a heartfelt welcome to all Board members and thanked all the members for the continued support. He then invited the members to introduce themselves.

**Introduction of members:**

Each member of the Board of Governors introduced themselves to the Board.

The Chair invited Dr. S. R. Shankapal, Vice Chancellor of the University, to outline the purpose of the Board and deliver a presentation on the current status of GM University.

**University Progress Presentation**

Dr. S. R. Shankapal, the Honourable Vice Chancellor of the University, delivered a comprehensive presentation highlighting the developments of the University during the last academic year. The details are given in the presentation attached as **Annexure I**.

Vice Chancellor presented the list of new Academic programs, Research programs, and skill programs that will be offered during the **academic year 2025-26** which are already have been approved by the Academic Council during its 2nd meeting. Approved Research programs were also presented to the BoG during the meeting.

During the meeting the University tution fee to be charged to the students for each program was also discussed. Members were also informed about the decision of the management to introduce GM Scholarship for meritorious and economically weaker students. The university tution fee for each program was based on fee fixation committee report.

The members were informed about

1. Seed funding by the management for young researchers and this has been recorded in RIC meeting.
2. Organization of open day program on the 13th and 14th December, 2024 to educate prospective students regarding GMU offerings.
3. Signing of MoUs with feeder colleges to boost enrollment.
4. Collaboration with educational consultants to enhance outreach and promotional efforts.

**Discussions:**

1. **Faculty Distribution and Recruitment Challenges:** The Vice Chancellor provided an overview of the current faculty distribution across departments, including 152 faculty members in Engineering and Technology, 90 in Computing, 61 in Basic and Applied Sciences, 25 in Law, and 20 in Commerce and Management. Challenges in faculty recruitment were discussed, particularly for computing programs, with the Vice Chancellor outlining strategies such as utilizing senior faculty, recruiting industry professionals, and forming collaborations with foreign universities to address the shortages.

2. **Strategies to Address Faculty Shortages:** To manage faculty shortages, the Vice Chancellor proposed leveraging senior faculty, incorporating young technology professionals as tutors, and creating "professors of practice" from industry professionals to teach both online and face-to-face. The university also plans to collaborate with international institutions to bring in visiting professors and organize industry-led workshops and guest lectures.

3. **Student Enrichment and Industry Engagement:** Dr. Rajkumar Iyengar stressed the importance of developing student competencies through industry exposure and hands-on projects. He suggested that a structured approach be implemented for student enrichment programs and industry engagement, ensuring students gain practical skills that align with market needs. The Vice Chancellor emphasized the role of industry partnerships in providing real-world experience for students.

4. **Vision Plan and Future Preparedness:** The Vice Chancellor outlined the university's vision plan, focusing on faculty recruitment, infrastructure development, and the expansion of academic programs. The challenges of managing a growing student and maintaining effective leadership were highlighted, along with the need for continuous adaptation to ensure future preparedness.

5. **Admissions and Faculty Recruitment:** Dr. Iyengar pointed out the importance of aligning faculty recruitment and student admissions strategies to maintain quality while managing a growing student population. He recommended focusing on high-demand fields such as financial services to attract more students. The Vice Chancellor acknowledged the challenges and emphasized strategic planning to ensure quality recruitment.

6. **Industry Collaborations and Exchange Programs:** Dr. Iyengar recommended strengthening industry collaborations and establishing exchange programs with universities in the US, Europe, and Singapore to enhance student opportunities and attract international students. The Vice Chancellor discussed the logistical challenges in managing these collaborations and the need for effective execution.

7. **Student Expectations and University Reputation:** The Vice Chancellor discussed the key factors that influence student decisions, including accreditation, placement rates, and the overall quality of academic programs. He emphasized the need for the university to develop a strong brand and reputation to meet student and parent expectations, ensuring a continuous focus on quality and improvement.

8. **Infrastructure and Resource Planning:** The Vice Chancellor presented ongoing and upcoming infrastructure projects, including academic blocks, laboratories, and power requirements, to support the university's growth. Strategic planning for infrastructure development was emphasized to effectively accommodate the increasing student body.

9. **Leadership and Management Challenges:** Leadership and management were identified as key challenges in a growing institution. The Vice Chancellor stressed the importance of recruiting and

developing effective leaders to manage various verticals, ensuring the long-term success of the university.

