

FDP ON "SCADA Applications in Power Systems":

A one week Faculty Development Programme on “SCADA Applications in Power Systems” was organized by Department of Electrical & Electronics Engineering at Narayana Engineering College, Nellore, from 01st to 06th July 2019, at EDISON Auditorium in Faraday Block, NEC, Nellore.

The Resource person of this Programme, was R Krishna chaitanya, Director, RK Automation, 61 faculty members attended this program, out of this 24 members were from dept. of EEE and 37 members were from other colleges. the FDP begins with Registration & Inauguration, after a break the resource person started with introduction of the program objectives to the participants. Afternoon session covered the different features of SCADA & their applications. On the Last day of the Programme Resource person has discussed about control systems that monitor and control industrial applications such as manufacturing facilities, oil production and processing, pharmaceuticals, energy, water treatment and distribution, and the list goes on.

All the participants have appreciated the department for organizing the FDP. Program was ended with vote of thanks by Mr. U. Naresh Babu, Assoc. Prof. EEE Dept. & Coordinator of the FDP. At the end of the valedictory program, certificates were distributed to the participants.



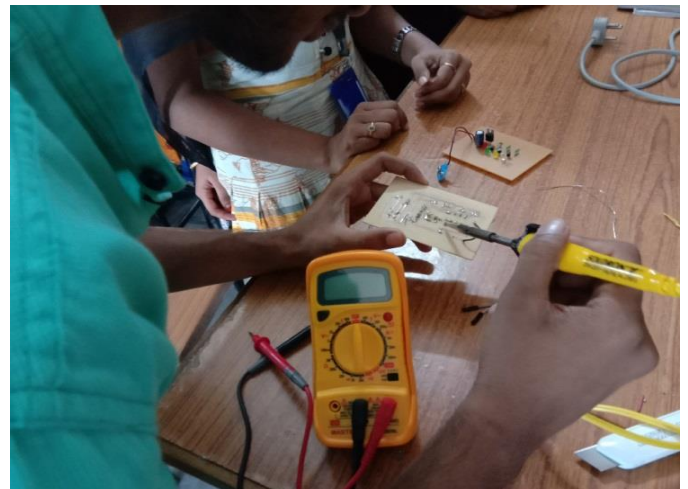


workshop on Circuit Debugging:

The department of EEE has organized “**One day workshop on Circuit Debugging**” on 17.08.19. Students of III Year B.Tech EEE students are participated in this Programme.

Circuit Design Workshop will enable to design own circuits for a given application. This hands-on workshop improves students circuit design skills. Circuit Design is an inevitable part of any electronics engineering. It have huge application in areas like embedded systems, power electronics, modern Electrical systems, instruments etc. Engineers in fields such as electronic, electrical systems and instrumentation should learn Electronics Circuit Design and Development for their works to complete. So learning this during the graduation course will be beneficial for the career of students and even help them to develop their academic projects.

Circuit Design workshop is systematically designed so that the students can understand the basics well and can design their own circuits based on specific requirements. During the course of the workshop the participants will get insights into Development of Specifications, Circuit designing concepts, Importance of Datasheet reference, prototyping, soldering and debugging the circuits.



Technical talk on “EEE Importance around globe and core job awareness”:

The Department of Electrical and Electronics Engineering had organized a Technical talk under IIC on “**EEE Importance around globe and core job awareness**” on 19th August 2019 between 10.40 AM to 12:30 PM in ShanonSeminar Hall, Faraday’s Block. The Resource person of the Technical Talk was SK. Amenuddin, Field operation Manager, ETCAM Institute of EEE Engineers, TCCGES Pvt.Ltd. Nellore. Around 72 students from the Department of Electrical and Electronics Engineering attended the Technical Talk



Awareness program on GATE :

An interactive session on Gate-2020 under career Guidance cell was organized by the Department of Electrical & Electronics Engineering on 30st August 2019 at Narayana Engineering college, Nellore. Sri S.BalaMurugan, Manager, Gate Digest institute Academy elaborated the importance of GATE Competitive exam to the students. They emphasized on study material for the exam, GATE Question Bank Android Application, stipend, PSU, IIT's and how GATE can help to study in Foreign universities. They showed keen interest to help the students to crack the exam. This session was helpful to all the students of the department. Before concluding ,Our HOD DR.G.Venkateswarlu expressed his sincere gratitude and appreciation to the speaker who have raised this occasion with their presence here today.



