

**GM University**  
**List of Patents from 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	SPOORTHY 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

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

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

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

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

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

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			ANJALI SURESH PATIL		
46	<b>202541067955</b>	Natural Anthocyanin from Black Grapes	<b>PRAKASH K K</b> ANUSHA M ANKAD DARSHAN S ISHA R V TEJASWINI N K	<b>Filed</b>	<b>International</b>
47	<b>202541067957</b>	Bio-Fertilizer Composition and Process using Organic Waste for Improved Soil Fertility and Sustainable Agriculture	<b>SUSHMA B S</b> <b>PRADEEP M J</b> AISHWARYA J S CHAITRA R PATIL SAHANA H WALIKAR	<b>Filed</b>	<b>International</b>
48	<b>202541106403</b>	Extraction of Fibers from Areca Catechu Folium and Aloe Vera and Fabrication of Biodegradable Bags	<b>Akash Patel MP</b>	<b>Filed</b>	<b>International</b>
49	<b>202641006304</b>	LEAP: An Institution-Owned, Credit-Integrated Intelligent Dashboard Platform for Holistic Student Development	<b>S R Shankapal</b> Keerthi Prasad G Firoz Khan	<b>Filed</b>	<b>International</b>
50	<b>202641006305</b>	Herbal based Solution as Self-Defense Spray	<b>Gaganashree A</b> Amith Kumar B Alisha M. Jain Rakesh S A J. Thimmasetty	<b>Filed</b>	<b>International</b>
51	<b>202641006306</b>	System and Method for Real-Time Hands-on Skill Training Using Multimodal Sensing and Adaptive Feedback	<b>S R Shankapal</b> Keerthi Prasad G Bharath K N Firoz Khan	<b>Filed</b>	<b>International</b>