10. **Future Vision and Strategic Planning:** The Vice Chancellor concluded with an outline of the university's strategic plans for the future, emphasizing the importance of continuous planning, adaptability, and a clear vision to guide the institution through its next phase of growth and development.

11. **Action Items**
    - Explore collaborations with finance and fintech companies to offer more opportunities for students.
    - Assist in establishing industry partnerships and collaborations.
    - Share the university's vision document with all BoG members for deeper insights into the institution's strategies and plans.

12. **M. Tech Program in Product Development and Marketing:** The Vice Chancellor introduced the interdisciplinary M. Tech program, which combines engineering and MBA, focusing on product development and marketing. The program covers a variety of subjects, including product design, system engineering, market study, and practical skills such as CAD, prototyping, and project management. With a total requirement of 80 credits, and emphasizes hands-on experience and application of knowledge. The program's unique structure sets it apart from similar offerings at institutions like IITs.
13. **Course Structure and Interdisciplinary Approach**: Dr. Sudhir Kamath highlighted the interdisciplinary nature of the program, ensuring students' holistic development. The program incorporates a mix of engineering and business management principles to equip students with the necessary skills for success in the product development field. Practical training includes system design thinking, project management, marketing, and vocational skills such as software development and machinery operation.
14. **Feedback and Evaluation Process**: Dr. Sudhir Kamath discussed the importance of gathering feedback from students, parents, and faculty to continually improve the program. The evaluation system includes a 360-degree feedback process, ensuring all stakeholders contribute to the program's enhancement. The Vice Chancellor explained faculty recruitment policies, workload distribution, and the importance of annual faculty appraisals, ensuring effective teaching and development. The student-teacher ratio is maintained at 1:20 for engineering courses and 1:30 for other programs.
15. **AI Tools and Interactive Learning**: Dr. Sudhir Kamath inquired about the use of AI tools in the program, to which the Vice Chancellor explained the integration of AI tools like ChatGPT for generating educational content and supporting interactive teaching. The campus is fully Wi-Fi enabled, allowing students to access educational materials remotely, enhancing the learning experience with AI-driven content.
16. **Placement and Job Quality**: The Vice Chancellor addressed placement strategies, emphasizing the focus on quality over quantity. The university prioritizes securing placements in top-tier companies, particularly high-paying roles. The university aims to improve students' English proficiency and business skills to increase their marketability to premium employers.
17. **Documentation and ERP System**: Dr. K. Divyananda requested confirmation regarding documentation related to UGC and state government requirements. The Vice Chancellor assured the availability of updated documents and the implementation of an ERP system to facilitate continuous documentation. This system ensures that students have easy access to their grades and academic records.
18. **Examination and Grade Access**: Dr. K. Divyananda raised the issue of how students access their examination results. The Pro-Vice Chancellor explained that students can download their grades from

the ERP System, which ensures transparency. Additionally, students have access to publications and Scopus index as academic resources.

19. **Firewall System and Server Protection**: Dr. Divyananda inquired about the security measures in place for student data. The Vice Chancellor confirmed that a firewall system and server protection are in place to secure academic records and personal information, ensuring data protection for all students.

20. **Action Items**

- Ensure that all required documentation is maintained and regularly updated.
- Create a Unique Academic ID (UAID) for all students and upload their academic data to the National Academic Depository.
- Strengthen the university's industry connections and placement efforts to attract premium employers.

21. **Discussion on Academic and Administrative Improvements**: The meeting focused on the challenges and strategies for enhancing both academic and administrative aspects of the institution. Several key points were discussed, including the importance of improving communication, building effective teams, and strengthening professional competencies within the university. The conversation also highlighted the need for a stronger social media presence to better communicate the institution's activities and achievements. Furthermore, the role of university programs in enhancing communication protocols was emphasized, along with the necessity of a standardized system to improve efficiency and consistency across departments.
22. **Strategic Planning and Placement Systems**: The Chancellor outlined the importance of maintaining academic standards, particularly through a standardized admissions process, to ensure quality education. There was also discussion on the effectiveness of the current student placement system, with suggestions to improve its structure and ensure better outcomes for graduates. Additionally, the need for a robust finance committee was noted to address ongoing budget concerns and ensure financial planning aligns with the institution's goals.
23. **Budget and Resource Allocation**: CA. Ashok Kumar raised concerns regarding the current budget and suggested the implementation of a budget forecast circular to help streamline financial planning. Dr. Divyananda discussed the challenges associated with non-defendable positions and stressed the importance of sports maintenance within the university's overall infrastructure plans.
24. **Health Science Courses and Marketing**: The marketing of health science programs was discussed, focusing on how these programs could be better marketed to attract students and align with industry needs. The conversation also touched upon the potential introduction of new academic programs, such as nursing and other health science courses, which would require careful consideration of available resources and budgetary constraints.

