



**Institute of  
Engineering &  
Technology**



# NEWSLETTER

**FEBRUARY 2026-MAY 2026**

**VOL.7, ISSUE:3**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

## INSTITUTE VISION

Producing globally competent and quality technocrats with human values for the holistic needs of industry and society.

## INSTITUTE MISSION

- Creating an outstanding infrastructure and platform for enhancement of skills, knowledge and behaviour of students towards employment and higher studies.
- Providing a healthy environment for research, development and entrepreneurship, to meet the expectations of industry and society.
- Transforming the graduates to contribute to the socio-economic development and welfare of the society through value based education.

## DEPARTMENT VISION

To be a center of excellence in imparting knowledge, skills and ethical values, while fostering innovation, sustainability and globally competent to make exemplary contributions to the field of Electrical and Electronics Engineering.

## DEPARTMENT MISSION

- To impart technical education using state-of-the-art infrastructure, laboratories, and instructional methods, ensuring students acquire comprehensive knowledge and skills.
- To foster industry-oriented learning by facilitating internships, industrial visits, collaborative projects with industries.
- To create a congenial environment for higher education, employment, and entrepreneurship by delivering quality education, enhancing professional skills and promoting research and innovation.
- To promote societal commitment and ethical leadership by instilling moral values and encouraging responsible engineering practices among students.

## PROGRAM EDUCATIONAL OBJECTIVES

- Graduates will possess a strong foundation in core and interdisciplinary areas of Electrical and Electronics Engineering along with analytical and computational skills, enabling them to tackle global challenges through innovative and critical problem-solving
- Graduates will actively engage in research, entrepreneurship, and innovation to address contemporary challenges in Electrical and Electronics Engineering while promoting sustainable and inclusive technological development for the betterment of society.
- Graduates will exhibit effective communication skills, collaborative abilities, and ethical values, preparing them for successful careers, higher education, and leadership roles in a rapidly evolving competitive environment.

## PROGRAM SPECIFIC OUTCOMES

- PSO1: Capable of design, develop, test, verify and implement electrical and electronics engineering systems and products.
- PSO2: Succeed in national and international competitive examinations for successful higher studies and employment.

# RESEARCH CONTRIBUTIONS

1. Dr.T.Papinaidu published a paper with title “ Optimal battery selection for electric vehicles: a comparative ranking approach” in International Journal of Applied Power Engineering (IJAPE), March 2026.
2. Dr.M.Venkateswaran, Mr.K.Ravisankar, G.Sanyasi Naidu published a paper with title “Prognostic Current Control and Fault Detection using diode current for Solar-Fed Multiport Power Converters” in Engineering Research Express Journal, April 2026.
3. Mr.J.Vijaychandra published a paper with title “Design and Analysis of a Reduced Switched-Capacitor Multilevel Inverter-Fed PMSM Drive for Solar–Battery Electric Vehicles Using Rat Swarm Optimization” in “ Algorithms”, April 2026.
4. Mr.J.Vijaychandra published a paper with title “Adaptation of the whale optimization algorithm to multi-objective and constrained optimization of the brushless DC motor” in Maintenance and Reliability, April 2026.
5. Dr.T.Papi Naidu published a paper with title “ Zero Trust Architecture for Secure Smart City Infrastructure Using AI-Powered Authentication” in International Symposium on Sustainable Energy, Signal Processing and Cybersecurity, February 2026
6. Mr.G.Sanyasi Naidu, Mr.J.Vijaychandra published a paper with title “A Deep Learning Framework with Attention Mechanisms for Voltage Stability Classification in EV Charging Systems” in 2025 1st International Conference on Data Science and Intelligent Network Computing (ICDSINC), March 2026.
7. Dr.P.Janaki, Mrs.K.Anitha, Mrs.K.Nagamani, Mr.A.Bhaskara Rao, Mrs.Ch.Harika Sivani published a design granted patent with title “ Electric Vehicle Charging Station with Modular Ports”
8. Dr.M.Venkateswaran published a patent with title “ An Artificial Intelligence based Non-Intrusive system and Method for early fault detection and localization in Underground XLPE power cables”.
9. Dr.T.Papinaidu published a patent with title “ Grid connected PV system with Hybrid Fuzzy-Neural MPPT under partial shading”.
10. Dr.K.Praveen Kumar Yadav published a patent with title “ An Inductively coupled DSTATCOM based system for improving power quality in electrical distribution systems”.
11. Mr.T.Karthik published a patent with title “ A Simulation based analysis technique for LLC Resonant Converters”



