



RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University

NAAC Accredited with 'A+' Grade & An ISO 9001: 2015 Certified Institution

NBA Accredited UG Programs: CSE, EEE, ECE and MECH

Department of Electrical and Electronics Engineering

Academic Year 2023-24

DETAILS OF FINAL YEAR PROJECTS

Sl. No.	Name/s of the Student/s who have done the project	Name of the Supervisor	Title of Project	Domain/ Type of Project	Classification	Relevance of POs, PSOs	Outcome of the Project
1.	A Abishesk Bebito	Mrs. S. Sharmilakumari	A sustainable alternative to the batteries used in IoT Devices	Battery Management System	Technology	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	V Keerthian						
	P Kishore						
2.	M Balasubramaniam	Mr. A. S. Vigneshwar	Cost effective shelter for livestock and Humans for harsh weather conditions.	Automation	Technology	PO1, PO2, PO3, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	M Jeyakrishnababu						
	M Sasikaruppya						
3.	R Chandru	Mr. S. Meenakshi Sundaravel	IoT enabled drip irrigation system – dynamic water utilization	Internet of Things	Automation	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	T R Alagarsamy Yasvanth						
	G Balaraman						

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4.	G Dhana Bharathi Lakshmi	Mrs. S. Jeyanthi	Building a unified digital ecosystem: enhancing Goods transportation visibility across modes	Communication	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	M Praveen Selvamani						
	T Suryakumar						
5.	P G Gayathree	Mr. A. Arun kumar	Enhancement of Industrial Resilience using Smart Fault Detection and Localization in Electrical Systems	Communication	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	S Arunkumar						
	M Karpagaraj						
6.	B Jeyapadma	Mrs. S. Jeyanthi	Sustain home: A renewable energy-driven, user-Friendly IoT based smart home system	Internet of Things	Automation	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	K Sakthi Karuppasamy						
	M Vairamani						
7.	R Kalai Arun Balu	Mr. E. Thangam	Advanced Tracking and Alerting Deep sea fishermen using GPS technology	Communication	Automation	PO1, PO2, PO3, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	V Rajesh						
	K Rajkumar						
8.	P Kayalvizhi	Dr. D. Karthik Prabhu	Autonomous	Robotics	Application	PO1, PO2, PO3, PO4, PO5,	Presented Paper in International

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	M Varunganesh		Agricultural Robot for Precision Farming			PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Conference
	N Gokul						
9.	S Lakshmi Narayanan	Mr. A. S. Vigneshwar	Automatic Self Cleaning Toilet System	Automation	Technology Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	M Mohammed Nikil						
	G Gokul						
10.	A Leelaprasadh	Dr. B. Deepalakshmi	Artificial Intelligence Driven Traffic Management System	Automation	Artificial Intelligence	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	A S Kannan						
	N Ramganesh						
11.	S Muthuhareesh	Mrs. G. Sivapriya	Customized Tricycle Assistive Technology for people with disabilities	E-Vehicle	Technology Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	P Surya Prakash						
	R Sivaram						

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12.	P Muthupandi	Mrs. G. Sivapriya	Robotic Solar Panel Cleaning System with LDR-Based Control	Robotics	Automation	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	N Yuvapriya						
	R Sangiliguru						
13.	U Ponselvam	Mr. E. Thangam	Cash recognition using image processing for visually Impaired people	Image Processing	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	-
	S Vijay Anandh						
	S K Nithish Arjun						
14.	M Rajkumar	Dr. B. Deepalakshmi	Automated Crop Disease Identification	Automation	Machine Learning	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	R Gokul						
	G Vigneshkumar						
15.	V Sabarisha	Mr. S. Meenakshi sundaravel	Wireless underground sensor Networks path loss model for Precision agriculture	Communication	Wireless Sensor Networks	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	R Alagendra						
	B Nikil Dev						

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16.	V Sathish Siddharth	Dr. K. Karthikeyan	Caretaker management system for disabled and old age peoples	Communication	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	M Sakthi Aravindh						
	M Senthilkumar						
17.	T Udhaya	Dr. S. Kannan	Underground communication system for Mining safety	Communication	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	G Bhuvanesh						
	M Jeyasakthi						
18.	J Abishek Kumar	Mrs. S. Sharmilakumari	Solar Wireless Electric Vehicle Charging Station with RF authentication	E- Vehicle	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	P Kasirajan						
	J Senthil Murugan						
19.	T Ashwath Arjun	Dr.S.Kannan	Smart shopping for visually impaired individuals	Internet of Things	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	S Aswin						
	M Santhosh						

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20.	A Ayyanar	Dr.K.Karthikeyan	Sensor Based Smart Automated Gas & Oil Leakage Detection & Prevention System	Automation	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3	Presented Paper in International Conference
	R Sabarivasa						
	G Sivaguruthatchinamoorthy						