25. **Action Items**

- Finalize program offerings and establish revenue projections for each program.
- Obtain consent from relevant stakeholders for proposed student fees and innovation activity initiatives.
- Explore the feasibility of introducing new academic programs, particularly in health sciences, while addressing budget and resource concerns.
- Improve the university's social media presence and refine communication protocols to enhance public engagement.

26. **Discussion on Financial Management and Expenditure Allocation**: The meeting focused on the financial management strategies and expenditure allocation for the university. Key points discussed included the distribution of revenue across operational and capital expenditures. The operational budget is allocated 50% of the revenue, which covers essential costs such as laptop influencers, advertisements, infrastructure expansion, building maintenance, and vehicle upkeep. Additionally, 25% of the revenue is designated for capital expenditures, primarily aimed at funding significant projects, including the construction of an admin block, student block, and hostels.

27. **Financial Overview and Key Expenditures** CA. Ashok Kumar presented the financial overview for the academic year 2024-2025, outlining the planned revenue and expenditure allocations. He emphasized the critical need for balancing operational and capital costs to ensure the university's continued growth and long-term sustainability.

    - **Operational Expenditure:** This includes essential costs such as laptops, advertisements, uniforms, library resources, and infrastructure maintenance.
    - **Capital Expenditure:** Focused on major infrastructure projects, with a projected expenditure ranging from 7 to 18 crores for development initiatives.
    - **Revenue Budget:** A revenue budget of 20 crores has been approved.
    - **Capital Expenditure Budget:** A capital expenditure budget of 10 crores has been approved for the year.
    - **Infrastructure Investment:** A capital investment of **150 crores** has been approved for infrastructure development, including the construction of an admin block, student block, and girls' hostel.

28. **Student Welfare and Expenditure Management**: The Vice Chancellor emphasized the importance of allocating resources for student welfare, highlighting initiatives like open Day, student services, and campus events. There was a discussion on how student welfare expenditures align with the overall operational budget and the importance of maintaining a focus on student needs while ensuring the university's financial health.

29. **Financial Projections and Surplus Management**: CA. Ashok Kumar provided detailed revenue and expenditure projections for the academic year, forecasting a significant increase in both revenue an d expenditure compared to the previous year. The projected expenditure for operational costs is approximately. 20 crores, along with 10 crores amount earmarked for capital development

    - The surplus for the current year is noted, with the university managing shortfalls through inter-unit loans.
    - The current year's revenue and expenditure are expected to triple compared to the previous year.

    - **Key Projects and Fee Structure:** The major projects for the year include the construction of the admin block, student block, and hostels, which will require substantial capital investment. The discussion also touched on the fixation of student fees and the need for financial committees to ensure the proper allocation and management of funds.

30. **Action Items**
    - Finalize the allocation for revenue projections and associated budget plans for the current academic year.
    - Confirm and establish financial planning for major projects, including the admin block, student block, and hostels.
    - Ensure the proper management of student welfare and operational expenditures.
    - Evaluate and approve the fee structure for the upcoming academic year.
    - Strengthen the role of financial committees to monitor and manage revenue and expenditures effectively.

31. **Approval of GMU's Academic Program Expansion:** The Board of Governors approved key proposals to expand GM University's academic offerings, including a new B.Tech program in Mechanical Engineering and three law programs, with LLB already approved by BCI. Additionally, five new postgraduate programs and intake enhancements for existing programs were approved, aiming to meet evolving academic demands and regulatory standards. All BoG members reviewed and signed the document at the meeting's conclusi on.

