



News Letter

LIET



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VISION

The Electrical and Electronics Engineering Department strives to be recognized globally for outstanding education and research leading to dynamic, vibrant and well-qualified engineers, who are innovative, entrepreneurial and capable of conducting contemporary research in cutting edge technologies.

MISSION

- ❖ *Provide high quality innovative education at the undergraduate and graduate level.*
- ❖ *Prepare graduates for the high technology field by promoting lifelong learning, technical expertise, ethical standards and leadership qualities*
- ❖ *Create an ambience of knowledge vibration that inculcates the zeal and desire to excel in academics for the staff and student.*
- ❖ *Provide expertise and resources that enable staff and students to generate new ideas and technology.*

FROM PRINCIPAL DESK

The current scenario in the local, national and international level is of intense competition with equal opportunity to all. The world has grown phenomenally in the past decade than ever before. Education which has always played an important role in the life of man has gained a lot of importance. In the present times it is not only, 'what you have' but 'how much you know' determines your success. Training and placement department of our college helps students in making them aware about the various job opportunities in their respective fields with the aid in applying for the jobs and conducts campus interviews to recruit them when they are in final year of their graduation. Our aim is to impart the best of the knowledge and technical, how to our students with required inputs, and the desire and ability to learn, lead and excel to make them responsible and respected citizens of India. We will be pleased if we receive any suggestion regarding our improvement

*Dr. C V Narasimhulu
Principal, LIET*

FROM HOD DESK

It's immense pleasure to present this semi-annual newsletter "Exuberance". Electrical and Electronics Engineering department is the dynamic and vibrant department with the blend of young and experienced faculty. Department is actively involved in academic as well as research work in current areas of Electrical and Electronics Engineering and multi-disciplinary streams. The department has well equipped labs with the state of art software, hardware and machineries. The faculty members are constantly publishing technical papers in national and international journals and conferences. Also, they are involved in consultancy activities. The department is fortunate to have dedicated teachers, devoted students, and committed supporting staff and expert technical staff. Specially, I congratulate my students to participate in various extra-curricular activities, research work and competitive exams. My best wishes to all for their bright carrier and successful life.

*Dr. Ch. Santhan Kumar
Department of EEE*

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ONE DAY WORKSHOP ON MEP

Mr. Narsimhulu, Principal LIET has addressed the gathering and he motivates the students towards the core jobs and explained how to enhance their soft skills as well as practical skills. and he appreciate the HOD and coordinators for wonderful workshop.

Mr. Santhan Kumar, HOD Department of Electrical and Electronics Engineering has welcomed all the students and faculty.. He introduced the speaker and he explained the main objectives and goal of the workshop. He explained the topic of workshop **MEP** .and how we achieve core jobs on MEP. And the workshop started with the speaker

The speaker Mr.B.SRINIVAS gives the information about institute and he explained how the student's achieve core jobs in MEP. He briefly explained about design and drafting of electrical engineering and motivates the students towards core jobs. he gives the practical executions on design and drafting , By the end of the workshop Mr. Santhan kumar HOD EEE convey the thanks by giving the token of honor to the speaker



SEMINAR ON CARRIER OPPORTUNITIES FOR CORE ENGINEERS

Mr. Narsimhulu, Principal LIET has addressed the gathering and he motivates the students towards the core jobs and explained how to enhance their soft skills as well as practical skills. And he appreciates the HOD and coordinators for wonderful Career Opportunities for Core Engineers.

Mr. Santhan Kumar, HOD Department of Electrical and Electronics Engineering has welcomed all the students and faculty. He introduced the speaker and he explained the main objectives and goal of the Career Opportunities for Core Engineers. He explained the topic of Career Opportunities for Core Engineers .and how we achieve core jobs. And the Seminar started with the speaker.

The speaker Mr.K.MADAN MOHAN gives the information about institute and he explained how the student's achieve core jobs Career Opportunities for Core Engineers. and motivates the students towards core jobs. By the end of the Seminar Mr. Santhan kumar HOD EEE convey the thanks by giving the token of honor to the speaker.



