



**\*\*CELEBRATING 19 YEARS**

**\*\***

# LIET CONNECT

**NEWS LETTERS**  
**MONTH OF RELEASE MARCH 2021 VOL-6 ISSUE-1**



### SEMINAR ON RECENT ADVANCES IN SOLAR ENERGY SYSTEMS



**Resource Person:** Dr. B. Praveen Kumar Asst Prof, BIET, Hyderabad

Delivered Lecture on Recent Advances in Solar Energy Systems

- Advances in concentrated solar power.
- Solar powered vehicles.
- Solar desalination technologies.
- Solar fuels.
- Floating solar plants.

**Department/Cell:** Electrical and Electronics Engineering

**Date:** 24/02/2021

**No. of Participants Attended:** 42

### CAREER GUIDANCE FOR IV-EEE ON 23-02-2021



**Resource Person:** Dr. B. Praveen Kumar Asst Dr. CH. Santhan Kumar, Assoc Prof & HOD-EEE, LIET, Hyderabad.

The objective of the work placement is to be able to apply gained theoretical knowledge in practical work tasks in one's own field. We give a strong recommendation to look at the work community also in terms of possible thesis topics and to consider the possibilities of linking the thesis to the development needs of the employer.

### AWARENESS ABOUT NPTEL COURSES

**Resource Person:** Dr.K.NagaJyothi

**Date:** 06-02-2021

Awareness About NPTEL Courses by Dr.K.NagaJyothi, Telangana NPTEL Representative, Advisory Member of Ministry of Education 2.0 AICTE Margdarshak on 6<sup>th</sup> February 2021



### A THREE DAYS SEMINAR ON IPR : A PERSPECTIVE



#### Resource Person:

Dr. Birla Professor and Director Centre for Applied Research, Hyderabad.

The session was very interesting on IPR Rights, with Trademarks, copy rights, and lot of Remarkable Lecture was delivered by Dr. Birla Professor.

### UNNAT BHARAT ABHIYAN, MINISTRY OF EDUCATION, GOVERNMENT OF INDIA



Lords Institute of Engineering and Technology (LIET) got selected by Ministry of Education, Government of India under the Unnat Bharat Abhiyan (UBA) scheme to adopt five villages namely Qutubuddinguda, Medpalle and Yelkaguda of Moinabad Madal, Sagar and Darga of Rajendra Nagar Mandal, Ranga Reddy District of Telangana State. As per the directions of IIT-Delhi and Ministry of Education, the NSS students of LIET visited Qutubuddinguda on 3rd March 2021 to conduct a survey on locals in consultation with Shri. Anmoy Kumar, IAS District Collector, Mrs. Padmamma, Panchayat Sarpanch, Ms. Sunitha, Panchayat Secretary and all the ward members of the village during their executive council meeting.

## REPUBLIC DAY CELEBRATIONS – 2021



Republic day was celebrated on 26<sup>th</sup> January 2021 followed by prize distribution, in the presence of all department heads and faculties,

Chief guests were Chairman Mr C .A.Basha Mohiuddin, Secretary Mrs Rizwana Begum and VC Mr. Syed Touseef Ahmed presided.

## INTERNATIONAL WOMEN'S DAY CELEBRATIONS 2021 BY LORDS E-CELL



Women Entrepreneurship Club of Lords E-Cell celebrated the International Women's Day on 8<sup>th</sup> March 2021.

Ms. Annie Vijaya, Program Head, Telangana State Innovation Cell (TSIC), Government of Telangana graced the occasion as Chief Guest. She spoke on “Women in Entrepreneurship” and motivated the girl students to come up with Startups and utilize the college facilities and government schemes that are kept exclusively for them. She presented Prizes and Certificates to winners of various competitions that were held throughout the day.



## AWARENESS PROGRAM ON NATIONAL INNOVATION AND STARTUP POLICY (NISP)



### National Innovation and Startup Policy

(NISP) is the initiative of All India Council for Technical Education (AICTE), Ministry of Education, Government of India.



As directed by the Institute Innovation Council (IIC) of the (L.I.E.T) Lords Institute of Engineering and Technology, Hyderabad, Entrepreneurship Development Cell (EDC) has conducted an awareness program on 24<sup>th</sup> February 2021. Mr. Mohammed Abubakr, Founder & CEO, Zibew Software Pte. Ltd., Singapore was invited as resource person who was available in Hyderabad.