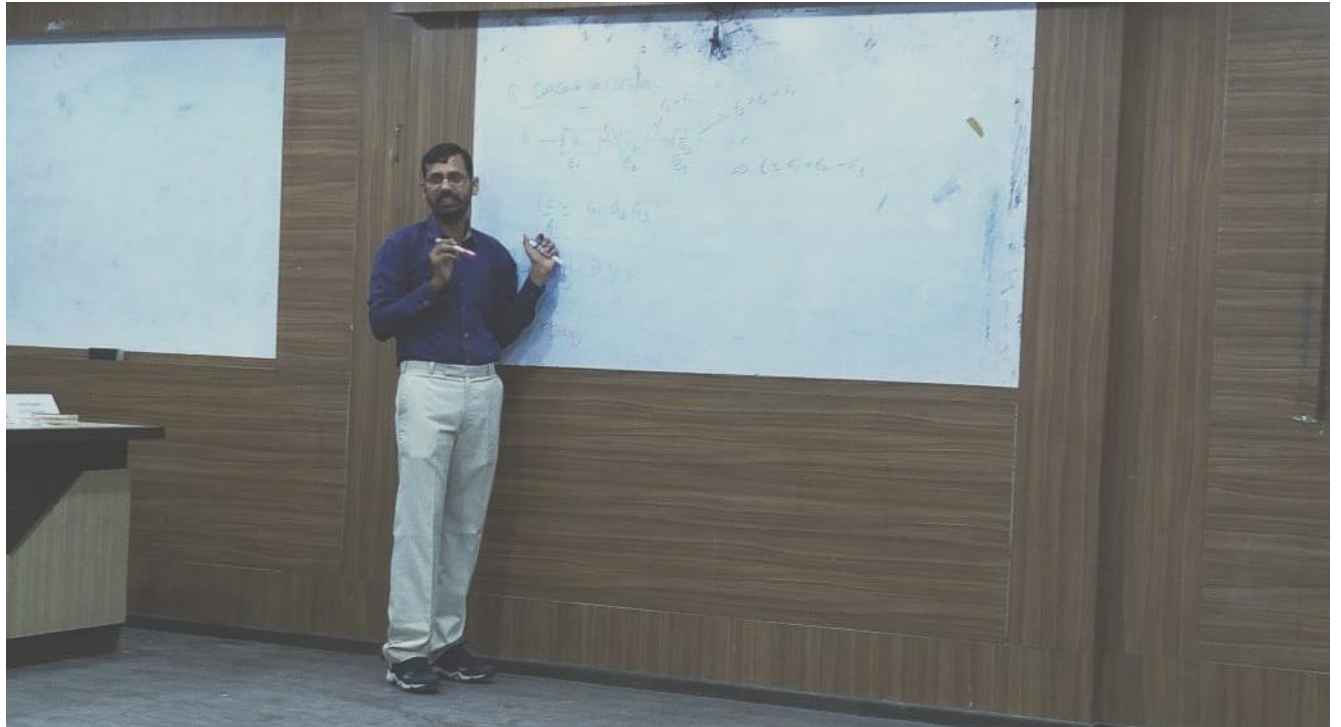
Technical talk on “Modern Trends in Electrical Machines and its Design”:

The Department of Electrical and Electronics Engineering had organized a Technical talk under IIC on “Modern Trends in Electrical Machines and its Design” on 16th Sept 2019 in Edison Auditorium, Faraday’s Block. The Resource person of the Technical Talk was Sri Vinod Parasa, GATE Academy institute ,Vijayawada. Around 85 students from the Department of Electrical and Electronics Engineering attended the Technical Talk. In this they discussed about electrical machine design was equivalent to investigating the electromagnetic performance. Nowadays, thermal, rotor dynamics, power electronics, and control aspects are included. The material and engineering science have introduced new dimensions on the optimization process and impact of manufacturing, and unavoidable tolerances should be considered. Consequently, multifaceted scenarios are analyzed and improvements in numerous fields take effect.