PARENT TEACHER MEETING

The Parent Teacher Meeting for B.E. 4th and 6th Semesters was organized on 04/06/2022 to discuss about students' progress and performance at the institute. The goal was to build a healthy relationship with the students and parents. The parents were intimated about the meeting well in advance through mentor. The meeting was scheduled at 10:30 AM in Room No. 419, 4th Floor, Department of EEE, Main Building, Lords Institute of Engineering and Technology. Parents started reporting at 10:30 AM. at 10:30 AM, Dr. Ch. Santhan Kumar Sir, Head of the Department, introduced parents with the vision and objectives of the department for the academic year 2021-2022. He requested parents to continuously observe the performance of the ward and motivate him to attend all classes.

He said, the class mentors Mr. M. Ankush Kumar, Mr. Yellaiah Ponnamm and Ankush kumar will be communicating the student's performance to the parents every Saturday. He also requested parents to communicate with mentors for any complaints or requests. During this session the refreshments were provided to the parents.

Thereafter Class mentors interacted with individual parent and student. They have presented the student's last semester progress, the present semester attendance and his complete academic record to the each parent. They also tried to answer the queries like schedule of previous semester external examinations, present semester internal examinations, mode of examinations will be either online or offline, conduction of practical experiments of current semester and future events planned in the department. Total of 11 parents participated in the Parent – Teaching Meeting. Many of the parents could not attend due to different reasons like some belong to other states Bihar, Madhya Pradesh and some belong to far places like Adilabad, Nirmal, Vishakhapatnam etc., one of the parent was not feeling well.

This meeting has helped parents to get awareness of the rules and regulations of the institute, teaching learning methodologies for online teaching and various activities going on for overall student welfare. There was one to one session between parents and student mentors for analyzing students' performance and steps necessary for the improvement of their wards' skills. Parents expressed their gratitude and enthusiasm for this interactive session with the faculties so that they can know better about their wards performance at the institute.

The meeting came to an end with the conclusion that the progress and development of the students depend on the joint efforts of parents and teachers. For this purpose, parents agreed to keep a close vigilance on the actions of their ward and to keep in constant touch with the mentors. The feedback and the undertaking from parents are collected on separate sheets enclosed. Few of the photographs of the events are attached hereafter



Faculty Interaction with Parents on Students Performance

WEBINAR ON RECENT ADVANCES IN RENEWABLE ENERGY SYSTEMS

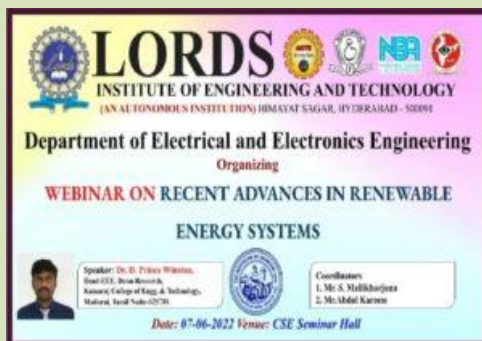
Webinar on recent advances in renewable energy systems methodize successfully by department of EEE at Lords Institute of engineering and technology Hyderabad.

The webinar started with welcome address by the Principal Dr. C. V. Narasimhulu Sir, He has addressed the gathering and motivated the students towards the recent advances in renewable energy systems and he also explained how to enhance their technical and practical skills and He appreciated the HoD and entire faculty of EEE department for ad admirable webinar.

The webinar further proceeded by Dr.Ch.Santhan Kumar, HoD/EEE. He welcome all the attendees and introduced the speaker and he also explained the main objectives and informed that the intent of the webinar. The webinar is started with the speaker.

The speaker Dr.Prince Winston has started his presentation on recent advances in renewable energy system.

- Types of Non Conventional Energy Sources
- Solar PV System
- Maximum Power Point Tracking techniques
- Partial Shading Effect
- Application of solar energy



FACULTY ATTENDED WEBINARS

S.No.	Name of the Faculty	Title	WEBINAR	Date(s)	Conducted by
1.	Ms.P.Amuthini	Personality development (online FDP)	Webinar	06 jun2022 to 10jun2022	ICT Academy

FACULTY NPTEL CERTIFICATION

S. No.	Name of the Faculty	Title	Course	Date(s)	Conducted by
1	Mr. Ankush kumar	NPTEL Certificate on The Joy of Computing Using Python	NPTEL	Jan-Apr 2022	IIT MADRAS
2	Mr. Rajani Venkata Krishna	NPTEL Certificate on The Joy of Computing Using Python	NPTEL	Jan-Apr 2022	IIT MADRAS
3	Mr. Yellaiah Ponnamp	NPTEL Certificate on The Joy of Computing Using Python	NPTEL	Jan-Apr 2022	IIT MADRAS