### ORIENTATION DAY – 2021

The esteemed Chairman of LIET, Janab. C. A. Basha Mohiuddin expressed his cultivating ideas in all the sessions. He enlightened that the Lords College is first minority institution in achieving NAAC 'A' grade and also accredited by NBA, it's in collaboration with GHMC consultancy works and foreign consultancies. He also said that the college would gain UGC Autonomous grade. He said that the faculties render their services for more than 15 years and students were more benefitted with the highly qualified faculties in the college.

He also said that for the past 7 years the college has been the Centre for government/ competitive examinations like NEET, EAMCET, ECET etc., He exhorted students to prefer research, entrepreneurship over on campus placement. To succeed this, he suggested students to improve their English Speaking skills in Orators Club of LIET. He also said about the Idea Club where new ideas will be attained in four year course of B.E. And in 4<sup>th</sup> year students have Finishing Club where they complete their projects on time.

He highlighted that LIET is a ragging free college and the senior students help and would be the role models to juniors. He emphasized about the industrial tours and ECAP where students have to attend with 75% attendance. He had thrown light on student- mentor's role which may be perceived to be facilitative, supportive and developmental for the student community in general and the first year students in particular. He encouraged students to be benefitted by attending and presenting papers in international conferences. He said that students should have competitive spirit to win prizes in all events as how the senior students won in curricular and extracurricular activities. He concluded that students were provided insurance like the faculties benefitted the insurance from the college.

Next up, was the prize distribution by Dr. Rehana Anjum, Head of the Chemistry Department, LIET. The senior students of individual departments were received prizes for their success in academics and extracurricular activities. The new entrants were also received prizes for their success in Talent Hunt, English Diagnostic Test, Mathematics and Physics Quiz held during Induction Programme -2020.

The final vote of thanks was paid by Prof. Syeda Nusrath Fatima in all the sessions for two days. And the two day Orientation Programme came to an end in all the sessions with the provision of refreshments to parents and students.



## INAUGURATION OF ORATOR'S CLUB-1 AND ORATOR'S CLUB-2

		<ul style="list-style-type: none"> <li>• Inauguration of Orator's Club-1 and Orator's Club-2 on 19<sup>th</sup> January 2021.</li> <li>• These clubs aims to improve the communication skills of the participants through interacting with the club and also to overcome their stage fear.</li> <li>• It also organizes various open to all competitions for the students of all disciplines.</li> </ul>
		

## Inauguration of “Lords Technology Business Incubator”

		<p>Lords Institute of Engineering &amp; Technology has Inaugurated Business Incubator on 24<sup>th</sup> September 2020 as goal is to help students and faculties to create and grow young businesses by providing them with necessary support and financial and technical services.</p>
		

## PATENTS PUBLISHED

S. No	Title	Application No	Name of the Authors	Date of Publication
1	Monitoring of Precision Viticulture System using IoT	202041053754	T Santhosh Kumar.	18/12/2020
2	Solar Powered and IoT Enabled Reconnaissance Warfare Robot	202141006112	Dr.Ch.Santhan Kumar S.Mallikharjuna T.Santhosh kumar G.Swetha V.Karthik	19/02/2021
3	A Smart Water Quality And Fish Behaviour Monitoring Aqua Farming System.	202141007288	T.Santhosh kumar	26/02/2021

### **FACULTY RESEARCH CONTRIBUTIONS:**

<b>S.No</b>	<b>Name of the Faculty Members</b>	<b>Name of the Journal /Conference Name</b>	<b>Title</b>	<b>International/ World/Conference</b>
1	R Venkata Krishna, T Santhosh Kumar, G Swetha, V Karthik	Journal of Critical Reviews	Modular Multilevel Converter Bipolar HVDC With SVPWM Based Voltage Droop Controller. Vol-7 Issue- 4,ISSN: 2366-2377	International.
2	T. Santhosh Kumar R Venkata Krishna	ICADEE-2020	Enhanced Performance of Solar PV Array-Based Machine Drives Using Zeta Converter	IEEE-Conference.
3	V.Karthik S.Mallikharjun	BR CORP-2020	Impact of Rural Development through IT &AI	9 <sup>th</sup> World CASEM.
4	Dr.Ch.Santhan Kumar	IVCRISET-2021	Artificial Intelligence Based MPPT Technique for PV System	International Virtual Conference.