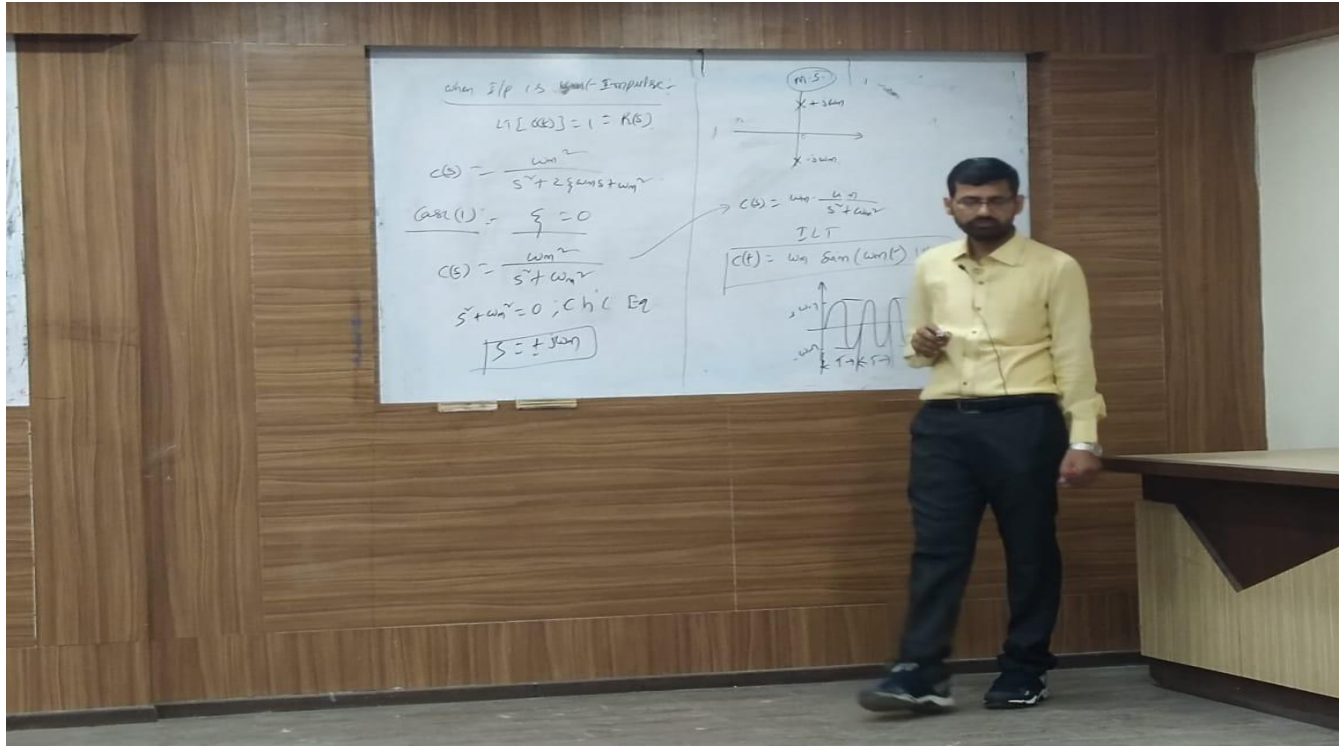
Guest lecture on Mathematics:

The Department of EEE has Organized a Guest lecture on “**Mathematics**” for the Students of II,III &IV EEE on 19/9/2019 & 20/9/2019. The session was conducted by J.Venkata Naidu, Gate revolution , Chandigarh. In this session they discussed about important topics in Mathematics and many simple logics,that are useful to write GATE and other competitive exams.



Guest lecture on Control Systems:

The Department of EEE has Organized a Guest lecture on “**Control Systems**” for the Students of II,III &IV EEE on 28/9/2019 to 30/9/19. The session was conducted by A.Ravi ,Gate revolution , Chandigarh. In this session they discussed about important topics in Electrical Circuits that are useful to write GATE and other competitive exams.



9. Guest lecture on Career awareness on Electrical Engineering Jobs:

A “Career awareness on Electrical Engineering Jobs” was organized at Narayana engineering college, Nellore, for the students of III B.Tech EEE students on 11/10/19. The session was conducted by our college Alumni Mr. Sk. Gayaz for II EEE students and he shared his knowledge with students. In this session he enlightened the students how to face an interview and the strategies to be adopted. He mainly focused on opportunities available in the Government sector especially for those pursuing Electrical engineering.



Guest lecture on Mathematics:

The Department of EEE has Organized a Guest lecture on “**Mathematics**” for the Students of II,III &IV EEE on 10/10/2019. The session was conducted by J.Venkata Naidu, Gate revolution , Chandigarh. In this session they discussed about important topics in Mathematics and many simple logics, that are useful to write GATE and other competitive exams.