The meeting concluded with gratitude extended to the chair and adjourned.

The attendance of the members attended is attached in **Annexure II.**

**Vote of Thanks:**

Dr. H. D. Maheshappa, the Pro Vice Chancellor, extended his thanks to the chair and the Board of Governors members for their engaged participation.

The meeting concluded with the Chancellor inviting everyone present to join for lunch.

Date: January 13, 2024

Signature of the Chair

Sri G M Lingaraju
Chancellor

**Annexture:**

- **Annexure I** - University Progress Presentation Annexture - 1 - FC & BoG 2 - PPT 7-12-2024.pptx
- **Annexure II** - Attendance of the members Annexture - 2 - FC & BoG - 2 - Attendence.pdf

# 2nd Research and Innovation Council Meeting Minutes

**Date: 20.11.2024**

**Venue: Conference Hall, GM University**

**Time: 11.00 AM**

**Members Present:**

| S. No. | Name | Affiliation | Designation |
|---|---|---|---|
| 1 | Dr. S. R. Shankapal | Vice Chancellor | Chairperson |
| 2 | Dr. H.D. Maheshappa | Pro Vice Chancellor | Member |
| 3 | Dr. Sunil Kumar B S | Registrar | Member |
| 4 | Dr. K. N. Bharath | Dean-Research | Member-Secretary |
| 5 | Dr. Karibasappa K | Sr. Dean | Member |
| 6 | Dr. Sanjay Pande M B | Dean-FCM | Member |
| 7 | Dr. Girish Bolakatti | Director – Centre for Innovation and New Product Ideas | Member |
| 8 | Dr. Shweta Marigoudar | Dean- FCIT | Member |
| 9 | Dr. Santhosh B M | Dean-FBAS | Member |
| 10 | Dr. Swaroop K | Associate Dean of Research | Member |
| 11 | Dr. Prasanna Kumar B C | Professor, Dept. of Mathematics Davanagere University | Member |
| 14 | Dr. Shashidhar T R | Professor, UAS, Dharwad | Member |
| 15 | Dr. Vijay Raj Purohit (Online) | Professor, Dept. of CSE, GIT, Belagavi | Member |

**Apologies:**

| S. No. | Name | Affiliation | Designation |
|---|---|---|---|
| 1 | Dr. Neeraj Saxena | Pro-Vice Chancellor, JIS University, Kolkata | Member |
| 2 | Dr. S Basavarajappa | Registrar, IIT Dharwad | Member |
| 3 | Dr. D. Narasimha | TIFR/IIT Dharwad | Member |
| 4 | Dr. Shankar M. R. | CABS -DRDO | Member |
| 5 | Dr. Divyananda | Director-GMIT | Member |
| 6 | Mr. Rafiq Raj | Director- GM Global Products and Sales Pvt. Ltd. | Member |

The RIC meeting held on November 20, 2024, focused on reviewing the research progress to date and addressing key aspects of research and innovation at GM University. Additionally, the meeting aimed to develop a strategic action plan for the 2024-25 academic year.

Dr. S. R. Shankapal, Vice-Chancellor, GM University then delivered welcome remarks.

Dr. Bharath K N provided a detailed presentation to the RIC, highlighting the research progress, new initiatives, and the proposed plan of action for the future.

The PowerPoint presentation used during the discussion is attached for future reference.

The key points discussed were:

- Collaboration with other premier universities to enhance academic and research opportunities. Additionally, focusing on the submission of collaborative project proposals to promote research initiatives.
- Exploring research opportunities related to the mechanization and automation of agricultural processes in collaboration with the University of Agricultural Sciences, Dharwad.
- Identifying and focusing on a particular research theme with the aim of making significant contributions to the field, ultimately gaining global recognition and establishing a strong international presence. A comprehensive literature review in core research themes not only deepens the understanding of the field but also serves as a foundation for initiating collaborations with international researchers and institutions.
- Promoting the adoption and integration of AI tools among faculty members and research scholars to nurture a culture of innovation and enhanced research capabilities.

The meeting ended with thanks to the chair.

This minutes was prepared by Dr. K N Bharath and Dr. Swaroop K.

