

PATENTS PUBLISHED (JUIT)

S.No.	Application no. & Date of Publishing	Title	Department and Inventors
1	202111031068 on 30 July, 2021	A System for monitoring plantation and a method thereof	Dr. Yugal Kumar, Meenakshi Sood, Anjana Kumari, Dr. Pradeep Kumar Singh
2	202311008596 Feb 17, 2023	An IoT-Based Automated DIY Drip Irrigation And Pest Control	Shruti Jain, Yugal Kumar, Jagpreet Sidhu , Arvinder kaur
3	202311028088 May 19, 2023	An Apparatus for Testing a helical Soil Nail	Saurabh Rawat, Ashok Kumar Gupta and Pankaj Sharma
4	202211043849 May 19, 2023	Construction of multi gene dsRNA expressing construct for silencing target genes of Venturia inaequalis, causal organism of apple scab	Suhani Bhagta, Sundaresha Siddappa, Anil Kant
5	202311029769 May 26, 2023	Method of Fabrication and arrangement of Anti-Glare Glass for Avoiding accidents of Road	Archit Kaushal, Shruti Jain, Sudhir Kumar, Aman Sharma, Saurabh Rawat
6	202311038968 June 07, 2023	Psychological Chatbot and Voice Bot system for The Treatment of Mental illnesses	Aman Shrama, Rajni Mohana, Sanskriti Priya, Shruti Shree
7	202311038969 June 07, 2023	Landslide Prediction System using IOT and Machine Learning	Ashok Kumar Gupta, Vivek Kumar Sehgal, Tanmay Gupta, Arush Kaushal
8	202311039260 June 08, 2023	Machine Learning-Based Method for classifying Alzheimer's Disease-Associated Genes	Rohit Shukla and Tiratha Raj Singh
9	202311041412 June 19, 2023	Real-Time Monitoring and Identification System for Diabetic Retinopathy with Remote Consultation Capability	Anmol Goyal, Vansh Bansal, Himanshu Jindal, Shruti Jain, Monika Bharti

10	202311047900 August 11, 2023	Household Waste Heat Harvesting System for Energy Generation	Shruti Jain, Meenakshi Sood, Pramod Kumar
11	202311058043 September 29, 2023	Multifunctional Spring-Magneto-Luminescent (SML) core@shell nanostructures for biomedical applications	Ragini Raj Singh, P.B. Barman, Dipti Rawat
12	202311061868 December 15, 2023	Real-time automated recognition and classification of Indian Arts and Paintings using AI and Deep Learning	Vansh Anand, Pardeep Garg
13	202311079226 December 29, 2023	Unified Pavement Condition Assessment System	Ashok Kumar Gupta, Achyut Tiwari
14	202411004565 February 09, 2024	Aromatic Herbal Formulation For Dementia Management through Olfactory Induction	Sirina Kalia, Naina Puri, Khushboo Pandey, Hemant Sood and Udayabanu M
15	202411005596 February 09, 2024	Integrative Water Quality Monitoring System: IoT Sensors, ML Analysis, and LLM Guidance for Real-Time Potability Assessment and Sustainable Water Management	Tushar Paul, Priyansh Garg, Rohit Raj, Shruti Jain
16	202411006017 February 09, 2024	Sustainable Water Filtration System using Banana Pseudostem-derived Membranes	Swastik Manibhushan Mondal, Abhishek Chaudhary, JitendraaVashist, Sudhir Kumar, Sandhya Tegta, Purba Kundu, Tanvi Chadha
17	202411019524 April 12, 2024	A method for producing tissue-grown Swertia chirayita-based formulation for curing diabetes and cancer	Rolika Gupta and Hemant Sood
18	202411032279 May 10, 2024	Utilization of Biogas Spent Slurry as binder for Pine Needles Biofuel briquettes/Pellets	Anup Kumar Sinha, Ashish Kumar, Sudhir Kumar

19	202411035405 May 17, 2024	Polyherbal Gel Formulation for Treating Diabetic Foot Ulcer	Udayabanu Malairaman, Diksha
20	202411039825 June 07, 2024	Biodegradable Fungal Based Bio-composite Sheet(FBBS) for Sustainable Materials Manufacturing	Manisha Sharma, Jata Shankar, Kannu Priya, Ashok Kumar Nadda
21	202411040937 June 07, 2024	Agriculture System for Enhanced Soil Management and Crop Optimization Using IoT and Drone Technology	Aman Sharma, Shubham Goel, Pratham Thakur, Amritansh Sharma
22	202411045713 June 21, 2024	Biodegradable Keratin-Based Biocomposite for Dye Removal From Wastewater	Sanskriti Sauhta, Megha Mourya , Ashok Kumar Nadda
23	202411045083 June 28, 2024	Autonomous Firefighting Robot System with Dynamic Sensor Fusion and AI-Enhanced Navigation	Abhishek Kumar, Utkarsh Sharma , Deepanshu , Sanat Jain, Vikas Baghel, Nishant Jain
24	202411048587 July 05, 2024	AI-Powered Automatic Eyeglass Cleaning System	Anita Sardana, Vivek Sehgal
25	202411050177 July 12, 2024	Smart Clothes Drying Appliance with Automated Shifting and AI-Enhanced Drying Mechanism	Anita Sardana
26	202411050178 July 12, 2024	System for Predicting User Behavior Using Advanced Keystroke and Biometric Data	Vipul Arora , Aastha Verma, Rakesh Kanji
27	202411050496 July12, 2024	Biodegradable Biopolymeric Film Derived from Chicken Feathers for Sustainable Packaging	Piyush Kumar Kesharwani, Megha Mourya, Ashok Kumar Nadda

28	202411050793 July 12, 2024	IoT and AI-Powered Robotic Arm System for Automated Plant Sowing and Weed Removal	Aman Sharma, Diksha Hooda
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34	202411059294 August 23, 2024	Smart Mobile Cover System With AI-Driven Safety Features and Real-Time Protective Mechanisms	Saurav Kumar, Pardeep Garg, Pratap Singh