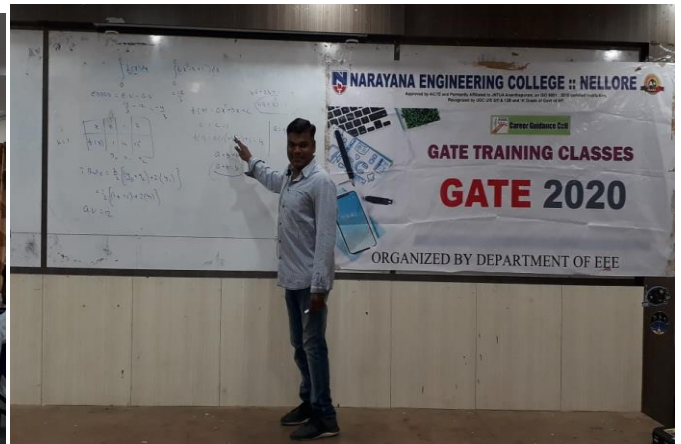
Technical Talk on Electrical Designing and Installation:

A Technical Talk on Electrical Designing and Installation was conducted by Electrical and Electronics Engineering department in Association with AMI Engineering & Installation at Edison Auditorium, B-Block, Narayana Engineering College, SPSR Nellore. Dr. G. Venkateswarlu, HOD, Dept.of EEE, Extended his Greetings to Mr.R.Muragan, Senior Engineer, AMI Engineering speaker of this program and introduced the program to all participants. Total Number of Students attended was 121. This program was co-ordinate with the help of 5 Faculty members The seminar was chaired by Mr.R.Muragan. In this session they discussed about Design of Electrical networks, Specifications & Installation of Electrical Designing and Hardware components of Distribution systems.



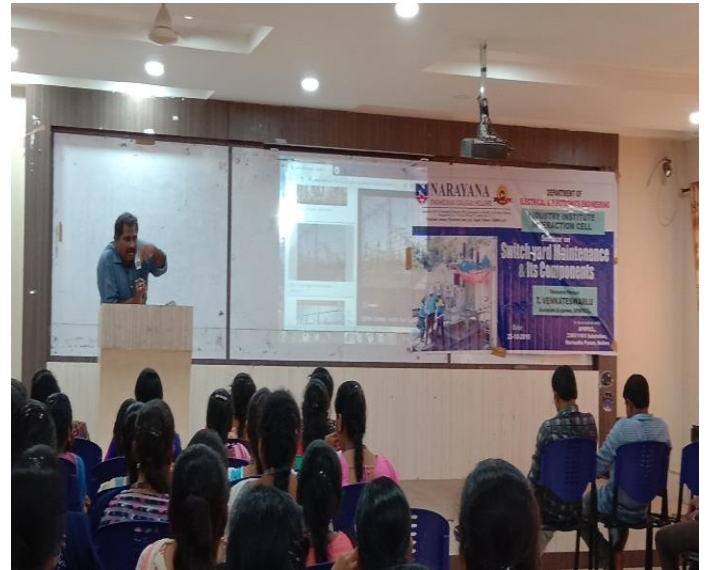
Guest lecture on Electrical circuits:

The Department of EEE has Organized a Guest lecture on “**Electrical circuits**” for the Students of II,III &IV EEE on 19/10/19 to 21/10/19. The session was conducted by Vinod parasa, Gate revolution Chandigarh. In this session they discussed about important topics in Electrical Circuits that are useful to write GATE and other competitive exams.



Seminar on “Switch Yard Maintenance and its components”:

The Department of Electrical and Electronics Engineering had organized a Seminar on “Switch Yard Maintenance and its components” on 25th October 2019 between 10.00 AM to 11.30 AM in Edison Seminar Hall, at Faraday’s Block. The Resource person of this seminar was T.Venkateswarlu, Assistant Engineer, APSPSDCL, Nellore. Around 112 III B.Tech students from the Department of Electrical and Electronics Engineering attended this programme. In this seminar they discussed about Introduction to switch yard, Difference between switch yard and switch gear, Layout of switch yard.



Seminar on "Power system SCADA and smart grid" :

The Department of EEE has conducted "One day Seminar on "Power system SCADA and smart grid" on 26.10.19 that is on Saturday on behalf of ISTE Professional association and Faraday's Spark club. Students of IV Year B.Tech EEE students are participated in this Programme.

Prof. G. Venkateswarlu, HOD, Dept.of EEE, welcomed the participants and gave introduction to the programme to all. Around 105 Students have participated in this programme. This programme was co-ordinated with the help of 2 Faculty members. The seminar was chaired by Mr.S.SelvaRajan, General Manager, Prolific systems abd Technologies Pvt.Ltd. The resource person was discussed about Power System SCADA and Smart Grids brings together in one concise volume the fundamentals and possible application functions of power system supervisory control and data acquisition (SCADA).