### **BOOKS/BOOK CHAPTERS**

<b>S.L No</b>	<b>Title of Book</b>	<b>Name of the Author</b>	<b>Publisher</b>	<b>ISBN Number</b>
1	Industrial Safety Health and Environmental Engineering	R Venkata Krishna, T Santhosh Kumar.	Lambert Academic Publishing	978-620-2-68581-8
2	MPPT of Solar PV Systems Using Meta-Heuristic Algorithms	Dr.Ch.Santhan Kumar	Lambert Academic Publishing	978-620-3-58174-4.
3	Harnessing the Internet of Things (IoT)for a Hyper Connected Smart World	Dr.Ch.Santhan Kumar	Apple Academic Press	9781774639740

### **REVIEWER FOR JOURNALS:**

<b>S.No</b>	<b>Serving as a Reviewer for</b>	<b>Name of the Reviewer</b>
1	WILEY: International Journal of Numerical Modeling Electronic Networks and fields	Dr.Ch. Santhan Kumar
2	WILEY: International Transactions on Electrical Energy Systems.	Dr.Ch. Santhan Kumar

**FDPS ORGANIZED/ATTENDED:**

S.No	Title of the Program	Name of the Participant	Attended/ Organized	D	Organized By
1	High Power Conversion Electronics for Green Energy Based Smart Grid AICTE Sponsored FDP-2Weeks	Mrs.Goshamahal Swetha	Attended	7 <sup>th</sup> -19 <sup>th</sup> Dec 2020	S.A Engineering College Chennai-72
2	Design and Development of control strategies on Electrical Power Applications AICTE Sponsored FDP-1Week	Mrs.Goshamahal Swetha	Attended	7 <sup>th</sup> -12 <sup>th</sup> Dec 2020	V.Potluri SIT Kakinada
3	Digital Teaching Techniques	S.Mallikharjuna	Attended	20 <sup>th</sup> Dec-2020	ICT Academy
4	NBA Accreditation and Teaching-Learning in Engineering	S.Mallikharjuna	Attended	Nov-Feb-2020	NPTEL-AICTE
5	Fundamentals of Artificial Intelligence	Dr.Ch.Santhan Kumar	Attended	Sep-Dec-2020	NPTEL-AICTE
6	Renewable Energy Engineering :Solar, Wind and Biomass Energy Systems	Dr.Ch.Santhan Kumar	Attended	Jan-Mar-2021	NPTEL-AICTE
7	NBA Accreditation and Teaching-Learning in Engineering	R.Venkata Krishna	Attended	Nov-Feb-2020	NPTEL-AICTE
8	Power system Protection and switch Gear	Mrs.G.Swetha	Attended	Sept-Nov-2020	NPTEL-AICTE
9	Renewable Energy Engineering :Solar, Wind and Biomass Energy Systems	Mr.T.Santhosh Kumar	Attended	Jan-Mar-2021	NPTEL-AICTE

CHIEF EDITORS	STUDENT EDITORS
<ul style="list-style-type: none"><li>➤ Dr.CH.SANTHAN KUMAR Assoc Prof &amp; HOD-EEE</li><li>➤ Mr.T.SANTHOSH KUMAR Asst Prof EEE</li><li>➤ Mr.G.KARUNAKAR REDDY Asst Prof EEE</li></ul>	<ul style="list-style-type: none"><li>➤ N.VISHAL GOUD 4 th Year – EEE</li><li>➤ AHMED ALI 3 rd Year - EEE</li></ul>

College Website: [www.lords.ac.in](http://www.lords.ac.in)

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



**\*\*CELEBRATING 19 YEARS \*\***

# **LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY**



**LORDS**  
Institute of Engineering & Technology  
MUSLIM MINORITY INSTITUTION



*Conferred Autonomous Status for 10 years by*  
**University Grants Commission (UGC)**  
Ministry of Education, Government of India

**CONGRATULATIONS**

*Faculty, Staff, Students, Parents & Other Stakeholders*

Approved by AICTE, Affiliated to Osmania University  
Only Muslim Minority College in Telangana & Andhra Pradesh  
with NAAC 'A' Grade and NBA Accreditation, UGC Section 2(f)