

Faculty Achievements:**Journal:**

- Mr.T.Ravikumar Attended a One week FDP on “Smart Grid Technologies” at Narayana Engineering College, Nellore From 04.06.2018 to 09.06.2018.
- Mr.K.Dayakar Attended a One week FDP on “Smart Grid Technologies” at Narayana Engineering College, Nellore From 04.06.2018 to 09.06.2018.
- Mr.Murali Dasari Attended a One week FDP on “Smart Grid Technologies” at Narayana Engineering College, Nellore From 04.06.2018 to 09.06.2018.
- Mr.G.Subbaiah Attended a One week FDP on “Smart Grid Technologies” at Narayana Engineering College, Nellore From 04.06.2018 to 09.06.2018.
- Mr.Rajesh Attended a One week FDP on “Smart Grid Technologies” at Narayana Engineering College, Nellore From 04.06.2018 to 09.06.2018.
- Dr.A.Jaffar Sadiq Ali Attended a One week Workshop on “Refresher Programme on Solar PV Systems - Design and Performance Evaluation” at Gayatri Vidyaparishad College of Engineering, Vishakhapatnam From 25.06.2018 to 30.06.2018.
- Prof.TNVLN Kumar has Published a paper “Enhancing Power System Security - A Multi-Objective Optimal Approach To Identify Location And Sizing Of SVC”, in IUP-Journal of Electrical and Electronics Engineering (IUPJEEE) 0974-1704.
- Dr.A.Jaffar Sadiq Ali has Published a paper “Bidirectional Quasi Z-Source Inverter Fed PMSM Motor Drive coupled with Wind Energy System”, in Journal of Applied Science And Computations (JASC) 1076-5131 with UGC approved.
- Dr.P.Vinoth Kumar has Published a paper “Bidirectional Quasi Z-Source Inverter Fed PMSM Motor Drive coupled with Wind Energy System”, in Journal of Applied Science And Computations (JASC) 1076-5131 with UGC approved.

Industrial Visit:

The department of Electrical and Electronics Engineering organized a one day industrial for III B.Tech EEE students of batch 2015-19 at Indira Gandhi Centre for Atomic Research (IGCAR), Chennai on 23rd and 24th of March 2018. They were given an orientation presentation followed by the field trips which include the working operation of Fast Breeder Test centre.

The Electronics and Instrumentation section was explained to the students which includes 60,000 input sensors of the nuclear reactor. They are operated with the super computers that are used to calculate the complex logic within fraction of seconds in order to shutdown the entire nuclear reactor process in case if any untoward incident happens. The students gained knowledge on the operation of the nuclear power plant and what are the job positions available in them and procedure for entrance in IGCAR. Two faculty member Dr.A.Jaffar Sadiq Ali and Mr.D.Murali engaged along with the students.



➤ Student Achievements:

- Ms.P.Sree vidya has presented a Paper presentation on “Laplace transforms “ @ Srujana 2k18-sound foundations, GIST, Gangavaram on 13-04-2018.
- Ms. Shaik Karishma has presented a Paper presentation on “Over Population and Environmental Issues “ @ Srujana 2k18-sound foundations, GIST, Gangavaram on 13-04-2018.
- Ms. Annam Lalitha has presented a Paper presentation on “Next Generation Fuel “ @ Srujana 2k18-sound foundations, GIST, Gangavaram on 13-04-2018.
- Ms. Karna Anusha has presented a Paper presentation on “Laplace transforms “ @ Srujana 2k18-sound foundations, GIST, Gangavaram on 13-04-2018.
- Ms. Mannepalli Deepika has presented a Paper presentation on “Next Generation Fuel “ @ Srujana 2k18-sound foundations, GIST, Gangavaram on 13-04-2018.

Vision

- To emerge as a competent learning centre producing prospective Engineers.

Mission

- Provide conceptual and practical education through effective teaching-learning strategies.
- Establish adequate Infrastructural support for enhanced learning.
- Interact with industry for upgrading professional skills including smart grid.
- Organise personality development activities for life skills and ethical values.



NEWS LETTER

FUSION CHRONICLE

“Powering Nations”

The Electrical and Electronics Engineering Department, established in the year 2008, has been well structured. The department is running with well qualified, dedicated and experienced faculty. All faculty are with minimum M.Tech qualification to fulfill the aspirations of student community. It is offering B.Tech. (EEE) programme with an annual intake of 60 and providing outstanding facilities for all the students to learn innovative technologies. The department has exclusive departmental library with large number of titles and volumes. The library has Intranet/Internet facilities to access AUTOLIB, OPAC, NPTEL and online journals. The department is having full-fledged laboratories to meet the requirements of curriculum. The department is also having projects and R&D lab with 10 systems running with updated software.

The department is having the following well equipped laboratories

Electrical Machines & Power Systems, Electrical Circuits & Measurements
Control Systems & Power Electronics, Electrical networks & Simulation
Projects and R&D lab.

Editorial Board:

Chief Editor: Prof. TNVLN Kumar, HOD

Editors: 1. K. Dayakar, Assoc. Professor. 2. K.V. Ravindra, Asst. Professor.

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3. D.Meghana, (II EEE) 4. Sk.Shanwaz, (II EEE)