Working models

2025-2026

S.No	Model/ Prototype	Faculty Name
1	Smart Companion Robot for Elderly Safety and Wellness Monitoring	Dr. V. Seethalakshmi
2	Development of Automated Intensive Care Unit using IoT	Dr. M. Kalamani
3	Design and implementation of multi-node wireless security siren system for commercial applications	Dr. S. M. Ramesh
4	Real-Time IoT-Driven Energy Optimization Framework for Commercial and Industrial Spaces	Dr. R. Jaikumar
5	AI Controlled Intelligent Traffic Monitoring and Safety System	Mr. G.K. Jakir Hussain
6	Design and Development of a Crop Monitoring and Yield Prediction System using IoT and Machine Learning	Mr. G. Pradeep kumar
7	Smart Waste Management System for Urban Areas using IoT and Community Engagement	Mr. D. Ram Nivas
8	IoT-Based Smart Milk Vending Machine with Real-Time Monitoring and Control	Mrs. S. Gunanandhini

2024-2025

S.No	Model/ Prototype	Faculty Name
1	Tree health monitoring system	Mr Balamurali M
2	Digital Lab Entry Logger	Dr R Jaikumar
3	Automated Egg incubator	Dr R Jaikumar
4	Design & Development of Companion Robot for Smart Medication with Health Monitoring	Dr V Seethalakshmi
5	AI Voice controlled wheelchair	Dr Suganyadevi S
6	Three in one electric pole	Dr.Suganyadevi S
7	Intelligent wearable glove for rescuers	Dr.Rima Deka
8	Accident detection and rescue system	Mr Balamurali M
9	Lifi technology	Dr.Suganyadevi S

10	Restroom Hygiene Feedback and Monitoring System using IoT	Dr.Sharmi Ganguly
11	Gunfire Detection System using Sound signature analysis	Dr.Suganyadevi S
12	Home automation phase-1 using GSM	Dr.Sharmi Ganguly
13	Smart Classroom environment	Dr.Sharmi Ganguly
14	Hand gesture Bot	Dr.Rima Deka
15	Smart Rail Livestock detection and alert system	Dr.Rima Deka
16	Iot based manhole gas detection system	Dr.Rima Deka
2023-2024		
S.No	**Model/ Prototype**	**Faculty Name**
1	Data logger and NAS	Ms.Supriya
2	soil monitoring and humidity sensor in farming land	Dr. Ashish Ranjan Shadangi
3	Assistive technology for hearing impaired	Ms.Supriya
4	RC Controlled Fertilizer Dispenser	Dr. Prasad J
5	Low Cost IoT Based Weather Monitoring and Prediction System for Smallholder Agriculture	Dr. Prasad J
6	Voice Assisted Navigation Bot for Educational Campus	Dr.Suganyadevi S
7	An IoT-Based Assistive solution for Alzheimer's care	Mrs. Priyadharshini S
8	LoRa based Weather Monitoring System for Hilly Regions	Mrs.Gunanandhini
9	DevOps Pilot	Dr. M. Kalamani
10	IoT Based Health Monitoring System	Dr.Murugan K
11	DUOBOT	Dr. Jaikumar
12	Smart Wearable Fall Detection System	Dr.Murugan K
13	FPGA Based Braille Reader	Dr.Suganyadevi S
14	Effi-track Employee Monitoring System.	Dr V Seethalakshmi
15	Self-Healing IoT Mesh Network for Disaster Communication	Mrs. Priyadharsini S

2022-2023		
S.No	**Model/ Prototype**	**Faculty Name**
1	Autonomous Security & Surveillance UAV	Dr. B. Jaishankar
2	Hybrid EV Charger	Dr.Murugan K
3	SEIKOZEN Gyroscopic Prosthetic Arm	Dr J Indra
4	Fingerprint Voting System	Dr.T.Jagadesh
5	Sun Tracker for Solar Panel Efficiency	Mr Ram Nivas D
6	IoT Based Automatic Vehicle Accident Detection & Rescue System	Dr. Himanshu Deka
7	Supply chain enhancement module with blockchain	Dr J Indra
8	Tactical Rescue Analysis System using IoT	Dr Suganyadevi S
9	Cloud Integrated Facility Automation	Dr V Seethalakshmi
10	Real time product counter and Data management system	Dr R Jaikumar
11	AI driver crop disease prediction and management system	Dr. Ashish Ranjan Shandangi

HoD/ECE