



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
NAMAKKAL- TRICHY MAIN ROAD, THOTTIAM, TRICHY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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ACADEMIC YEAR 2024-25

Sl. No	Title of the Invention	Date of Filing	Date of publication	Name of Inventor	Application Number
Academic Year: 2024-2025					
1	Method for Producing Natural Fiber Based BIO Composites from Banana Leaf Waste for Smart Toy and Decorative Applications	18/06/2025	04/07/2025	Dr.J.Yogapriya Dr.C.Saravanabhavan	202541058354
2	Smart Multi-Functional LED Lamp with Integrated Motion Detetion Air&NBSP;Quality Monitoring Alarm System Cloud Connectivity and Mobile APP Control	18/06/2025	04/07/2025	Dr.S.Dhanabal	202541058352
3	AI-Controlled Reflective Bird Deterrent Device with Solar-Powered Illumination and Roating	18/06/2025	04/07/2025	Dr.S.Dhanabal S.Manikandan	202541058344
4	Non-Destructive System and Method for Extracting Core and Sheath Water from Living Banana Plants	18/06/2025	04/07/2025	Dr.M.Suganthi K. Thangadurai Dr.P.Kalaichelvi C. Radhakrishnan R.Premkumar	202541058345
5	Self-Activating Light Capsule Using Passive Airflow-Responsive Unbalanced Ball Mechanism for Controlled	18/06/2025	04/07/2025	L. Karthick M. M.Swarna Devi L.Nivetha	202541058343
6	AI-Integrated Solar-Powered Desalination System Using ECO-Friendly Materials for	18/06/2025	04/07/2025	S.Revathi	202541058346

	Portable Drinking Water Generation				
7	AI Enabled Spider Type Robotic Device for Wall Surface Cleaning and Automated Plaster Repair with Mobile APP Control and Rechargeable Battery Operation	18/06/2025	04/07/2025	S. Suganya L.Nivetha	202541058353
8	Machine Learning and Image Processing for Plant and Disease Detection to Improve Agricultural Yield	28/02/2025	14/03/2025	Suganya S	202541018130