

HOD Message

Electrical and Electronics Engineering, one of the core engineering branches, is the most sought after branch even by the toppers and higher rank holders at the time of admissions in IITs, NITs, Government and private engineering colleges.

Our department has a team of qualified faculty and we are striving hard continuously to improve upon the quality of education and to maintain its position of leadership in engineering and technology. We always work with the motto “Nothing can be achieved without genuine effort”. The core values of the department help the students to develop their overall personality and make them worthy technocrat to compete and work at global level.



Department Profile

The Department of Electrical and Electronics Engineering was formed in the year 2008. The department has started various programmes with an initial intake of B.Tech 60 in the year 2008, M.Tech(Power Systems Control and Automation) 24 in the year 2014. The department has qualified teaching staff with 2 Ph.Ds and 9 M.Tech's. The faculty members are involved in research activities and published/presented papers in national and international journals and conferences.

The growth and progress of Medium and large scale Industries depend upon the expertise provided by the Specialists. With rapid Industrial growth in the Country the requirement of electrical engineers has tremendously increased in Power Sector and Industries in private, PSUs and Government companies. It resulted in opening of enormous opportunities for graduate Electrical Engineers.

Vision

To be a hub for imparting knowledge, skills and behavior for exemplary contributions in the field of Electrical & Electronics Engineering

Mission

1. To impart technical education through the state-of-the-art infrastructural facilities, laboratories and instruction
2. To inculcate industry-oriented learning through industrial visits, internships, projects at industries, MOUs, to make students technically skills oriented
3. Creating conducive environment for higher education, employment and entrepreneurship through quality education, professional skills and research
4. To promote societal commitment among students by inculcating moral and ethical values

Dr.R.S.R.Krishnam Naidu

Head of the Department
Electrical and Electronics Engineering

The Department of Electrical & Electronics Engineering encourages all the students of the department in conducting various curricular and co-curricular activities. It believes that apart from the academics, a student should build up his/her strengths and become a better citizen in the society. It also provides the proper guidance to the students to achieve their goals and fulfill their dreams.

The various events conducted in the Department of Electrical & Electronics Engineering are as follows.

Events Organized:

- Celebrated "National Energy Conservation Day" on December 14, 2020
- Organised a Guest Lecture on “Annual Revenue Requirement - Tariff Systems & Calculations”, on February 11, 2021

One day Guest Lecture
By
KONDAPALLI
VASUDEVA RAO
Chief editor,
EEG-Samacharam,
On



Annual Revenue Requirement - Tariff Systems & Calculations.

Organized by Department of Electrical & Electronics Engineering
On Feb 11th 2021
Contents @ 3 PM seminar Hall-1

- 1. Introduction to Power Sector.**
- 2. Brief overview about APERC (Andhra Pradesh Electricity Regulation Commission).**
- 3. Annual Revenue Requirement (ARR) Calculations for Power Generation, Transmission & Distribution).**
- 4. Tariff systems and Calculations.**

<u>Coordinator</u> Mr.A.Yellaji, Asst.Prof.	<u>Convener</u> Dr.R.S.R.Krishnam Naidu, HOD-EEE.
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- Organized a two-day Industrial Motivational Campaign by taking the support of MSME Development Institute during February 23-24,2021, under Industry Institute Incubation Cell (IIIC)



New Recruitments:

1. Bala Raja Ram, June 2020
2. B. Divakar, January 2021

Faculty Publications:

1. Nuthalapati Y., Naidu R.S.R.K., “A Novel Modulating PID Controller for a Speed Control of BLDC Motor Adopting Flower Pollination Algorithm” vol 702, Springer, pp 159-168, ISBN:978-981-15-8439-8, 2020.
2. Naidu R.S.R.K, Mahesh P, Shamik Chatterjee “Integration of Hybrid Controller for Power Quality Improvement in Various Energy Sources” Journal of Cleaner Production (Accepted). 2021
3. Usha Rani V., “Stability Analysis of a Grid Connected Microgrid Under Numerous Fault Conditions Based on Centralized Digital -Controlled HESS”. 2020 IEEE Conference, DOI:10.1109/IICEPE50861.2021.9404401,2021

Projects & Patents

- Design of IOT based bladeless fan using Peltier module



- Quad Copter (Drone),



- Touchless Hand Sanitizer,



- Automatic Sanitizer



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