

# LIET



**Volume: X, Issue: II**

## 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. Ravi Kishore Singh  
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*

### **PEOs**

PEO1	Shall have strong fundamental and advanced knowledge in Mathematics, Science, English and Engineering Science so as to enable them to analyze the Electrical and Electronics Engineering related problems (preparation).
PEO2	Shall have the capability to identify of identifying formulating, analyzing and creating novel engineering solutions using modern design, construction tools and technique to develop state of the art structures.
PEO3	Shall have good technical, team work, management and communication skills to function multidiscipline teams across globe
PEO4	Shall strive for continuous learning, Research and Development with strong professional, Moral and Ethical Values.

**FACULTY CONTRIBUTIONS****Conference Publications**

<u>S.No</u>	Name/Names of the Authors	Title	Name of the Conference	Month & Year of Conference	National/International
1	Dr Ch Santhan Kumar	Design & Performance of a PV/Thermal Solar Still	3rd International Conference on Advances in Science, Engineering & Management	November 2022	International
2	Mr Abdul Kareem	Design of Dual Axis Solar Tracking System Using Aurdino	3rd International Conference on Advances in Science, Engineering & Management	November 2022	International
3	Mr Banoth Srinivas	A Multipurpose Solar operated Pump Dispensar	3rd International Conference on Advances in Science, Engineering & Management	November 2022	International

**Journal Publications**

<u>S.No</u>	Name/Names of the Authors	Title	Journal (Full Name)	Month & Year of Publication	Indexing
1	T.Santhosh kumar	Optimal Design configuration of corona rings of 1200 KV bus post insulators	Sustainable Energy Technologies and Assessment	September 2022	Elsevier
2	Dr.Ch.Santhan Kumar	Improvement of the resilience of a microgrid using fragility modelling and simulation	Journal of Electrical and computer Engineering	August 2022	Scopus

**Books and Book Chapters**

<u>S.No</u>	Name/Names of the Authors	Title of Book/Book Chapters	Name of the Publisher	ISBN	National/ International	URL
1	Dr.Ch.Santhan Kumar	IOT based Peltier Air conditioner	Apple academic press	9781003277347	International	<a href="#">IoT-Based Peltier Air Conditioner   11   Harnessing the Internet of Th (taylorfrancis.com)</a>

**PhD. Pursuing**

<u>S.No</u>	Faculty Name	University of registration	Year of registration	Topic	Area of research
1	Yellaiah Ponnamm	Amrita Vishwa Vidhyapeetham Privite Deemed University	2020	Smart Grid stability prediction using Machine learning Techniques	Smart Grid

## FDP Attended

S.N o.	Name of the Faculty	Topic	Name of the event	Name of the Organization	Venue	Duration With date
1.	Mr. Banoth Srinivas	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
2.	Mr. R. Venkata Krishna	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
3.	Mr. Yellaiah Ponnamm	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
4.	Dr. Ch. Santhan Kumar	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
5.	Mr. S. Mallikharjuna	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
6.	Mr. Abdul Kareem	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
7.	Mr. Md. Aleemoddi n	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
8.	Ms Mohammad Nagma Arshin	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
9.	Mr. M.A Haleem Ather	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
10.	Mr. MD Shafi	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022
11.	Mr. Syed Umar Sayeed	Outcome Based Education	Teaching, Learning and Evaluation Techniques for Effective OBE	Lords Institute of Engineering and Technology	Hyderabad	5 Days 29-08- 2022 to 2-09-2022