**Annexure-19**

**Percentage of Members- Percentage of External Members**

| | Statutory Body | Total Members | Internal Members | External Members | Percentage External members |
|---|---|---|---|---|---|
| **UG** | BoS – CSE (UG) | 16 | 12 | 4 | 25% |
| | BoS - ECE | 10 | 6 | 4 | 40% |
| | BoS - EEE | 9 | 7 | 2 | 22% |
| | BoS – R&A | 9 | 7 | 2 | 22% |
| | BoS - ED | 9 | 7 | 2 | 22% |
| | BoS - Civil | 9 | 7 | 2 | 22% |
| | BoS - Biotechnology | 10 | 8 | 2 | 20% |
| **PG** | BoS – CSE (PG) | 16 | 12 | 4 | 25% |
| **UG** | BoS - BBA | 8 | 6 | 2 | 25% |
| **PG** | BoS - MBA | 8 | 6 | 2 | 25% |
| **UG** | BoS - Commerce | 12 | 10 | 2 | 16% |
| **PG** | BoS – MCom | 12 | 10 | 2 | 16% |
| **UG** | BoS - BSc | 8 | 6 | 2 | 25% |
| | BoS - BCA | 22 | 19 | 3 | 14% |
| **PG** | BoS - MSc | 22 | 19 | 3 | 14% |
| | BoS - MCA | 8 | 5 | 3 | 38% |
| **UG** | BoS - SMPS | 8 | 7 | 1 | 13% |
| | BoS - SCBS | 5 | 4 | 1 | 20% |
| | BoS - SAS | 5 | 4 | 1 | 20% |
| **PG** | BoS – MSc - Mathematics | 8 | 7 | 1 | 13% |
| | BoS - SCBS | 8 | 7 | 1 | 13% |
| | BoS – MSc - Chemistry | 6 | 5 | 1 | 16% |

**Annexure-20**

**Research Profile**

| | STR | CR | TL | RL | RS | P | BP | PT | TT | IDR | CY | EFR | EFA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FET | 1:20 | 46 | 43 | 4 | 22 | 18 | 2 | 37 | 1 | 4 | 9 | 0 | 4 |
| FCIT | 1:20 | 16 | 03 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| FBAS | 1:20 | 06 | 04 | 5 | 16 | 42 | 0 | 4 | 0 | 3 | 0 | 0 | 0 |
| FCM | 1:20 | 15 | 01 | 0 | 6 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| FLSPP | 1:20 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

FET-Faculty of Engineering Technology

FCIT-Faculty of Computing &IT

FBAS-Faculty of Basic Applied Science

FCM-Faculty of Commerce &Management

FLSPP-Faculty of Legal Studies & Public POLICY

a. Student Teacher Ratio (STR)
b. Class Rooms (CR)
c. Teaching labs (TL)
d. Research labs (Major Equipment) (RL)
e. Research Scholars (MTech, Ph.D., Post Doctoral Scholars) (RS)
f. Publications in last 3 years (Year-wise list) (P)
g. No. of Books Published (BP)
h. Patents (PT)
i. Transfer of Technology (TT)
j. Inter-departmental Research (Inter-disciplinary) (IDR)
k. Consultancy (CY)
l. Externally funded Research Projects (EFR)
m. Educational Programmes Arranged (EFA)

