

GM UNIVERSITY

List of Patents - 2024-26

Sl. No	Application Number	Title	Inventor(s)	Status
1	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	Published
2	202441099994	Method and system for Efficient Sewage Wastewater Purification	Spoorthi B Akshatha M S Anusha P M Kavana Y S Manasa H	Published
3	202441100004	Devise and Organic Eco-Friendly Compost Fertilizer for Crops	Gurumurthy H Mujassim G Suma M A Tasbianjum A Patvegar Vijay K S	Published
4	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	Published
5	202441100118	pH-Responsive Smart Polymer Films for Sustainable Food Packaging	Kerthi S Swaroop K Ashwini S G Bhavana P L Rekha B A	Published
6	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	Published
7	202441100128	Extraction of Anti-Odour Compounds from Arabidopsis thaliana for Treating Foul Smell in Recycled Sewage Water	Gurumurthy H Meghana L Pramod Bhavanoor	Published
8	202441100129	Plant Growth Promoting Bacteria Isolated from the Rhizosphere of Areca Catechu L. Plantation	Pavan K J Meghana MRanjitha HShubham RevankarSuhas S V	Published

9	202441100130	System and Method for Automated Rice Grain Classification, Quality Grading, and Nutritional Analysis Using Machine Learning	Kavysree P N Shravani M R Shravani Sajjan T S Tejaswini S Vachana C	Published
10	202441100131	INTELLIVEST: STAY BRIGHT, STAY SAFE ON EVERY TURN	Raviteja Balekai Manoj Y Kammar Yathik K Ramesh H R Siddalingaswamy M V	Published
11	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	Published
12	202441100215	Water Purification System Using Nanotechnology	Prakash K K Rathn U Vinay Patil K G Pramod B	Published
13	202441100216	Peel-Off Gel Mask	Alisha M Jain Hidayath Javali Jeevitha S Manoj Kumar G B Nayana D N Savitri K R	Published
14	202441100217	Biodegradable Nanocomposite Films from Areca Husk Fibres for Food Packaging	Bharath K N Onkarappa H S Rahul R Rakshita B T Tarun Kumar N P Teja K	Published
15	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	Published
16	202441101021	Eco-Friendly Copper Nanoparticles Mosquito Repellents	Pradeep M J Akash Patel M P Ankitha B M Dhanya R Pragnya Shivanand Savadi	Published
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	Published

18	202541000075	Efficient Eye-Typing System and Method thereof.	Neelambike S Devika M Dyamalamba C Hemashree C H Sanjana R	Published
19	202541000076	Smart Glove for Paralyzed Patients	Neelambike S Abdul Raqib Geeta B S Gauthami A P Habeeba Firdouse N M	Published
20	202541000077	INNOVATIVE WATER-RESISTANT LAMINATED FOOD PACKAGING	Srinivasa C V Manoj Kumar K B Suman Patil G R Ajith Ramesh Meti	Published
21	202541029111	Digital SignalProcessing (DSP)Integrated SmartComposting Systemwith IoT andMachine Learning	Suprith P G Aishwarya N Amulya B Gaekwad Anusha R B Karthik K S	Filed
22	202541029112	Extraction of Nanocellulose from Areca Husk and Pharmaceutical products thereof	Onkarappa H. S Kiran M S Nandita Prakash Tarikoppa Nishashree P A Ankitha B Aishwarya A S Isha R V	Filed
23	202541029113	ENHANCED BIOGAS PRODUCTION	Pavan K J Manjunatha T Rashmi B H Shazadi Raisa N Spoorthi K N Vandana P H	Filed
24	202541029114	Therapeutic composition for the treatment of vitiligo	Ganesh G. Tilve Nayanathara V Ritu A. Palankar Spoorthi G M Ajay R	Filed
25	202541029115	Biodegradable Bio-Wrapper from Agricultural Waste Materials	Gurumurthy H Karibasava Reddy B Srushti A Patil Sushmitha B Patil	Filed

26	202541033937	Hydrogel-Based Facial Care Mask Incorporated with Natural Antimicrobial Extracts	Swaroop K Syeda Raiyan Nafiya Farooqi Roshni P N Surya B G Sanjana H Sadiyah M S Samraddhi Savant	Filed
27	202541033938	Integrated System for Real-Time Soil Nutrient Analysis, Disease Detection, and Sucrose Estimation of Sugarcane	Kavitha K J Swaroop K Raviteja Balekai Amith G Byahatti Adithya P J Minige Raghava Reddy Inchara S Niharica C Afshan Anjum Chaitra S Naveen P Kanpet	Filed
28	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
29	202541065774	Ceramic-Coated En24 Medium Carbon Steel Using High-Velocity Thermal Spray Process	Dileepkumar S G Bharath K N Abhishek K Dhanush Kumar R Ravi K M Yuvraj S P	Filed
30	202541065775	Bio Composite Packaging Material	Pratiksha C Chandragirivar Pradeep H K Madhuri H R	Filed
31	202541065776	Eco-Friendly Mosquito Repellent Coils Using Tithonia Diversifolia Extract	Pratiksha C Vamshi Pradeep N J K Chandana Palaksha M S Adarsha M V K N Vinay	Filed
32	202541065777	System And Method For Smart Automated Evaluation And Feedback Generation Of Subjective Assessments	Asha K Heena Kousar S R Shreya B Vijayalakshmi K V Yashwanth J V	Filed
33	202541065778	Portable Electrochemical Sensing Device For On-Site Detection Of Pesticide Residues In Fruits And Vegetables	Swaroop K Vijayakumar D Jangannanavar V Santhoshini Surya B G Prateeksha	Filed