12.	Mr. Yellaiah Ponnamm	Application of Machine learning in EV's	Recent Trends of Machine Learning Applications in Grid Integrated Electric Vehicles	Swami Keshvanand Institute of Technology, Management	Jaipur	One Week 31-01-2022 to 4-02-2023
13	Mr. Yellaiah Ponnamm	ICT Tools	ICT Tools for Digital Learning, Students Engagement and Industry Connect	Lords Institute of Engineering & Technology Using uLektz Academic Council	Hyderabad	One Day 7-02- 2023
14	Mr. Md. Aleemoddi n	ICT Tools	ICT Tools for Digital Learning, Students Engagement and Industry Connect	Lords Institute of Engineering & Technology Using uLektz Academic Council	Hyderabad	One Day 7-02- 2023
15	Mr. S. Mallikharjuna	ICT Tools	ICT Tools for Digital Learning, Students Engagement and Industry Connect	Lords Institute of Engineering & Technology Using uLektz Academic Council	Hyderabad	One Day 7-02- 2023
16	Ms. Para Keerthi	ICT Tools	ICT Tools for Digital Learning, Students Engagement and Industry Connect	Lords Institute of Engineering & Technology Using uLektz Academic Council	Hyderabad	One Day 7-02- 2023
17	Mr. SK Ithihas	ICT Tools	ICT Tools for Digital Learning, Students Engagement and Industry Connect	Lords Institute of Engineering & Technology Using uLektz Academic Council	Hyderabad	One Day 7-02- 2023
18	Mrs. Nagma Arshin	ICT Tools	ICT Tools for Digital Learning, Students Engagement and Industry Connect	Lords Institute of Engineering & Technology Using uLektz Academic Council	Hyderabad	One Day 7-02- 2023
19	Mr. Yellaiah Ponnamm	Smart Grid	Smart Grid Enabling Technologies for Sustainable Future	Swami Keshvanand Institute of Technology ,Management	Jaipur	5 Days 13-03-2023 to 17-03-2023
20	Mrs Mohammad Nagma Arshin	Innovation Techniques	Innovation Ambassador (IA) Training 'Advanced Level'	LIET with MoE's Innovation Cell & AICTE	Hyderabad	One Day 23-06-2023
21	Mrs Mohammad Nagma Arshin	Innovation Techniques	Innovation Ambassador (IA) Training 'Foundation Level'	LIET with MoE's Innovation Cell & AICTE	Hyderabad	One Day 16-06-2023

**STUDENT PARTICIPATION AND ACHIEVEMENTS****Academic topper**

<b>S.No</b>	<b>Name of the student</b>	<b>Roll number</b>	<b>Year</b>	<b>Sem</b>	<b>SGPA</b>
1	MD. SHOAIB SHARIFF	160919734019	IV YEAR	VIII	9.5
2	ALEEM UDDIN ARBAS KHAN	160920734302	III YEAR	V	7.57
3	JAMAL RASHEED	160921734004	II YEAR	III	10.0

**Student Participation (ICT Pay Pal)**

<b>S.No</b>	<b>Name/Names of the students</b>	<b>Name of the event</b>	<b>Topics</b>	<b>Venue</b>	<b>Date</b>
1	Gedala Tejaswar Rao	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
2	Mohd Abdul Ibrahim	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
3	Mohammed Abdul Yaseen	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
4	Md Arshad Ayub	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
5	Mohd Hunain	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
6	SHAIK Ismail	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
7	Syed Abdul Moid	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
8	Md Ehtesham	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
9	Biswal Eswar Rao	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
10	Mohammed Akhil Shariff	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
11	Md Shahrukh	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
12	Syed Arbaaz Ali	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023
13	Shaik Altaf Sameer	ICT Pay Pal	AWS cloud	LIET Hyderabad	27/1/2023 to 24/2/2023



