



Newsletter

EEE



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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 under graduate 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 Zealand 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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Parent Teacher Meeting

The Parent Teacher Meeting-1 for B.E. III, V and VII Semester was organized on 17/12/2022 to discuss about student's 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 telephone by class in charge and mentor.

Activities during the event:

Event Inauguration:

The meeting was started at 10.00 AM in Smart Class Room (Room No. 303), III Floor, Department of EEE, Main Building, Lords Institute of Engineering and Technology. Parents and dignitaries were gathered by 10.10 am.

A speech by class in-charge:

Class In-charges addressed the Gathering and informed parents about the Schedule of Parent- Teacher to the Gathering as mentioned above.

A speech by Head of the Department:

Head of the Department Dr. Ch Santhan Kumar, Associate Professor, EEE Department Addressed the Gathering and informed parents about the Event planned in the next semester by the department.

The following are the events Planned:

1. Highly Qualified and Experienced faculty will deal the subjects for II EEE in III Semester.
2. Industrial Visits are planned to bridge the gap between industry and academics.
3. Gaps will be identified in subjects and gaps will be delivered by conducting guest lectures by experts from reputed organizations.
4. NPTEL is made mandatory to all students.
5. Micro Project is planned for II EEE students to enhance problem solving ability and project skills.
6. Project Expo will be conducted to exhibit student projects.
7. Tech-fest will be planned to promote Curricular, Co-curricular, and Extra Curricular activities.
8. A special soft skills training is conducted from II-year level to meet the current industry needs.
9. Student mentoring system is strengthened; student's performance will be intimated to parents on regular basis.

A speech by the principal:

Principal Dr. C V Narasimhulu, Professor addressed the gathering and informed rules and regulations of the college, importance of the parent teacher meeting and motivated the students to maintain regularity and punctuality.

Department Visit:

Parent and students visited the Department facilities such as laboratory, class rooms, library etc., Mr. Ashok Kumar and Ms. P Keerthi accompanied the parents and students while the visit.

Break Time: (12:30 PM to 01:30 PM)

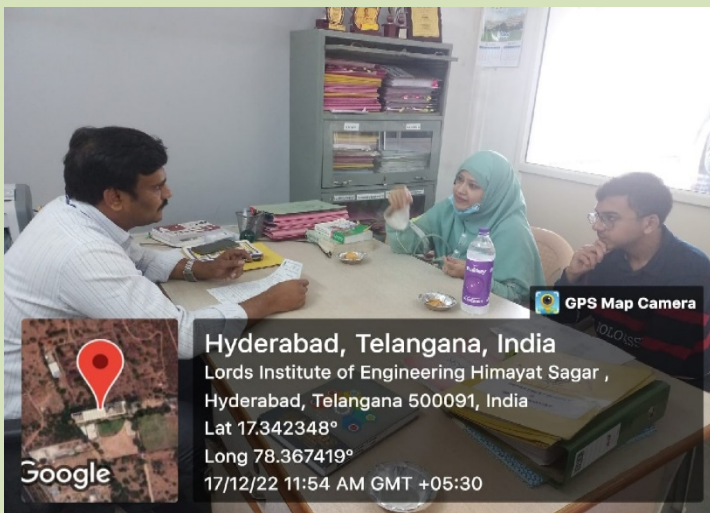
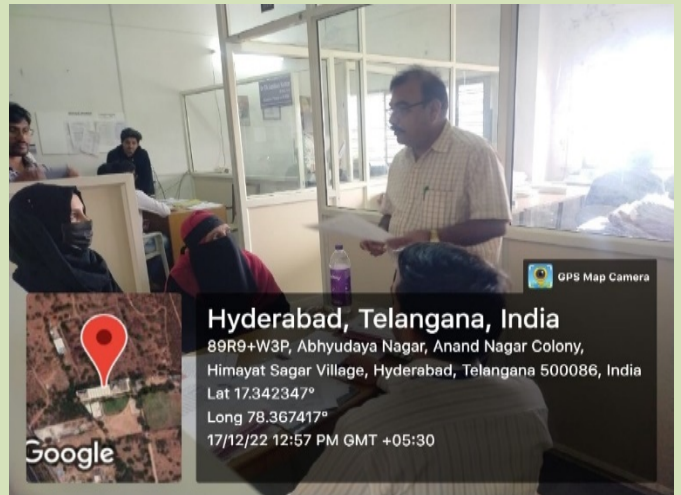
Tea and snacks provided to the Parents and students by the department.

