Patent Published

2025-2026

S.No	Title of the Patent	Faculty Name	Month &Year of Publication	Is Published? (Yes/ No)	Publication Number
1.	Multi-Mode Programmable Valve Controller for Efficient Liquid Flow Distribution in Utility Systems	Dr. Jaikumar R	06/02/2026	Yes	202541084731
2.	Intelligent IoT-based automation for resilient environmental monitoring in mountain agriculture	Dr.M.Kalamani	06/02/2026	Yes	202541084727
3.	Smart ECG patch with wireless BLE communication for cardiac patients	S.Gunanandhini	24/10/2025	Yes	202541084104
4.	Sensor fusion-based autonomous drone for tactical operations	S.Priyadharshini	24/10/2025	Yes	202541084130
5.	System And Method For Quantum-Enhanced Secure Communication With Distributed Ledger Integration In Networks	Dr.Arijit De	05/12/2025	Yes	202541093021 A
6.	Waste water treatment using electro coagulation	Dr J Prasad	28/11/2025	Yes	202541110595
7.	Smart Material Handling Arm for small scale industries	Dr.Jaikumar.R	23/01/2026	Yes	202641001527
8.	Multi-Mode Programmable Valve Controller for Efficient Liquid Flow Distribution in Utility Systems	Dr.Jaikumar.R	06/02/2026	Yes	202541084731 A
9.	AI driven cyber security framework for automated threat detection and mitigation	Dr.K.Murugan	26/12/2025	Yes	202531115780
10.	A system for AI driven Patient monitoring and automated health care coordination	Dr V Seethalakshmi	29.05.2026	Yes	202641064045 A
11.	Smart Warehouse Monitoring System	Dr. T. Venkatesh	22/05/2026	Yes	202641058203
12.	Artificial Intelligence-Driven Real-Time Public Transport Optimization System for Smart Cities Using IoT Sensors and Machine Learning Techniques	Dr M Kathirvelu	04/07/2025	Yes	202521056675

13.	A Robotic Pest Repellents System For Enhanced Polyhouse Protection	Dr.T. Jagadesh	06/06/2025	Yes	202541048181 A
14.	Artificial Intelligence (Ai) Driven Atmosphere Centric And Mood Based Audio Content Recommendation System And Method Thereof	Dr.T. Jagadesh	13/06/2025	Yes	202541051208 A
15.	System For Managing Personal Finances	Dr.T. Jagadesh	29/08/2025	Yes	202541077305 A
16.	Enhancing Road Safety And Network Intelligence Through Ai-Driven 6g-Enabled Vehicle-To-Everything (V2x) Communication	Dr Muralidharan J	05/09/2025	Yes	202541080638 A
17.	Automated Framework For Analyzing English Literary Texts Using Machine Learning Techniques In Higher Education	Ram Nivas D	03/10/2025	Yes	202521088999 A
18.	A System And Method For Image Super-Resolution Using Enhanced Generative Adversarial Networks (Egan)	Dr. B. Jaishankar	28/11/2025	Yes	202541109254
19.	Real-Time Crop Health Monitoring and Predictive Disease Control Using IoT and AI	G K Jakir Hussain	01/08/2025	Yes	202541071711
20.	Secure and Intelligent Tracking Solution for Smart Cities using Machine Learning and 6G Networks	Dr. Muralidharan J	27/03/2026	Yes	202631005070 A
21.	High-Speed Fpga-Accelerated System And Method For Real-Time Adaptive Video Processing	Dr. B. Jaishankar	06/02/2026	Yes	202541126614
22.	Low Power Front-End Architecture for ECG - Acquisition System	Dr. B. Jaishankar	10/04/2026	Yes	202641037832
23.	Machine Learning–Based Framework For Enhanced Fraud Detection In E-Commerce Financial Systems	M D Saranya	26.09.2025	Yes	202541083326
24.	Post-Quantum Secure Authentication and Revocation Framework for VANETs using Lattice Cryptography and PUFs	Dr. S. M. Ramesh	05/12/2025	Yes	202541091681

25.	Low-Power Biomedical Signal Classifier Using Neuromorphic VLSI Circuits for Portable Diagnostic Devices	Dr. S. M. Ramesh	28/11/2025	Yes	202521106037
26.	Intelligent IoT-Enabled Framework For Predictive Worker Safety And Ethical Compliance Using Machine Learning In Smart Manufacturing Supply Chains	Pradeepkumar G	17/04/2026	Yes	202641042197 A
27.	Privacy-Preserving User Authentication Framework Using Blockchain and Zero-Knowledge Proof Techniques	Supriya M	08/05/2026	Yes	202611035140
28.	Chebyshev Polynomial-Based Lightweight Batch Authentication And Blockchain-Enabled Key Agreement For Vanets	T.S.Anju	05/12/2025	Yes	202541093124 A