**Student Participation (ICT)**

<b>S.No</b>	<b>Name/Names of the students</b>	<b>Name of the event</b>	<b>Topics</b>	<b>Venue</b>	<b>Date</b>
1	Md Mazhar	ICT	Learnathon	LIET Hyderabad	11/8/2023
2	Shoeb Pasha	ICT	Learnathon	LIET Hyderabad	11/8/2023
3	Zeba Nareen	ICT	Learnathon	LIET Hyderabad	11/8/2023
4	Mohammed Abdul Sami	ICT	Learnathon	LIET Hyderabad	11/8/2023
5	Santhan	ICT	Learnathon	LIET Hyderabad	11/8/2023
6	Nazreentabassum	ICT	Learnathon	LIET Hyderabad	11/8/2023
7	Syed Amaan Ul Haq	ICT	Learnathon	LIET Hyderabad	11/8/2023
8	Aleemuddin Arbas Khan	ICT	Learnathon	LIET Hyderabad	11/8/2023
9	Mohammed Zubiyannuddin	ICT	Learnathon	LIET Hyderabad	11/8/2023
10	Mohammedzameenuddin	ICT	Learnathon	LIET Hyderabad	11/8/2023
11	Syed Muqeeth Omer Ahmed	ICT	Learnathon	LIET Hyderabad	11/8/2023
12	Abdul Faraz	ICT	Learnathon	LIET Hyderabad	11/8/2023
13	Rahman	ICT	Learnathon	LIET Hyderabad	11/8/2023
14	Mohammadthaherkhan	ICT	Learnathon	LIET Hyderabad	11/8/2023
15	Abdul Kareem	ICT	Learnathon	LIET Hyderabad	11/8/2023
16	Sohila	ICT	Learnathon	LIET Hyderabad	11/8/2023
17	Abdulaleem	ICT	Learnathon	LIET Hyderabad	11/8/2023
18	Santhan	ICT	Learnathon	LIET Hyderabad	11/8/2023
19	Syedshoebali	ICT	Learnathon	LIET Hyderabad	11/8/2023
20	Maaz Siddiqui	ICT	Learnathon	LIET Hyderabad	11/8/2023
21	Shaikroshan	ICT	Learnathon	LIET Hyderabad	11/8/2023
22	Gugulothsindhuja	ICT	Learnathon	LIET Hyderabad	11/8/2023
23	Mdfareeduddin	ICT	Learnathon	LIET Hyderabad	11/8/2023
24	Md Nanneh Babu	ICT	Learnathon	LIET Hyderabad	11/8/2023
25	Mohammed Adnan Ahmed	ICT	Learnathon	LIET Hyderabad	11/8/2023
26	Syed Muqeeth Omer Ahmed	ICT	Learnathon	LIET Hyderabad	11/8/2023
27	Mahboob Shareef	ICT	Learnathon	LIET Hyderabad	11/8/2023
28	Zabiullah	ICT	Learnathon	LIET Hyderabad	11/8/2023
29	Bpraneethkumar	ICT	Learnathon	LIET Hyderabad	11/8/2023
30	Amir Khushro	ICT	Learnathon	LIET Hyderabad	11/8/2023

31	Mdifteqarrehan	ICT	Learnathon	LIET Hyderabad	11/8/2023
32	Mohammedafnankhan	ICT	Learnathon	LIET Hyderabad	11/8/2023
33	Mohammedbinfarooq	ICT	Learnathon	LIET Hyderabad	11/8/2023
34	Jamalrasheed	ICT	Learnathon	LIET Hyderabad	11/8/2023
35	Roshan	ICT	Learnathon	LIET Hyderabad	11/8/2023
36	Syedshoebali	ICT	Learnathon	LIET Hyderabad	11/8/2023
37	Mohammed Saad Ahmed Khan	ICT	Learnathon	LIET Hyderabad	11/8/2023
38	MD Mazhar	ICT	Learnathon	LIET Hyderabad	11/8/2023
39	Adil	ICT	Learnathon	LIET Hyderabad	11/8/2023
40	Dheeravath Raja Naik	ICT	Learnathon	LIET Hyderabad	11/8/2023
41	Meravath Saida	ICT	Learnathon	LIET Hyderabad	11/8/2023
42	Mukram	ICT	Learnathon	LIET Hyderabad	11/8/2023
43	Asim	ICT	Learnathon	LIET Hyderabad	11/8/2023
44	Abrar	ICT	Learnathon	LIET Hyderabad	11/8/2023