34	202541065779	Nano Silver And Cordyceps Militarised-Based Topical Composition For Antiwrinkle, Antioxidant, And Anti-Cancer Dermatological Applications	Rakesh S A Pratiksha C Chandragirivar Sukanya P Bhumika B C Bhagya V H Gagan H S	Filed
35	202541065780	Ph-Sensitive Biodegradable Composite Biofilms For Intelligent Food Packaging	Pradeep H K Divya V Pattanashetty Karthik V Tejaswini K V	Filed
36	202541065781	A Clove Oil-Based Herbal Film-Forming Spray For Transdermal Application	Tejaswini H M Madhuri H Rayabagi Shravani S M Harsha K M Shafiya Farzeen Supreeth P Anusha K S	Filed
37	202541065782	A Spray For Odour Neutralization	Pavan K J . Prakash K K Juveriya Konain Syeda Ayyan Tasmiya Azmath	Filed
38	202541067949	Sustainable Biodegradable Water Filter Paper	Pavan K J Gurumurthy H Anusha S Unki Darshan R Deepika D S Sahana C M	Filed
39	202541067950	Plant Growth Promoting Bacteria Based Fertilizer	Pavan K J Bhavana V S Bindu G K Harshitha V L Keerthana L	Filed
40	202541067951	Upstairs And Downstairs Climber For Load Carrying Purpose	Siddaraj S B Indrajith K S Nithin V Ayush Ereshi Vasanada Renukaswamy V	Filed
41	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
42	202541067953	A Plant Derived Wound Healing Patch	Pradeep M J Mamatha H G Suchitra S B Sumathi A B Tejaswini K B	Filed

43	202541067954	Smart Backpack For Self Defense	Veena H T Suprith P G Anuradha U G Harshitha G C Kavya S Hulagabali N Reshmitha	Filed
44	202541067955	Natural Anthocyanin From Black Grapes	Prakash K K Anusha M Ankad Darshan S Isha R V Tejaswini N K	Filed
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 Anjali Suresh Patil	Filed
46	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
47	202541068448	System and Method for Non-Conventional Data Storage on Video Hosting Platforms	Mukta Pujar Archana Digraj Vidyarani Patil Vinay R B Sanjay A	Filed
48	202541106403	Extraction of Fibers from Areca Catechu Folium and Aloe Vera and Fabrication of Biodegradable Bags	Akash Patel M P	Filed
49	202641006304	LEAP: An Institution-Owned, Credit-Integrated Intelligent Dashboard Platform for Holistic Student Development	S R Shankapal Keerthi Prasad G Firoz Khan	Filed
50	202641006305	Herbal based Solution as Self-Defense Spray	Gaganashree A Amith Kumar B Alisha M. Jain Rakesh S A J. Thimmasetty	Filed
51	202641006306	System and Method for Real-Time Hands-On Skill Training Using Multimodal Sensing and Adaptive Feedback	S R Shankapal Keerthi Prasad G Bharath K N Firoz Khan	Filed

52	202641025815	A Cream Formulation for Skin Repair	Akash Patel M P Dinesh M Nandan N Charvi S Archana H	Filed
53	202641081221	Method and System for Curriculum-Bound Adaptive Learning with Pedagogy- Driven Instruction, Formative Assessment and Child-Safe Educational Governance for K–12 Institutions	Surendra Rao Shankapal Keerthi Prasad G	Filed
54	202641081222	Eco-Friendly Biodegradable Incense Sticks Using Areca Nut Husk	Gurumurthy H Sharan S Sappali Kishor Kumar B C	Filed
55	202641081223	Biodegradable Drinking Straw and Low-Energy Manufacturing using Fruit- Processing Waste	Girish Bolakatti Poojitha B.S Rajathadri M Annapurneshwari N R Haripriya G T Rojaya J	Filed
56	202641091216	System and Method for Peer Learning	Keerthi S Kavitha K J Sukanth Bhat M A Shashank B Anvekar	Filed
57	202641091217	Functional Energy Bar	Tilak R Kavana G H Pavan K J Vidyashree K Syeda Hajira Tarannum	Filed
58	202641091218	System and Method for Automated Evaluation of Handwritten Descriptive Examination Answer Scripts	Shweta Marigoudar Bhoomika B V	Filed
59	202641094504	Sustainable Bioactive Wall Coatingusing Saraca Asoca Extract	Sushma B S Pradeep M J Ranjana S Pujar Aishwarya J S Rumana Banu Bibi Fathima	Filed

60	202641094505	Formulation of Sustainable HerbalCleansing Agent from Invasive Aquatic Weed Extract	Prakash K K Pradeep M J Khushi M M Rohit T Sirisha S Yashwanth S	Filed
61	202641094506	Coconut Haustorium-basedNatural Sweetener	Ganesh Tilve Apoorva G R Nandita Prakash Tarikoppa Sumeet H M Vagesh K A	Filed
62	202641096162	Natural Fibre Reinforced Hybrid Sandwich Panel for Enhanced Vibration Resistance and Dynamic Stability	Sandeep S H Srinivasa C V Bhavana M N Darshan K A Preethi P K Vinay G S	Filed
63	202641094506	Coconut Haustorium-based Natural Sweetener	Ganesh Tilve Apoorva G R Nandita Prakash Tarikoppa Sumeet H M Vagesh K A	Filed