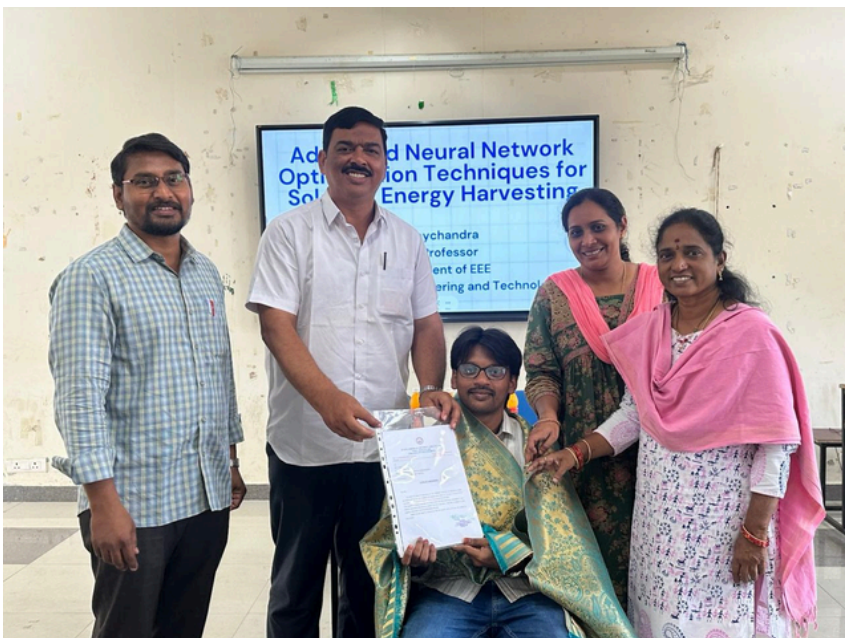
# FACULTY INSIGHTS



**Dr.T.Papainaidu, Associate Professor, Department of EEE, LIET has been awarded his Doctoral degree from Annamalai University, Tamilnadu**



**Dr,K,Subbaramaiah and Mr.G.Tammiraju acted as the evaluators for Mec-electronics event, an innovative project expo at LNIT SUMMIT 2K26 conducted at Lendi Institute of Engineering and Technology, February 2026**



**Mr.J.Vijaychandra, Assistant Professor, EEE, LIET has been acted as an invited speaker to deliver a talk on "Advanced Neural Network Techniques for Solar Energy Harvesting" at School of Engineering, Dr.B.R.Ambedkar University, Srikakulam, March 2026.**



