

GM University
List of Patents for the Academic Year 2024-25

Sl. No	Application Number	Title	Inventor (s)	Status	National/ International
1	202441100216	Peel-Off Gel Mask	ALISHA M JAIN HIDAYATH JAVALI JEEVITHA S MANOJ KUMAR G B NAYANA DN SAVITRI K R	Filed	International
2	202441100217	Biodegradable Nano-composite Films from Areca Husk Fibres for Food Packaging	BHARATH K N ONKARAPPA H S RAHUL R RAKSHITA B T TARUN KUMARN P TEJA K	Filed	International
3	202441100215	Water Purification System Using Nanotechnology	PRAKASH K K RATHN U VINAY PATIL K G PRAMOD B	Filed	International
4	202441099806	Green Synthesis of Copper Oxide Nanoparticles (CuO-NPs) using Grewia tillifolia Leaf Extract	RAKESH S A BHARAT KUMAR A BHOOMIKA V HIREMATA CHAITHANYA M P DAYANAND DAS J K POOJA G V	Filed	International
5	202441099994	Method and system for Efficient Sewage Wastewater Purification	SPOORTHI B AKSHATHA M S ANUSHA P M KAVANA Y S MANASA H	Filed	International
6	202441100117	Fish Scale-Based Biodegradable Plastics as Sustainable Alternatives to Traditional Plastics	HARSHA H M SANTOSH KUMAR C S PRAMOD B V PRASHANTH G B PRAVEEN KUMAR B	Filed	International
7	202441100118	pH-Responsive Smart Polymer Films for Sustainable Food Packaging	KEERTHI S SWAROOP K ASHWINI S G BHAVANAP L REKHA B A	Filed	International

GM University
List of Patents for the Academic Year 2024-25

8	202441100130	System and Method for Automated Rice Grain Classification, Quality Grading, and Nutritional Analysis using Machine Learning	KAVYASHREE P N SHRAVANI M R SHRAVANI SAJJAN T S TEJASWINI S VACHANA C	Filed	International
9	202441100131	INTELLIVEST: Stay Bright, Stay Safe on Every Turn	RAVITEJA BALEKAI MANOJ Y KAMMAR YATHIK K RAMESH H R SIDDALINGASWAMY M V	Filed	International
10	202441100127	Fabric from Waste of Areca Catechu Folium and Aloe Vera and Method thereof	AKASH PATEL M P GANESH G TILVE G BHAVANA MEGHANA B R POOJA G T	Filed	International
11	202441100128	Extraction of Anti-Odour Compounds from Arabidopsis thaliana for Treating Foul Smell in Recycled Sewage Water	GURUMURTHY H MEGHANA L PRAMOD BHAVANOOR	Filed	International
12	202441100004	Devise and Organic Eco-Friendly Compost Fertilizer for Crops	GURUMURTHY H MUJASSIM G SUMA M A TASBIANJUM A PATVEGAR VIJAY K S	Filed	International
13	202441100214	Biological Control Agent Isaria fumosorosea for Whitefly Control in Solanaceae Crops	PAVAN K J POOJITHA B S BHAVANA V S BINDHU G K HARSHITHA V L KEERTHANA L	Filed	International
14	202441100218	Small-Scale Composting Plant and Decomposer - Enriched Bacteria for Organic Waste Management	PAVAN K J PRADEEP M J AKSHAY JAGADISH SHET DILEEP G KIRAN B	Filed	International
15	202441100129	Plant Growth Promoting Bacteria Isolated from the Rhizosphere of Areca Catechu L. Plantation	PAVAN K J MEGHANA M RANJITHA H SHUBHAM REVANKAR SUHAS S V	Filed	International

GM University
List of Patents for the Academic Year 2024-25

16	202441101021	Eco-Friendly Copper Nanoparticles Mosquito Repellents	PRADEEP M J AKASH PATEL M P ANKITHA B M DHANYA R PRAGNYA SHIVANAND SAVADI	Filed	International
17	202541000074	Sustainable Sandwich Panel for Acoustic and Structural Applications	SRINIVASA C V MALLIKARJUN V VERNEKAR MANJU K N MANJUNATH N GUDADANAVAR VISHAL GOWDA B N	Filed	International
18	202541000077	Innovative Water- Resistant Laminated Food Packaging	SRINIVASA C V MANOJ KUMAR K B SUMAN PATIL G R AJITH RAMESH METI	Filed	International
19	202541000075	Efficient Eye-Typing System and Method thereof	NEELAMBIKE S DEVIKA M DYAMALAMBA C HEMASHREE C H SANJANA R	Filed	International
20	202541000076	Smart Glove for Paralyzed Patients	NEELAMBIKE S ABDUL RAQIB GEETA B S GAUTHAMI A P HABEEBA FIRDOUSE N M	Filed	International
21	202541029111	DSP Integration for Smart Compost Monitoring	SUPRITH P G AISHWARYA N AMULYA B GAEKWAD ANUSHA R B KARTHIK K S	Filed	International
22	202541041308	EcoPack: Innovative Packaging Solutions from Arecanut Leaf Sheaths (ALS)	SHASHIDHAR H E PAVAN K J PRAKASH K K BHARATH K N SWAROOP K S RAMACHANDRA	Filed	International
23	202541033937	Development of Hydrogel Based Facial Care Masks Synthesised from Agricultural Extracts	SWAROOP K SYEDA RAIYAN NAFIYA FAROOQI SURYA B G	Filed	International

