

EEE – RESEARCH CENTRE

EEE Department has recognized as Research Centre for the academic years 2014-15 & 2015-16 by JNTUK, Kakinada on 4th May 2014.

The faculty members and the students of the Department of Electronics and Eletrical Engineering (EEE) carry out research in all the areas related to EEE. The Department has a sizeable number of M.Tech and PhD students actively engaged in research. Sponsored reaserch projects have been undertaken in collaboration with the government and reputed private organizations. The research activities in the Department are broadly identified under the following three groups:

1. Control systems
2. Power Electronics.
3. Power Systems.

RESEARCH GRANT

Mr.A.Amarendra, Associate Professor, received a provisionally sanctioned financial assistance of **Rs.4,40,000** under *XII plan UGC research minor project scheme* on “**ENHANCEMENT OF POWER SYSTEM SECURITY USING METAHEURISTIC OPTIMAZION TECHNIQUES**” from UGC vide reference number F.No: 4-4/2014-15 (MRP-SEM / UGC-SERO), Proposal No: 687.

DOCTOTARES:

S.No	Name of the Faculty	PhD Scholars	Area of Specialization
1	Dr. M.Siva Kumar	(i) D.Srinivasa Rao (ii) B.Dasu (iii) G.Balaji	Electrical Machines & Industrial Drives Power Systems with emphasis on HVE Electrical Machines & Industrial Drives
2	Dr.L.Ravi Srinivas	(i) A.Amarendra (ii) B. Mahesh Babu	Power System Security Power Quality

FACULTY :

S.No	Name of the Faculty	Area of Specialization
1	D.Srinivasa Rao	Electrical Machines & Industrial Drives
2	A.Amarendra	Power System Security
3	J.L.Santha Kumari	
4	Ch.Sujatha	Electrical Machines & Industrial Drives
5	Md.RafiKhan	
6	K.VindhyaSmitha	Power Systems
7	E.Vargil Kumar	Multi-Input sourced Applications in DC-DC Power Electronic Converters
8	G.Balaji	Electrical Machines & Industrial Drives
9	B. Mahesh Babu	Power Quality

JOURNALS PUBLICATIONS

Mr. B. Dasu: *Model Order Reduction of SISO and MIMO Systems using Particle Swarm Optimization.*: International Journal for Research In Applied Science & Engineering Technology(IJRASET): ISSN :2321-9653, Volume 3, Issue 1, January 2015

Mrs. CH. Sujatha: *An Advanced Current Controller Implemented With ANN Technique for Three Phase Shunt Active Power Filter:* International Journal for Research In Applied Science & Engineering Technology(IJRASET) , ISSN :2321-9653, Volume 3, Issue 1, January 2015

Mr. D. Sunder Singh: *Closed Loop Control of DC to DC Converter with Hybrid Input Sources:* International Journal for Research In Applied Science & Engineering Technology(IJRASET) , ISSN :2321-9653, Volume 3, Issue 1, January 2015

Dr.M.Siva Kumar, Professor & Head, and T.Bala Bhargavi: *Design of Robust Pi/Pid Controller for Two Input Two Output Gas Turbine Application:* International Journal for Research In Applied Science & Engineering Technology(IJRASET): ISSN:2321-9653 Volume 3 Issue III, March 2015