

**RAMCO INSTITUTE OF TECHNOLOGY**  
**Department of Electrical and Electronics Engineering**  
**Academic Year: 2016- 2017 (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	Aashik Ali A	Mr. N. Ganesh	Smart phone controlled robot for industrial monitoring	Embedded System	Product	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Participated & won I prize IEEE Project Contest  Presented a conference paper
	Alagumuthumani A						
	Murali Kumar M						
2	Abinеш A M	Mr. N. Ganesh	Light optimization in working bays	Energy conservation	Research	PO1, PO2, PO3, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Krishnakumar S						
	Mani Bharathi S						
	Tamilselvan P						
3	Abirami S	Mr. A. Arun Kumar	Automated Smart fire fighter using Embedded System	Process control	Research	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Suga Priya B						
	Tharanya M						
	Poornima G						
4	Ambika M	Ms. M. Eswari	Wireless monitoring and controlling of motor parameters using Wi-Fi	Power Electronics	Research	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Belsibai M						
	Bhuvana R						
	Chithra B						
5	Amirtha Priya S	Mr. E. Thangam	Embedded based Secured circuit breaker operation	Protection and Switch gear	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Krishnaveni P						
	Lakshmi Gomathy S A						
	Malathi M						

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6	Athmanathan A	Mr. E. Thangam	Power saving and monitoring in Injection molding machine	Electrical Machine Design	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Sambandham S						
	Sudharson P						
7	Bagyanathan P	Mr. K. Karthikeyan	Communication based train control	Process control	Research	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	-
	Dhanabalan N						
	Selvamani M						
	Subramanian K						
8	Balachandar T	Mr. S. Nirmalkumar	PLC controlled induction motor drive for bias cutting ply.	Electrical Machines	Research	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Velmurugan V						
	Saravana Kumar M						
9	Balamurugan R	Mr. S. Viignesh	Zigbee based metal detection robot	Process control	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Ramakrishnan N S						
	Sri Ramakrishnan G						
	Vijayagopal A						
10	Devi Durga S A	Dr. S. Kannan	Electric Utilization measurement using Wireless Technology	Power System	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Gayathri B						
	Jayasudha R						
	Ponjothilakshmi R						
11	Dhivya B	Ms. M. Eswari	Design of UPQC to improve power quality in distribution system	Power Quality	Product	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Pandiyammal P						
	Prema Sangeetha S						
	Usha S						
12	Fazil Mehamudh S	Mr. D. Karthik Prabhu	Smart Charge Control Based Solar	Power Electronics	Research	PO1, PO2, PO3, PO4, PO5, PO8,	-
	Mohankumar K						

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	Pradeep P		UPS System			PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	
	Tamilselvan Bala Subramaniyan						
13	Gomathee Sivaram P	Mr. S. Meenakshi Sundaravel	Implementation of Fuzzy model predictive control of Boiler-Turbine system	Process control	Product	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	-
	Kalidass K						
	Murugesan K						
14	Karpaga Sivanandam V	Mr. K. Karthikeyan	Material sorting and modification using PLC	Process control	Research	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Mathan Raj P						
	Chithan M						
	Rishikesan M						
15	Manikandan S	Mr. D. Karthik Prabhu	Intelligent traffic controller using Arduino	Embedded System	Research	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Kaleeswaran M						
	Karuppasamy K						
	Muthukumar M						
16	Manonmani M	Mr. A. Arun Kumar	Embedded controller based Power factor improvement	Power Quality & Microcontroller	Product	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Punitha C P						
	Saahithya T						
	Sri Janani JayaprathaV						
17	Prabhakaran B	Mr. S. Meenakshi Sundaravel	Automatic detection of insects in soft drinks using PLC	Process control	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper
	Kamalakkannan V						
	Sampath Raja M						
	Vignesh Balaji R						
18	Prathap Kumar B	Mr. S. Viignesh	Implementation of	Power System	Application	PO1, PO2, PO3,	Participated & won

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	Sivabalan M Sivaramakrishnan N Vignesh S		time based tariff calculation			PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	II prize Project Expo  Presented a conference paper
19	Ragaventhiraa K B	Mr. S. Nirmalkumar	Home automation control using LabVIEW	Automation	Application	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3, PSO4	Presented a conference paper