**Annexure-21**

| Annual Year | Semester | Program | No. of students on Roll | No. of Students Appeared for Examination | No. of Students Passed | % Result |
|---|---|---|---|---|---|---|
| 2023-24 (2023 Scheme) | 1 | CSE | 83 | 83 | 62 | 74.7 |
| | | CS-AIML | 71 | 71 | 56 | 78.8 |
| | | CS-BS | 11 | 11 | 3 | 22.27 |
| | | CS-CC | 11 | 11 | 8 | 72.73 |
| | | CS-CY | 32 | 32 | 26 | 81.25 |
| | | CS-DS | 23 | 23 | 14 | 60.87 |
| | | CS-IoT | 4 | 4 | 4 | 100 |
| | | CS-IY | 3 | 3 | 2 | 66.67 |
| | | ISE | 34 | 34 | 25 | 7.53 |
| | | ECE | 47 | 47 | 32 | 68.09 |
| | | EEE | 15 | 15 | 7 | 46.67 |
| | | BCA | 69 | 69 | 39 | 56.52 |
| | | MCom | 11 | 11 | 11 | 100 |
| | | MBA | 282 | 282 | 278 | 98.58 |
| | | MCA | 46 | 46 | 44 | 95.65 |
| 2023-24 (2023 Scheme) | 2 | CSE | 81 | 81 | 75 | 92.59 |
| | | CS-AIML | 70 | 70 | 60 | 93.4 |
| | | CS-BS | 10 | 10 | 7 | 70 |
| | | CS-CC | 11 | 11 | 8 | 72.73 |
| | | CS-CY | 32 | 32 | 26 | 81.25 |
| | | CS-DS | 23 | 23 | 21 | 91.3 |
| | | CS-IoT | 4 | 4 | 4 | 100 |
| | | CS-IY | 3 | 3 | 3 | 100 |
| | | ISE | 33 | 33 | 31 | 93.4 |
| | | ECE | 44 | 44 | 36 | 81.82 |
| | | EEE | 14 | 14 | 9 | 64.29 |
| | | BCA | 69 | 69 | 46 | 66.67 |
| | | MCom | 11 | 11 | 11 | 100 |
| | | MBA | 282 | 282 | 275 | 97.52 |
| | | MCA | 46 | 46 | 43 | 93.48 |

| Annual Year | Semester | Program | No. of students on Roll | No. of Students Appeared for Examination | No. of Students Passed | % Result |
|---|---|---|---|---|---|---|
| 2024-25 (2023 Scheme) | 3 | CSE | 92 | 92 | 64 | 69.57 |
| | | CS-AIML | 71 | 71 | 58 | 81.69 |
| | | CS-BS | 10 | 10 | 4 | 40 |
| | | CS-CC | 11 | 11 | 7 | 63.64 |
| | | CS-CY | 42 | 42 | 25 | 59.52 |
| | | CS-DS | 24 | 24 | 21 | 87.50 |
| | | CS-IoT | 4 | 4 | 4 | 100 |
| | | CS-IY | 3 | 3 | 2 | 66.67 |
| | | ISE | 37 | 37 | 25 | 67.57 |
| | | ECE | 59 | 59 | 29 | 49.15 |
| | | EEE | 52 | 52 | 28 | 53.85 |
| | | BCA | 68 | 68 | 41 | 60.29 |
| | | MCom | 11 | 11 | 11 | 100 |
| | | MBA | 282 | 28 | 267 | 94.68 |
| | | MCA | 44 | 44 | 44 | 100 |
| | 4 | CSE | 91 | 91 | 67 | 73.63 |
| | | CS-AIML | 70 | 70 | 53 | 75.71 |
| | | CS-BS | 10 | 10 | 3 | 30 |
| | | CS-CC | 11 | 11 | 8 | 72.73 |
| | | CS-CY | 40 | 40 | 21 | 52.5 |
| | | CS-DS | 24 | 24 | 19 | 79.17 |
| | | CS-IoT | 4 | 4 | 4 | 100 |
| | | CS-IY | 3 | 3 | 1 | 33.33 |
| | | ISE | 37 | 37 | 32 | 86.4 |
| | | ECE | 59 | 59 | 30 | 50.85 |
| | | EEE | 52 | 52 | 20 | 38.46 |
| | | BCA | 68 | 68 | 47 | 69.12 |
| | | MCom | - | - | - | - |
| | | MBA | - | - | - | - |
| | | MCA | - | - | - | - |