One to One Parent Interaction:

Class In-charge, Mentor and Head of the department engaged the parents in One-to-One Parent Interaction. In this session Progress Report of the students in the previous and current semester, current semester is given to the parents. Clarified the doubts asked by the parents and also feedback taken from the parents.

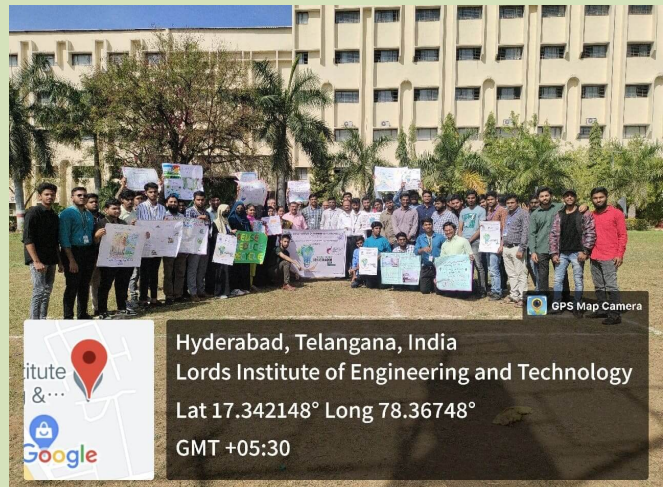
Vote of Thanks:

Mentor and Class In-charge, Mr. Yellaiah Ponnamm given vote of thanks, "by thanking all the parents who participated in the event and expecting the same kind of support in future" and concluded the meeting.



National Energy Conservation Day

On Occasion of National Energy Conservation Day, EEE department along with Students organized under Institutions Innovation council (IIC). An Activity conducted on 'Awareness program on National Energy Conservation', by head of the department Dr. Santhan Kumar along with students of EEE. It was attended by Principal C.V. Narasimhulu, Dean I year and also dean of faculty Dr. Nawazish Mehdi, Dean IQAC Dr. Anitha Patil with more than 300 students and faculty coordinator Ms. Nagma Arshin.



Industrial Visit to Pochampad Hydroelectric Project (36 MW) Nizamabad District, Telangana

An industrial visit to “POCHAMPAD HYDROELECTRIC PLANT”, Nizamabad, Telangana was organized by the Electrical and Electronics Engineering (EEE) Department on Friday i.e., 28.10.2022. The students of II Year III Year and IV EEE branch and the faculty of the EEE department attended the industrial visit. 17 students from II-year EEE 11 students from III year EEE and 12 students from IV year EEE along with 3 faculty from the EEE department visited the Pochampad Dam. In this visit the students were interested to observe the power generation process and the Turbine size and design.

