



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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LAUNCH OF IEI STUDENT CHAPTER

The Institution of Engineers (India) [IEI] is the largest multi-disciplinary professional body of engineers serving the engineering fraternity for over a century with its presence through 125 Centres spread all over India. A student chapter in Institution of Engineers (India) [IEI] from the Department of Electrical and Electronics Engineering (EEE) of Lords Institute of Engineering and Technology is launched on 30th of November 2021. The event was organized by Mr. Abdul Kareem, Asst. Professor, EEE Department. A welcome speech and introduction to the student chapter was given by Dr. Ch. Santhan Kumar, Head, EEE Department. Dr. Hafeez Basha, Dean, IQAC has explained the importance of student memberships in the Institution of Engineers and its various advantages. Further, Dr. C. V. Narsimhulu, Principal, LIET has motivated students to utilize the opportunities provided by the department. He instructed students to actively participate in the events organized by the Institution of Engineers and get good recognition as a professional student in the society of IEI. The great launch of student chapter was done by the motivational words of Mrs. Rizwana Begum, Secretary, LIET. She insisted students to make a fruitful utilization from the membership of such a professional body, where the engineers from all over India can be communicated. She also said, getting such an opportunity to communicate with the professionals is very crucial in building student's future. Further, Dr. Ch. Santhan kumar, Head, EEE Department explained the complete list of advantages to the members of the society and he also explained the types of activities conducted under the society. He encouraged students to participate in each and every activity and give their best and get good recognition to the student chapter. The session ended with a vote of thanks by Mr. T. Santhosh Kumar, Associate Head, EEE Department.



Launch of IEI Student Chapter

PARENT TEACHER MEETING 2K21

The Parent Teacher Meeting for B.E. 3rd and 5th Semesters was organized on 30/12/2021 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 3.00 PM in Room No. 419, 4th Floor, Department of EEE, Main Building, Lords Institute of Engineering and Technology. Parents started reporting at 3.00 PM. At 3.30 PM, 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 Ponnammam and Md. Aleemoddin 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, Vishakapatnam 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

FACULTY ATTENDED FDPS

S.No.	Name of the Faculty	Title	FDP	Date(s)	Conducted by
1.	Mrs. Nalini Kiran	OBE for NBA Process	FDP	20th -24th September 2021	AICTE (ATAL) Academy Online
2	Mr. R. Venkata Krishna	Artificial Intelligence for Electrical Engineering	FDP	04th to 08th October 2021	RIT Rajaramnagar
3	Mrs. Nalini Kiran	Control Techniques in Electric Vehicles and Battery Management	FDP	04th to 08th October 2021	AICTE (ATAL) Academy Online
4	Mr. Yellaiah Ponnamp	Artificial Intelligence for Electrical Engineering	FDP	04th to 08th October 2021	RIT Rajaramnagar
5.	Mr. Yellaiah Ponnamp	Training on Data Science	FDP	14th October 2021	Internshala Trainings
6	Mr. M. Diva Kumar	Emerging Trends in Nano Technology	FDP	09th to 13th November 2021	Vishnu Institute of Technology Bhimavaram
7	Mr. Yellaiah Ponnamp	RPA Design and Development v3.0 – Educator Readiness Program	FDP	13 th to 17 th December 2021	Ui Path Academic Alliance Under ICT Academy, LIET.