INDUSTRIAL VISIT

An industrial visit to “KOTHAGUDEM THERMAL POWER STATION”, Kothagudem, Palwancha, Telangana was organized by the Electrical and Electronics Engineering (EEE) Department on Friday i.e., 10.06.2022. The students of II Year and III Year EEE branch and the faculty of the EEE department attended the industrial visit. 15 students from II year EEE and 25 students from III year EEE along with 3 faculties from the EEE department visited the Kothagudem Thermal Power Plant. In this visit the students were interested to observe the power generation process and the generator size and design.

The plant is 325 km away from the institution. The travel to the plant was started at 6:00 AM from institutional head office, Mehdipatnam. The team reached the plant at 2:30 PM. In half-n-hour i.e., up to 3:00 PM all formalities for visiting the plant were completed and the team was taken to the Centralized control room.

In the control room, students were divided in to three batches. Each batch was associated with an Assistant Engineer. Engineers explained the overall block diagram of plant and its control aspects theoretically with the help of computer screens. Further, they directed us to field and they have taken us to floor 16. From 16th floor, they explained us about the flow of coal from storage to bunkers then to mills and finally to boilers. Engineers showed us the boiler compartment by opening its window. Further, they explained the flow of steam from boilers to turbine. These turbines were mechanically coupled with the alternators. Thereafter, engineers taken us to cooling towers and described the work of cooling towers. Near cooling towers we thanked engineers by honoring them with college memento.

The visit was very much helpful for all the students to understand the process of generating electricity based on thermal energy with its different parts. The visit also explained the importance of coal, water and steam in generating electricity. The visit to plant completed at 7:00 PM. The return travel to institution started at 7:30 PM. The team reached the institutional head office, Mehdipatnam at 5:00 AM, 11.06.2022. The industrial visit to Kothagudem Thermal Power Station was conducted successfully. Following are the pictures of the team attending the plant.



PROJECT EXPO 2K22

Lords Institute of Engineering and Technology, Hyderabad is established in 2002 and reached greater heights over the years. Lords Institute of Engineering and Technology is approved by AICTE, Affiliated in Osmania University. Lords Institute of Engineering and Technology is the only minority institute to be accredited by NAAC 'A' Grade, thrice by NBA and conferred with Autonomous status for a period of 10 years from 2021-22 to 2031-32.

The Department of Electrical and Electronics Engineering is established in 2003, It is accredited by NBA, department has highly qualified faculty members and equipment with highly sophisticated equipment.

A Project Expo 2k22 is organized by EEE department on 02-07-22 to exhibit the innovations done by final year students in fulfilling their major project requirements. Project Expo is inaugurated by Honorable Secretary **Mrs. Rizwana Begum**, the Principal **Dr C V Narasimhulu** and **Dr Ch Santhan Kumar**, HOD, EEE.

Innovative projects developed by students in most promising areas of Electrical Engineering namely Electric Vehicles, Renewable Energy and many other solar applications like Solar based heat dryer, Stand Alone Solar Tree, Solar Powered Automated Greenhouse, Solar based rain fall monitoring and night lighting in agricultural fields and Multichannel agricultural sprayer under the guidance of EEE faculty. Final year students has participated and exhibited their innovations to the management, the Principal, Deans, HoD's and faculty from various departments.

All the professors appreciated our student efforts and have given suggestions for taking innovations to the next level and towards participating in national level Hackathons. Best projects are nominated by the professors, secretary madam congratulated all the winners followed by certificate and prize distribution.



CHIEF EDITOR	STUDENT EDITOR
Dr. CH.SANTHAN KUMAR Assoc Prof. & HOD-EEE Ms. MAHAMMAD NAGMA ARSHIN Asst. Prof- EEE	MD. ARSHAD AYUB III ^{YR} EEE MOHD. FAISAL II ^{YR} EEE

College Website: www.lords.ac.in

Department Website: <https://www.lords.ac.in/electrical-and-electronics-engineering/>