

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering
Academic Year: 2018- 2019 (Even Semester)
DETAILS OF PROJECT GROUP

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 and PSOs	Outcome of the Project
1.	Ajeeth R	Mr. D. Karthik Prabhu	Smart solar street light	Renewable Energy	Product	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Sudharsanan A						
	Vignesh RK						
	Vijayakumarraja K						
2.	Ajitha R	Mr. E. Thangam	Automated window cleaning robot	Robotics & Automation	Product	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Bavathaarani R						
	Deepika A						
	Dharani V						
3.	Anantha kumar A	Mr. A. S. Vigneshwar	Fire Accident Prevention in Train	Process control	Product	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Ganesh Ram K						
	Naresh KumaR MM						Participated in Project expo
	Naveenkumar R						
4.	Dhamodaran P	Mrs. S. Jeyanthi	IB-SAEMACS: IoT based smart autonomous environment monitoring and control system	IoT & Smart Home	Research	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Published a Journal Paper
	Pranav Kaarthick R						
	Ramanan S						Participated in Project expo
	Bharathi B						
5.	Eswari K	Mr. N.Ganesh	Generation of Electricity from municipal waste	Renewable Energy	Research	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Nivetha C						
	Ramadevi C						
	Vasumathi R						

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6.	Gaayatri A	Mrs. S. Jeyanthi	GSM based industrial security system using Arduino	Process control	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Jananishri R						
	Karthika K						
	Muthu Lakshmi M						
7.	Gokila K	Mr. E. Thangam	Intelligent traffic light control system	Control & Automation	Application	PO1, PO2, PO3, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Harishmaa A						
	Muthulakshmi G						
	Shanmuga Priya S						
8.	Gowtham V	Mr. A. Arun Kumar	Bike crash detection and reporting using GPS	Embedded system	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper Participated in IEEE Project expo
	Suriya Prakash A						
	Vairamuthu J						
	Deivendran P						
9.	Hema Dharshini G	Dr. S.Kannan	Electricity generation using Nano generator	Renewable Energy	Product	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper Participated in Project expo & won I prize
	Ishwarya R						
	Lakshmi Priya K						
	Nirmala M						
10.	Jaganathan M	Mr. A. S. Vigneshwar	Automation of Terrace gardening	Process Automation	Product	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper & won II prize
	Jagadheep Kanna K						
	Ramesh Babu B						
	Vignesh Karthik A						
11.	Karthikeyan I	Mr. S. Meenakshi Sundaravel	PLC based automated multi-mode cooling of a Power transformer	Process Automation	Application	PO1, PO2, PO3, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Pon Athiban S						
	Vishnuprasad R						
	Velava Sathesh S						

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12.	Karunamoorthy E	Dr. K. Karthikeyan	Robot based automatic dustbin picker and garbage collector	Robotics & Automation	Product	PO1,PO2,PO3,PO4, PO5, PO8,PO9,PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Won I prize in IEEE project contest Presented a Conference paper
	Kishorekumar N						
	Lakshminarayanan M						
	Sudalaimanikandan						
13.	Kiruthika S	Mr. N. Ganesh	Smart water management system using IoT	Process Automation	Application	PO1, PO2, PO3, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2,PSO3,PSO4	Presented a conference paper Participated in Project expo
	Krithika A						
	Mahalakshmi R						
	Shyamala Gowri VK						
14.	Muthu Priya Dharshini K	Mr. A. Arun Kumar	PLC based coil winding compact machine	Electrical Machines	Application	PO1, PO2, PO3, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Prabhavathi T						
	Priyadharshini B						
	Sanjeetha S						
15.	Nijanthan Raja RA	Mr. D. Karthik Prabhu	Centralized fault analysis and intimation using IoT	Power system	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Aathavan G						
	Kaliraj R						
16.	Rajakumari J	Dr. K. Karthikeyan	Design of low voltage single phase induction motor	Electrical Machines	Product	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Sankareswari S						
	Selvarani S						
17.	Sachin A	Ms. S. Sharmilakumari	Portable robot for automated cleaning of solar panels	Process control	Product	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Won II prize in project contest Presented a Conference paper
	Santhosh SN						
	Senthil Kumar S						
	Sheik Mohamed A						