# DEPARTMENT INSIGHTS

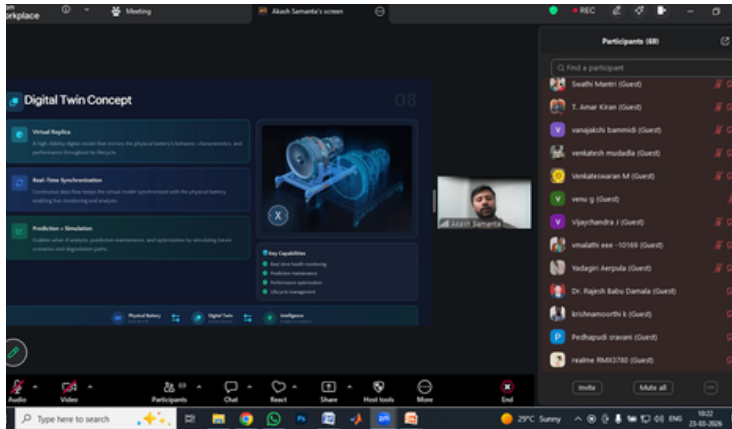


**THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING AT LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY CELEBRATED WORLD CREATIVITY AND INNOVATION DAY WITH GREAT ENTHUSIASM TO PROMOTE INNOVATIVE THINKING, TECHNICAL CREATIVITY, AND PROBLEM-SOLVING SKILLS AMONG STUDENTS. THE EVENT FEATURED PROJECT EXHIBITIONS, IDEA PRESENTATIONS, TECHNICAL DISCUSSIONS, AND INTERACTIVE ACTIVITIES THAT ENCOURAGED STUDENTS TO SHOWCASE THEIR INNOVATIVE TALENTS IN THE FIELDS OF ELECTRICAL ENGINEERING, RENEWABLE ENERGY, AUTOMATION, AND SMART TECHNOLOGIES. THE CELEBRATION HIGHLIGHTED THE DEPARTMENT'S COMMITMENT TO FOSTERING CREATIVITY, RESEARCH CULTURE, AND INDUSTRY-ORIENTED LEARNING AMONG FUTURE ENGINEERS.**

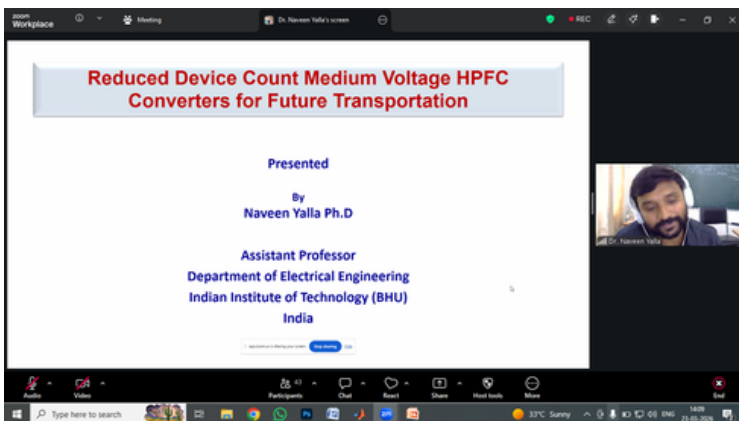




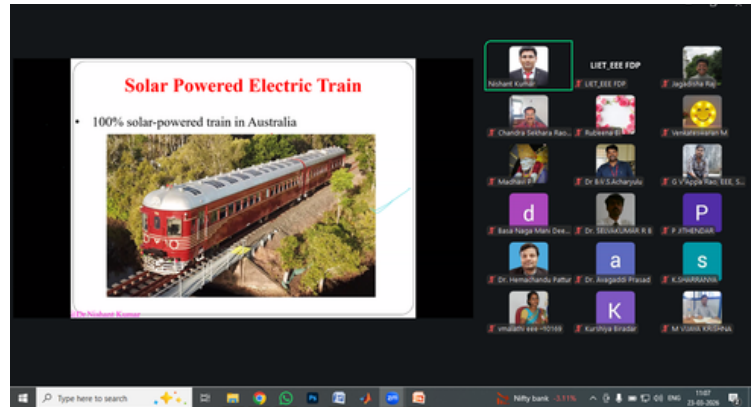
# ONE WEEK ONLINE FDP



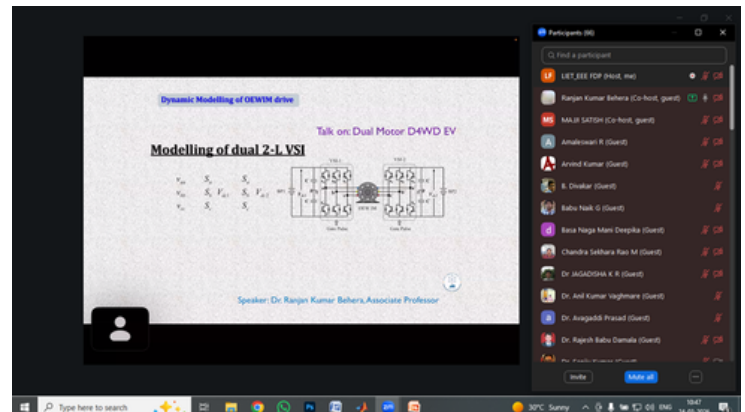
**Akash Samanta has presented his talk on Digital Twin Technologies**