### INTERNSHIP (IV Sem)

S.no	Roll Number	Name of the Student	Title	Name of the Company	Duration
1.	160921734001	Buranthapally Praneeth Kumar	Solar PV plant design	HIEE	15 DAYS
2.	160921734002	Mohammed Adnan Ahmed	Solar PV plant design	HIEE	15 Days
3.	160921734004	Jamal Rasheed	Electric Vehicle Technology	HIEE	15 Days
4.	160921734005	Mohammed Zameen Uddin	Solar PV plant design	HIEE	15 Days
5.	160921734006	Abdul Kareem	Solar PV plant design	HIEE	15 Days
6.	160921734007	Mohammed Bin Farooq	Electric Vehicle Technology	HIEE	15 Days
7.	160921734008	Mahaboob Shareef	Solar PV plant design	HIEE	15 Days
8.	160921734009	Amir Khushro	Electric Vehicle Technology	HIEE	15 Days
9.	160921734010	Mohd Abdul Rahman	Electric Vehicle Technology	HIEE	15 Days
10.	160921734011	Syed Muqeeth Omer Ahmed	Solar PV plant design	HIEE	15 Days
11.	160921734012	Md Adil Hussain	Electric Vehicle Technology	HIEE	15 Days
12.	160921734013	Md Mazhar	Electric Vehicle Technology	HIEE	15 Days

13.	160921734014	Mohammed Khaleel Ahmed	Electric Vehicle Technology	HIEE	15 Days
14.	160921734015	Mohammed Aman ul Haq	Solar PV plant design	HIEE	15 Days
15.	160921734016	Mohammed Maaz Siddiqui	Solar PV plant design	HIEE	15 Days
16.	160921734017	Mohammed Zubiyah Uddin	Solar PV plant design	HIEE	15 Days
17.	160921734020	Syed Shoeb Ali	Solar PV plant design	HIEE	15 Days
18.	160921734021	Md Nanneh Babu	Electric Vehicle Technology	HIEE	15 Days
19.	160921734023	Akram Sajjad	.....	.....	.....
20.	160921734024	Zabi Ullah	Solar PV plant design	HIEE	15 Days
21.	160921734301	Adnan Bin Salam	Solar PV plant design	HIEE	15 Days
22.	160921734302	Guguloth Sinduja	Electric Vehicle Technology	HIEE	15 Days
23.	160921734303	Md Fareed Uddin	Solar PV plant design	HIEE	15 Days
24.	160921734304	Md Iftaqar Rehan	Solar PV plant design	HIEE	15 Days
25.	160921734305	Mohammed Thaher Khan	Solar PV plant design	HIEE	15 Days
26.	160921734306	Mohammed Afnan Khan	Solar PV plant design	HIEE	15 Days
27.	160921734307	Mohammed Saad Ahmed Khan	Solar PV plant design	HIEE	15 Days
28.	160921734308	Mohammed Shoeb Pasha	Electric Vehicle Technology	HIEE	15 Days
29.	160921734309	Naazreen Tabassym	Electric Vehicle Technology	HIEE	15 Days
30.	160921734310	Shaik Roshan	Electric Vehicle Technology	HIEE	15 Days
31.	160921734311	Abdul Faraz	Solar PV plant design	HIEE	15 Days

## EVENT CONDUCTED

### Seminar Report on Career Advising and Professional Development

- ❖ Dr. Ravi Kishore Singh, Principal LIET has addressed the gathering and he motivates the students towards the Professional Development and explained how to enhance their skills as well as practical skills. And he appreciates the HOD and coordinators for wonderful Seminar.
- ❖ Dr. 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 Seminar. He explained the topic of seminar like GATE and ESE and how we achieve jobs on GATE. And the Seminar started with the speaker.

- ❖ The speaker Mr. PABBA RAMESH gives the information about institute and he explained how the Student's achieve core jobs in GATE. He briefly explained about how to get job of electrical Engineering and motivates the students towards GATE and ESE jobs. By the end of the Seminar Dr. Ch. Santhan Kumar HOD EEE convey the thanks by giving the token of honor to the speaker.



