

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Academic Year: 2017- 2018 (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, PSOs	Outcome of the Project
1	Ajantha A	Mr. S. Viignesh	Smart solar grass cutter using Arduino	Renewable energy	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Thaarani T						
	Vijayaprabha K						
2	Amarnath P	Dr. K. Karthikeyan	Investment grade energy auditing in a cement industry.	Energy Conservation & Audit	Research	PO1, PO2, PO3, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Roshan V						
	Thangavelpandi M						Published a Journal paper
3	Amathulla Jasila S	Mr. A. Arun Kumar	PV Grid Interconnected Renewable Energy system	Renewable energy	Application	PO1,PO2,PO3,PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Anu Priya S						
	Deve Kala S R						
	Priyanga Gandhi T						
4	Angel Josepha S	Dr. S. Kannan	Intelligent embedded controller for solar power plant	Embedded system & Renewable energy	Application	PO1,PO2,PO3,PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Pavethra T						
	Sharmela S						

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5	Aravinth J	Mr. E. Thangam	VAWT based energy efficient highway lighting system	Renewable energy	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Stephen Franz R						
	Vinoth Kannan S						
	Rajkumar P						
6	Deepadurgadevi M	Mr. A. Arun Kumar	Environmental Pollution monitoring and Display system for cement industry	Process control	Application	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Sathya Priya R						
	Seethalakshmi M						Participated in Project Expo
	Sivagomathi S						
7	Deotus W	Dr. K. Karthikeyan	Autonomous water tank cleaning robot for Indian Household	Embedded system	Research	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Received TNSCST grant of Rs.10, 000. Published a Journal papers. Participated in Project contest and won prize.
	Kathir S						
	Prasad T						
	Prem Kumar P						
8	Dinesh Kumar R	Mrs. S. Jeyanthi	Performance Analysis of a Reduced switch Z-source Inverter	Power electronics	Application	PO1, PO2, PO3, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Published a Journal paper
	Vignesh R						
	Ashok Kumar K						
9	Divyalaxmi B	Mr. S. Viignesh	Arduino & Proteus based protective relay application for the protection of over voltage, under voltage and fault current	Power system protection and Switchgear	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Indhuja S						
	Sankareswari P						Participated in Project Expo
	Subashini M						

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10	Esakkirani M	Mr. N. Ganesh	Voice controlled wheel chair with step climbing capability and health monitoring system	Mechatronics	Product	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Jeyalakshmi J						
	Mahalakshmi A						Participated in Project Expo
	Mathumathi S						
11	Gayathri P	Mr. E. Thangam	Water mist fire extinguisher in cracker industry using PLC	Process control	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper and won best paper.
	Kartheeswari S						
	Priyadharsini K						Participated in Project Expo
12	Hari Prasath M	Mr. N. Ganesh	Integration of the renewable energy resources in micro-grid	Renewable energy	Research	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Muthukrishnan K						
	Ram Kumar G						
	Mariselvam M						
13	Hari Vignesh G	Mr. D. Karthik Prabhu	Detection, Locating and monitoring of fault in a distribution line using LabVIEW	Process control & Automation	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Marieswaran S						
	Sankaralingam B						
14	Jeyavigneshkumar J	Mr. S. Meenakshi Sundaravel	Automatic voltage regulation in power transmission lines using IoT	Power system control	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper and won best paper.
	Ravi Raja R						
	Siva Prakash M						
	Varun Kumar K						
15	Karthikeyan V	Mrs. S. Jeyanthi	Grid based automatic load shedding system	Power system	Application	PO1, PO2, PO3, PO4, PO5, PO8,	Presented a conference
	Madhan Kumar M						

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	Mohamed Asfar S		through wireless using micro controller			PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	paper
	Balamurugan K (19-06-97)						Participated in Project Expo
16	Mohamedsameer A	Dr. S. Kannan	Hand gesture controlled wheelchair for specially abled person.	Embedded system	Product	PO1,PO2,PO3,PO4, PO5,PO6,PO7,PO8, PO9,PO10,PO11, PO12,PSO1,PSO2, PSO3, PSO4	Presented a conference paper
	Chandru G						
	Sudhakar S						
17	Moses Stephen P	Dr. K. Karthikeyan	Modified cascaded multi-level inverter for household appliances	Power electronics	Application	PO1,PO2,PO3,PO4, PO5,PO8,PO9, PO10, PO11, PO12, PSO1,PSO2, PSO3, PSO4	Published a Journal paper
	Ponraj M						Presented a conference paper
	Sathesh N						
	Balamurugan K (16-05-97)						
18	Pandiya Rajan C	Mr. S. Meenakshi Sundaravel	Leakage detection monitoring and control using IoT	Process control	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Siddharth R						
	Vigneshwaran A						
19	Ravi Venkatesh R K	Mr. D. Karthik Prabhu	Embedded based SFCL for industrial grid protection	Power system protection and Switchgear	Application	PO1, PO2, PO3, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Manikandaprabhu P						
	Radhakrishnan R						
	Ragavendra T						
20	Karthik M	Mr. E. Thangam	PLC based automated vertical rotary car parking system	Process control	Application	PO1,PO2,PO3,PO5, PO8,PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Karthikeyan B						
	Vignesh M						