



SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University)

Coimbatore -641 010

Department of Electrical and Electronics Engineering



Academic Projects

S. No	Title
2021-2022	
1.	House Keeping Robot
2.	Obstacle Avoidance Robot
3.	Three-Dimensional Prediction of Dissolved Oxygen in Shrimp Ponds
4.	Micro irrigation system to improve Water Use Efficiency of Irrigation sector.
5.	Smart Quality and Quantity Checking Framework for Raw Milk
6.	Smart wheelchair for Disabled Persons
7.	Portable Electric Vehicle Charger
8.	Gait Analysis based Inhouse Fitness Trainer
2020-2021	
1.	Building Management System
2.	Assistive Robotic Arm
3.	Solar Based MLI and Power Applications
4.	Fuzzy Logic Controller for a DC-DC Converter for Low Power Applications
5.	Smart Washroom Management System
6.	Automation of Aerator and Feeder
7.	Electric Vehicle BMS
8.	Water Quality Monitoring
2019-2020	
1.	Smart Monitoring of Food Warehouses
2.	IoT Based Coma Patient Monitoring System
3.	Smart Controlled Street Lights Using LORA
4.	Smart Power Quality Data logger
2018-2019	
1.	Analysis Of Soil Nutrients by Electrochemical Sensors to Improve Plant Yield
2.	Driver Fatigue Monitoring and Warning System Using Image Processing
3.	Solar Powered Lawn Managing Movable Device
4.	MPPT Based Boost Converter for Waste Heat Recovery from Automobiles using Thermoelectric Generator
5.	Drone Based Smart Pesticide Sprinkler for Agriculture
6.	Standalone PV DC Grid System for DC load
7.	Design And Fabrication of Power Quality Immunity Tester



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8.	Solar Powered Water Hyacinth Removal with Load Equalisation
9.	IoT Based Water Distribution Management in Rural Areas
10.	AI Incorporated Pick and Place Robotic Arm Using ROS
11.	Electroencephalography Based Assistive Robot