| Annual Year | Semester | Program | No. of students on Roll | No. of Students Appeared for Examination | No. of Students Passed | % Result |
|---|---|---|---|---|---|---|
| 2024-25 (2024 Scheme) | 1 | CSE | 163 | 163 | 116 | 71.17 |
| | | CS-AIML | 111 | 111 | 55 | 49.55 |
| | | CS-BS | 27 | 27 | 11 | 40.74 |
| | | CS-CC | 95 | 95 | 44 | 46.32 |
| | | CS-CY | 96 | 96 | 39 | 40.63 |
| | | CS-DS | 98 | 98 | 60 | 61.22 |
| | | CS-IoT | 39 | 39 | 19 | 48.72 |
| | | CS-IY | 82 | 82 | 31 | 37.8 |
| | | ISE | 102 | 102 | 63 | 61.76 |
| | | ECE | 117 | 117 | 52 | 44.44 |
| | | EEE | 84 | 84 | 39 | 46.43 |
| | | BT | 47 | 47 | 33 | 70.21 |
| | | CE | 43 | 43 | 24 | 55.81 |
| | | ED | 36 | 36 | 16 | 44.44 |
| | | RA | 45 | 45 | 29 | 64.44 |
| | | BCA | 206 | 206 | 110 | 53.40 |
| | | BCA-AIDA | 21 | 21 | 11 | 52.38 |
| | | BCA-DS | 11 | 11 | 3 | 27.27 |
| | | BBA-GM | 41 | 41 | 26 | 63.41 |
| | | BCOM-G | 101 | 101 | 49 | 48.51 |
| | | BSC-BZ | 6 | 6 | 3 | 50 |
| | | BSC-CB | 17 | 17 | 11 | 64.70 |
| | | BSC-CCS | 35 | 35 | 23 | 65.71 |
| | | BSC-CZ | 21 | 21 | 13 | 61.90 |
| | | BSC-PC | 11 | 11 | 6 | 54.54 |
| | | BSC-MCS | 15 | 15 | 7 | 46.66 |
| | | BSC-PM | 21 | 21 | 14 | 66.66 |
| | | BSC-BT | 14 | 14 | 12 | 85.71 |
| | | BSC-FST | 22 | 22 | 17 | 77.27 |
| | | LLB | 15 | 15 | 13 | 81.25 |
| | | MCA | 71 | 71 | 70 | 98.59 |
| | | MCom | 9 | 9 | 9 | 100 |
| | | MBA | 85 | 85 | 77 | 90.59 |
| | | MSC | 14 | 14 | 14 | 100 |

| Annual Year | Semester | Program | No. of students on Roll | No. of Students Appeared for Examination | No. of Students Passed | % Result |
|---|---|---|---|---|---|---|
| 2024-25 (2024 Scheme) | 2 | CSE | 157 | 157 | 108 | 68.79 |
| | | CS-AIML | 110 | 110 | 50 | 45.4527 |
| | | CS-BS | 27 | 27 | 8 | 29.63 |
| | | CS-CC | 94 | 94 | 50 | 53.19 |
| | | CS-CY | 89 | 89 | 41 | 46.07 |
| | | CS-DS | 94 | 94 | 62 | 65.96 |
| | | CS-IoT | 38 | 38 | 23 | 60.53 |
| | | CS-IY | 79 | 79 | 38 | 48.1 |
| | | ISE | 100 | 100 | 66 | 66 |
| | | ECE | 116 | 116 | 74 | 63.79 |
| | | EEE | 78 | 78 | 37 | 47.44 |
| | | BT | 46 | 46 | 31 | 67.39 |
| | | CE | 36 | 36 | 22 | 61.11 |
| | | ED | 32 | 32 | 24 | 75 |
| | | RA | 42 | 42 | 29 | 69.05 |
| | | BCA | 194 | 194 | 132 | 68.04 |
| | | BCA-AIDA | 20 | 20 | 17 | 85 |
| | | BCA-DS | 11 | 11 | 6 | 54.55 |
| | | BBA-GM | 41 | 41 | 21 | 51.22 |
| | | BCOM-G | 95 | 95 | 59 | 62.11 |
| | | BSC-BZ | 6 | 6 | 4 | 66.67 |
| | | BSC-CB | 18 | 18 | 14 | 77.78 |
| | | BSC-CCS | 35 | 35 | 23 | 65.71 |
| | | BSC-CZ | 21 | 21 | 16 | 76.19 |
| | | BSC-PC | 11 | 11 | 8 | 72.73 |
| | | BSC-MCS | 15 | 15 | 6 | 40 |
| | | BSC-PM | 21 | 21 | 15 | 71.43 |
| | | BSC-BT | 14 | 14 | 12 | 85.71 |
| | | BSC-FST | 22 | 22 | 19 | 86.36 |
| | | LLB | - | - | - | - |
| | | MCA | - | - | - | - |
| | | MCom | - | - | - | - |
| | | MBA | - | - | - | - |
| | | MSC | 14 | 14 | 14 | 100 |