FACULTY ATTENDED WORKSHOPS

S.No.	Name of the Faculty	Title	WORKSHOP	Date(s)	Conducted by
1.	Dr. Ch. Santhan Kumar	Teaching, Learning & Evaluation – An OBE Perspective	Workshop	05 th to 7 th November 2021	Lords Institute of Engineering and Technology
2.	Mr. S. Mallikharjuna	Teaching, Learning & Evaluation – An OBE Perspective	Workshop	05 th to 7 th November 2021	Lords Institute of Engineering and Technology
3.	Mr. Abdul Kareem	Teaching, Learning & Evaluation – An OBE Perspective	Workshop	05 th to 7 th November 2021	Lords Institute of Engineering and Technology
4.	Mr. T. Santhosh Kumar	Teaching, Learning & Evaluation – An OBE Perspective	Workshop	05 th to 7 th November 2021	Lords Institute of Engineering and Technology
5.	Mr. R. Venkata Krishna	Teaching, Learning & Evaluation – An OBE Perspective	Workshop	05 th to 7 th November 2021	Lords Institute of Engineering and Technology
6.	Mr. Md. Aleemoddin	Teaching, Learning & Evaluation – An OBE Perspective	Workshop	05 th to 7 th November 2021	Lords Institute of Engineering and Technology
7.	Mr. M. Diva Kumar	Teaching, Learning & Evaluation – An OBE Perspective	Workshop	05 th to 7 th November 2021	Lords Institute of Engineering and Technology
8.	Mr. V. Karthik	Teaching, Learning & Evaluation – An OBE Perspective	Workshop	05 th to 7 th November 2021	Lords Institute of Engineering and Technology
9.	Mrs. G. Swetha	Teaching, Learning & Evaluation – An OBE Perspective	Workshop	05 th to 7 th November 2021	Lords Institute of Engineering and Technology

FACULTY NPTEL CERTIFICATION

S. No.	Name of the Faculty	Title	Course	Date(s)	Conducted by
1	Mr. R. Venkata Krishna	NPTEL Certificate on Accreditation and Outcome based Learning	NPTEL	Jul-Sep 2021	IIT KHARAGPUR
2	Mr. Md. Aleemoddin	NPTEL Certificate on Introduction to Smart Grid	NPTEL	Jul-Sep 2021	IIT ROORKEE
3	Mr. S. Mallikharjuna	NPTEL Certificate on Entrepreneurship	NPTEL	Jul -Oct 2021	IIT MADRAS
4	Mrs. G. Swetha	NPTEL Certificate on Introduction to Smart Grid	NPTEL	Jul-Sep 2021	IIT ROORKEE

PAPERS PUBLISHED IN JOURNALS

S.No.	Name of faculty	Paper Title	Name of the Journal	Month of publication
1.	Dr. Ch. Santhan Kumar	Power Enhancement in Partial Shaded Photovoltaic System Using Spiral Pattern Array Configuration Scheme	IEEE Access	September 2021
2.	Dr. Ch. Santhan Kumar	A New Alternate Method to Reuse Rehashed Edible Oil for the Betterment of Society - Dual Benefit Approach in Photovoltaic modules	IEEE Access	September 2021
3.	Dr. Ch. Santhan Kumar	Design, Development, and Performance Testing of Thermal Energy Storage based Solar Dryer System for Seeded Grapes	SETA (Elsevier)	December 2021
4.	Dr. Ch. Santhan Kumar	Performance Enhancement of Partial Shaded Photovoltaic System With the Novel Screw Pattern Array Configuration Scheme	IEEE Access	January 2022
5.	Dr. Ch. Santhan Kumar	A Novel Array Configuration technique for Improving the Power Output of the Partial Shaded Photovoltaic System	IEEE Access	February 2022

BOOKS PUBLISHED

S. No	Name of faculty	Title	Name of the Publisher	ISBN	Month of Publication
1	M. Ankush Kumar	DC-DC Converter for RES Based Smart Resilient LVDC Distribution System (Book Chapter)	Springer Singapore	978-981-16-4387-3	January 2021

MOUS WITH INDUSTRIES

S. No	Name of the Organization with which MOU signed	Month & Year of MOU Signed	Duration	Purpose of MoU	Activities Organized
1	Hyderabad Institute of Electrical Engineers (HIEE) Pvt. Ltd.	September 2021	3 Years	Job Oriented Training Practical Oriented Sessions Real time Projects Industrial Visits Certificates, Placements, Workshops and Guest Lectures.	Internships Skill Development Programs Academic Projects and Placements in Core Companies etc.

CHIEF EDITOR	STUDENT EDITOR
Dr. CH.SANTHAN KUMAR Assoc Prof. & HOD-EEE Mr. M. DIVA KUMAR Asst Prof EEE	MD SHAHID – IV th Year - EEE MD MOULALI – III rd Year - EEE

College Website: www.lords.ac.in

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