GM University
List of Patents for the Academic Year 2024-25

			SANJANA H SADIYAH M S SAMRADDHI SAVANT		
24	202541033938	An Analysis of Sugarcane Cultivation to Improve its Productivity	KAVITHA K J MINIGE RAGHAVA REDDY INCHARA S NIHARICA C CHAITRA S AFSHAN ANJUM NAVEEN P KANPET ADITHYA P J AMITH G BYAHATTI	Filed	International
25	202541029112	Extraction of Nano-cellulose from Areca Nut Waste for Pharmaceutical Formulations	ONKARAPPA H S KIRAN M S NANDITA PRAKASH TARIKOPPA NISHASHREE P A ANKITHA B AISHWARYA A S ISHA R V	Filed	International
26	202541029114	Decoding Genetic Aberrations in Vitiligo Through In-Silico Methods	GANESH G TILVE NAYANATHARA V RITU A PALANKAR SPOORTHY G M AJAY R	Filed	International
27	202541029115	Development of Bio Wrapper using Pseudo Stem, Sugarcane Bagasse, and Areca Nut Husk	GURUMURTHY H KARIBASAVA REDDY B SRUSHTI A PATIL SUSHMITHA B PATIL	Filed	International
28	202541029113	Isolation And Characterization of Methanogen Bacteria For Higher Biogas Production	PAVAN K J MANJUNATHA T RASHMI B H SHAZADI RAISA N SPOORTHY K N VANDANA P H	Filed	International
29	202541068448	System and Method for Non-Conventional Data Storage on Video Hosting Platforms	MUKTA PUJAR ARCHANA DIGRAJ IDYARANI PATIL INAY R B SANJAY A	Filed	International

GM University
List of Patents for the Academic Year 2024-25

30	202541065777	System And Method for Smart Automated Evaluation and Feedback Generation of Subjective Assessments	ASHA K HEENA KOUSER SHREYA A B IJAYALAKSHMI K V YASHWANTH J V	Filed	International
31	202541065778	Portable Electrochemical Sensing Device For On-Site Detection of Pesticide Residues in Fruits and Vegetables	SWAROOP K IJAYAKUMAR D JANGANNANAVA R V SANTHOSHINI SURYA B G PRATEEKSHA	Filed	International
32	202541065776	Eco-Friendly Mosquito Repellent Coils Using Tithonia Diversifolia Extract	PRATI KSHA C VAMSHI PRADEEP N J K CHANDANA PALAKSHA M S ADARSHA M V K N VINAY	Filed	International
33	202541065779	Nano Silver And Cordyceps Militaris-Based Topical Composition for Antiwrinkle, Antioxidant, and Anti-Cancer Dermatological Applications	RAKESH S A BHUMIKA B C BHAGYA V H GAGAN H S	Filed	International
34	202541065780	Ph-Sensitive Biodegradable Composite Biofilms for Intelligent Food Packaging	PRADEEP H K DIVYA V PATTANASHETTY KARTHIK V TEJASWINI K V	Filed	International
35	202541065781	A Clove Oil-Based Herbal Film-Forming Spray for Transdermal Application	TEJASWINI H M SHARAVANI S M HARSHA K M SHAFIYA FARZEEN SUPREETH P ANUSHA K S	Filed	International
37	202541065774	Ceramic-Coated En24 Medium Carbon Steel using High-Velocity Thermal Spray Process	DILEEP KUMAR S G BHARATH K N ABHISHEK K DHANUSH KUMAR R RAVI K M YUVRAJ S P	Filed	International

GM University
List of Patents for the Academic Year 2024-25

38	202541065782	A Spray for Odour Neutralization	PAVAN K J JUVERIYA KONAIN SYEDA AYYAN TASMIYA AZMATH	Filed	International
39	202541067949	Stainable Biodegradable Water Filter Paper	PAVAN K J GURUMURTHY H ANUSHA S UNKI DARSHAN R DEEPIKA D S SAHANA C M	Filed	International
40	202541067954	Smart Backpack for self defense	VEENA H T SUPRITH P G ANURADHA U G HARSHITHA G C KAVYA S HULAGABALI N RESHMITHA	Filed	International
41	202541067951	Upstairs and Downstairs Climber for Load Carrying Purpose	SIDDARAJ S B INDRAJITH K S MITHUN M AYUSH ERESHI VASANADA RENUKASWAMY V	Filed	International
42	202541067950	Plant Growth Promoting Bacteria Based Fertilizer	PAVAN K J BHAVANA V S BINDU G K HARSHITHA V L KEERTHANA L	Filed	International
43	202541067952	Organic Liquid Fertilizer from Fermented Banana Flowers and Jaggery for Sustainable Soil Enrichment	PRADEEP M J KOUSHIK S P NITISH M RAKSHITHA S B	Filed	International
44	202541067953	A Plant Derived Wound Healing Patch	PRADEEP M J MAMATHA H G SUCHITRA S B SUMATHI A B TEJASWINI K B	Filed	International
45	202541067956	Sustainable Bio-Control Agent for the Management of Fungal Diseases in Plants	PAVAN K J PREETHI H P JEEVITHA K MEGHA B R	Filed	International

GM University
List of Patents for the Academic Year 2024-25

			ANJALI SURESH PATIL		
46	202541067955	Natural Anthocyanin from Black Grapes	PRAKASH K K ANUSHA M ANKAD DARSHAN S ISHA R V TEJASWINI N K	Filed	International
47	202541067957	Bio-Fertilizer Composition and Process using Organic Waste for Improved Soil Fertility and Sustainable Agriculture	SUSHMA B S PRADEEP M J AISHWARYA J S CHAITRA R PATIL SAHANA H WALIKAR	Filed	International