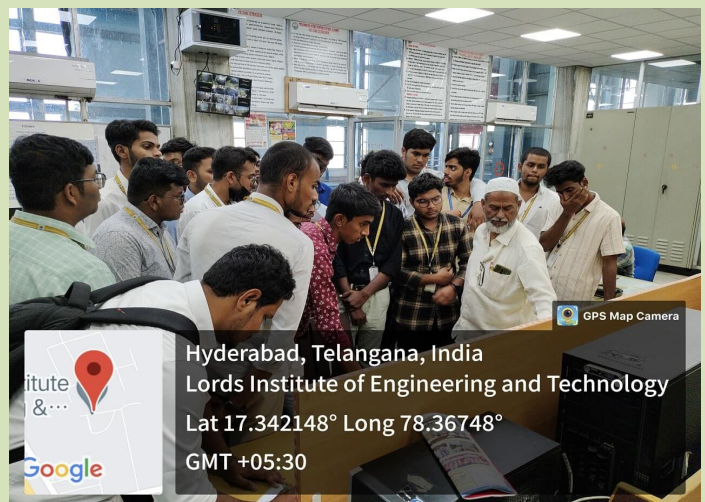
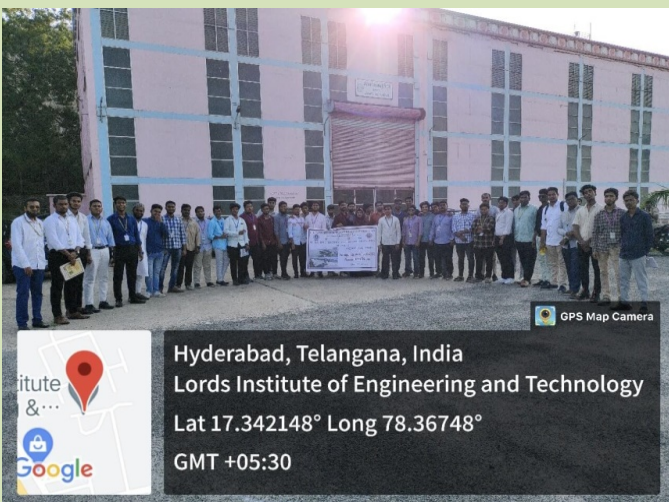
The plant is 220 km away from the institution. The travel to the plant was started at 6:00 AM from institutional head office, Mehdiapatnam. The team reached the plant at 2:30 PM. In half-n-hour i.e., up to 3:00 PM all formalities for visiting the plant were completed and the team was taken to the Centralized control room.

In the control room, students were divided in to two 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 dam, they explained us about the intake of water to the turbine. Engineers showed us the turbine operation. Further, they explained the flow of water from penstock to turbine. These turbines were mechanically coupled with the alternators (or) prime movers. Thereafter, engineers had taken us to switch yard. And they explained entire sections of transmission. Near dam 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 hydel energy with its different parts. The visit also explained the importance of water in generating electricity. The visit to plant completed at 6:00 PM. The return travel to institution started at 6:30 PM. The team reached the institutional head office, Mehdiapatnam at 11:30 PM, 28.10.2022.

The industrial visit to Pochampad dam was conducted successfully. Following are the pictures of the team attending the plant.





Project Expo2K22

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 have participated and exhibited their innovations to the management, the Principal, Deans, HoDs 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.



FACULTY NPTEL CERTIFICATION

S. No.	Name of the Faculty	Title	Course	Date(s)	Conducted by
1	Mr. Yellaiah Ponnamm	NPTEL Certificate on Python for Data Science	NPTEL	Jul-Aug 2022	IIT MADRAS
2	Mr. Md Aleemoddin	NPTEL Certificate on Cloud Computing	NPTEL	Jul-Aug 2022	IIT MADRAS

FACULTY RESEARCH & DEVELOPMENT

S. No.	Name of the Faculty	Title	Presented on	Published Date(s)	Conducted & Venue
1	Dr Ch Santhan Kumar Mr S Mallikharjuna Ms Nagma arshin	Design and performance of a PV/Thermal Solar still	International Conference	18 th & 19 th Nov. 2022	ICASEM LIET, Hyd
2	Mr Yellaiah Ponnamm Mr B Srinivas Mr ShaikIthihas	Design of Dual axis solar tracking system using Aurdino	International Conference	18 th & 19 th Nov. 2022	ICASEM LIET, Hyd
3	Mr R Venkata Krishna Mr Abdul Kareem Mr Md Aleemoddin	A Multipurpose solar operated pump Dispenser	International Conference	18 th & 19 th Nov. 2022	ICASEM LIET, Hyd

CHIEF EDITOR	STUDENT EDITOR
Dr. CH. SANTHAN KUMAR Assoc Prof. & HOD-EEE Mr. J ASHOK KUMAR Asst.Prof-EEE	MD.SHOAIB SHAREEF IV EEE MOHD.FAISAL III EEE

College Website: www.lords.ac.in

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