SETHU INSTITUTE OF TECHNOLOGY
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Department of Civil Engineering

Patent Publications

Academic Year 2025 – 2026

S.No	Application No	Title of the Patent	Status	Year of Status	Author Details
1	202541067800	Modular Architecture with a Green Core: 3D Printing from Recycled Thermocol	Published	2025	Dr.A.M.Arun Mohan
2	202541035486	Nano Slica Infused High Performance Concrete for Improved Durability	Published	2025	Dr.M.Anandh Babu Ms.S.Thahira Banu
3	202541073948	Modular Foldable Bridge Deck System Using Light weight Fiber Reinforced Composites	Published	2025	Mr.R.Logaraja
4	462158-001	Automated Landslide and Slope Stability Detection Unit	Granted	2025	Mr.R.Logaraja
5	202541066642	Self-Healing Concrete with Nano Encapsulated Bacteria for Sustainable Infrastructure	Published	2025	Dr.M.Anandh Babu

6	202541073115	Automated Modular Costruction System using 3D Printing and IOT Integration	Published	2025	Dr.M.Anandh Babu
7	202511128359A	Risk Assessment Method Using Multivariate Optimization mathematics	Published	2025	Ms.S.Bharathi
8	202541098183A	AI-Based Pesticide Residue Detection In Mango Using Hyperspectral Imaging	Published	2025	Mr.B.Palanikumar
9	202541063580	Block Cain Based Trusted Communication Architecture for smart Urban Environments	Published	2025	Dr.A.M.Arunmohan
10	461193-001	Highway Design and Geometric Standards Checking Device	Granted	2025	Dr. S.Dhavamanidoss
11	202521115339	IoT-Integrated Smart Water Quality Monitoring System for Sustainable Civil Infrastructure	Published	2025	Mrs.P.Anitha
12	202541113004	Geopolymer Bio Bricks	Published	2026	Mr.R.Logaraja Ms.P.Anitha Mr.B.Palanikumar

13	202541113005A	AI Assisted Rock fall Yearly Alert System	Published	2026	Mr.R.Logaraja
14	202641014189	Non toxic Organic Cleaning Solution with enhanced Germ Kill Efficiency	Published	2026	Dr.A.M.Arunmohan
15	202611030100	Germ Resistant Polymeric Material for public utility surfaces	Published	2026	Dr Arunmohan AM
16	202641031211	Smart Electric Generating Device using Movement of Vehicle in road	Published	2026	Bharathi S
17	202641031346	IOT Enabled Lidar and Camera based Crack Detection and Measurement System	Granted	2026	Logaraja R
18	202641031224	Tribal Fecal Contamination by heavy Metals using Atomic Absorption Spectrophotometer	Published	2026	Dr Arunmohan AM