

Department of Electrical and Electronics Engineering

Research & Development

Industrial Projects

S. No.	Name of the Faculty	Project Title	Agency	Duration / Commencement	Status
1.	Dr. P. Deiva Sundari	Automisation of Green Corridor – EMERGION	Emergency Management & Research Institute, Chennai.	1 Year / Jan 2016	Completed
2.	Dr.P.S. Mayurappriyan	Control Strategies to Overcome Low Voltage Ride Through Problems in Three Categories of Grid Connected Wind Turbine Generators	National Institute of Wind Energy (NIWE), Chennai	1 Year / Sep 2015	Completed
3.	Mr. V. Vinoth	A Novel FPGA Controlled Thirteen Level Inverter for Solar PV System	Steinbeis Solar Research Centre, Chennai	6 Months / Mar 2015	Completed
4.	Dr. P. Deiva Sundari	Harmonic Mitigation In Sensorless Vector controlled VSI Drive With Very Long Motor Lead Using Passive Filter	National Institute of Ocean Technology, Chennai	6 Months / Mar 2015	Completed
5.	Mr. K. Karthikeyan	A Novel Solar Tracking System	SECo, Perungudi, Chennai	6 Months / Jan 2015	Completed
6.	Mr. S. Rajesh	Solar Panel Fuse Monitoring	SunEdison Energy (P) Limited, Chennai	1 Year / Jan 2015	Completed

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In-house Projects

Students are encouraged and sponsored by the Management to do In-house Projects that leads to product development. Some of those projects developed by our students are:

S. No.	Title of the Project	Academic Year
1	Solar Tree	2015 -2016
2	DC Ceiling Grid – A Prototype Model	2015 -2016
3	Design and Monitoring of Uninterruptible Power Supply System	2014-2015
4	Class Room Automation using PIR Sensor and 8051 Microcontroller	2014-2015
5	Solar Powered DC Fan	2014-2015
6	Solar Powered Automated Gas Governor	2014-2015
7	Solar Street Light	2013-2014
8	Solar Powered Vehicle	2013-2014