## PARENT TEACHER MEETING

### EVENT SCHEDULE:

S.NO	Event Schedule	Time
1.	Event Inauguration	10:00 AM
2.	A speech by class In-charge	10:15 AM
3.	A speech by head of the Department	10:30 AM
4.	A speech by the principal	10:45 AM
5.	Department Visit	11:00 AM to 12:30 PM
6.	Break Time	12:30 PM to 01:30 PM
7.	One to One Parent Interaction	1:30 PM to 03:00 PM
8.	Vote of Thanks	03:10 PM

### OBJECTIVE OF THE EVENT:

The Parent Teacher Meeting for B.E. 4<sup>th</sup> & 6<sup>th</sup> Semester was organized on 24/06/2023 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 EEE Department (Room No. 315), 3rd 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-charge Mr. Yellaiah, Assistant Professor, EEE Department Addressed the Gathering and informed parents about the Schedule of Parent- Teacher to the Gathering as mentioned above.

Class In-charge Mr. Aleemuddin, Assistant Professor, EEE Department 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 & III EEE in IV & VI 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. A special training is planned from II-year level to meet the current industry needs.
8. Student mentoring system is strengthened; student's performance will be intimated to parents on regular basis.

### **A speech by the principal:**

Principal Dr. Ravi Kishore Singh, 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., Ms. Nagma Arshin and Mr. Venkata Krishna 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:

Mentors 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.



# LORDS

INSTITUTE OF ENGINEERING AND TECHNOLOGY  
(AN AUTONOMOUS INSTITUTION)

Department of Electrical and Electronics Engineering

*Heartily Welcome*  
**PARENT'S**  
FOR  
**PARENT-TEACHER MEETING**

Date: 24-06-2023 Time: 10:30 am onwards  
Venue: EEE Department





*Faculty Interaction with Parents on Students Performance*

## PROJECT EXPO-2K23

Project Expo-2K23 is organized by Electrical and Electronics Engineering Department on 15-05-2023. In this expo, EEE students exhibited their projects and innovations to fulfill their under graduation major project requirements. The following are the projects were exhibited in the Project Expo-2k23

1. Dual Source Self Charging Electric Vehicle
2. Solar Based Regenerative Type Air Augmentation Purifying Unit
3. Solar Wind Mill
4. Design and Construction of 1.8KWp Solar Tree
5. Self-Charging Electric Carrier
6. PV Cell Fault Detecting Rover

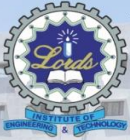
The project expo was started at 10:00 AM by the message of Dr. Ch. Santhan Kumar, HOD EEE. All the staff members and students were invited to visit the projects presented in the expo. Principal Dr. C. V. Narasimhulu, Secretary Mrs. Rizwana Begum, Deans and Heads of all departments visited the projects and appreciated the student innovations and suggested to develop further and establish startups with these innovative ideas. The evaluators are declared the best projects in the project expo and the awards were distributed at 4:00 PM on the same day. The prizes were presented to the winners by external experts, Secretary and Principal. The following are the details of the award-winning projects.

1st Prize	Design and Construction of 1.8KWp Solar Tree
2 <sup>nd</sup> Prize	PV Cell Fault Detecting Rover
3 <sup>rd</sup> Prize	Solar Based Regenerative Type Air Augmentation Purifying Unit




## PHOTO GALLERY OF PROJECT EXPO-2K23








**LORDS** INSTITUTE OF ENGINEERING AND TECHNOLOGY  
(AN AUTONOMOUS INSTITUTION)  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
Est. 2002



**PROJECT EXPO-2K23**



INSTITUTION'S INNOVATION COUNCIL  
IIC ID : IC201810789



DESIGN AND CONSTRUCTION OF 1.8KWP SOLAR TREE



DUAL SOURCE SELF CHARGING ELECTRIC VEHICLE



SOLAR BASED REGENERATIVE TYPE AIR AUGMENTATION PURIFYING UNIT



SOLAR WIND MILL



SELF-CHARGING ELECTRIC CARRIER



PV CELL FAULT DETECTING ROVER

Design By Abdul Karim



WAVE KBO ZEISS  
MAR 20, 2023, 17:29



**CHIEF EDITOR**

Dr. CH. SANTHAN KUMAR Assoc Prof. & HOD-EEE

Ms. PARA KEERTI Asst Prof EEE

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

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