**Dr.Naveen Yalla, Assistant Professor, IIT BHU delivered his talk on Medium voltage High Power Single Stage EV Chargers**

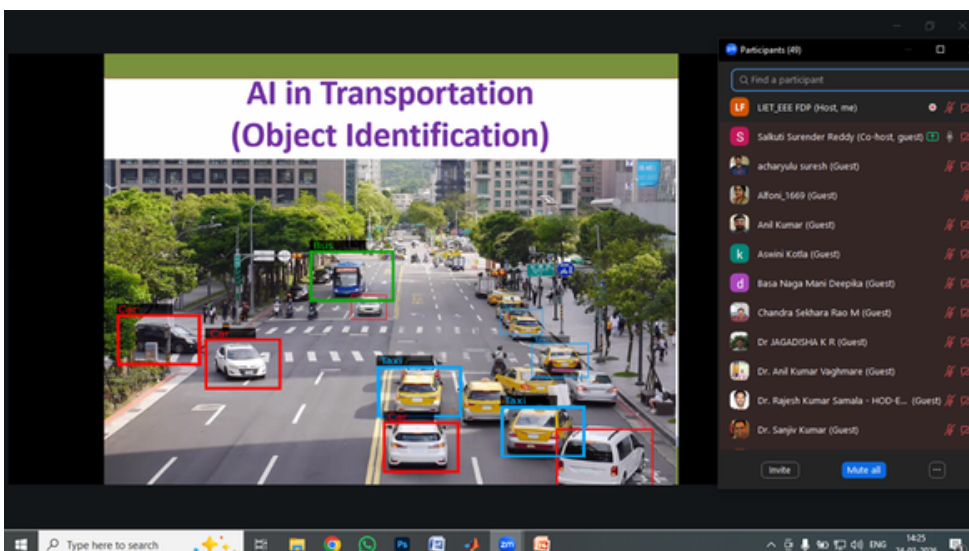


**Dr.Nishant Kumar, Associate Professor, IIT Jodhpur has delivered a lecture on Solar powered electric vehicles: Optimal power management strategies**



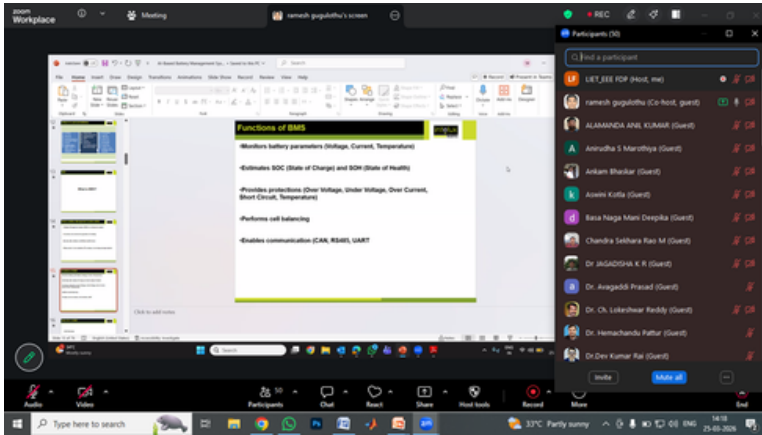
**Dr.Ranjan Kumar Behara, Associate Professor, IIT Patna delivered his talk on Control of Electric Propulsion system**

**Department of EEE, LIET has conducted an one week online FDP on “ SMART MOBILITY.: INTEGRATING AI WITH ELECTRIC VEHICLE TECHNOLOGIES”, March 2026. Eminent speakers from reputed institutions acted as the speakers.**

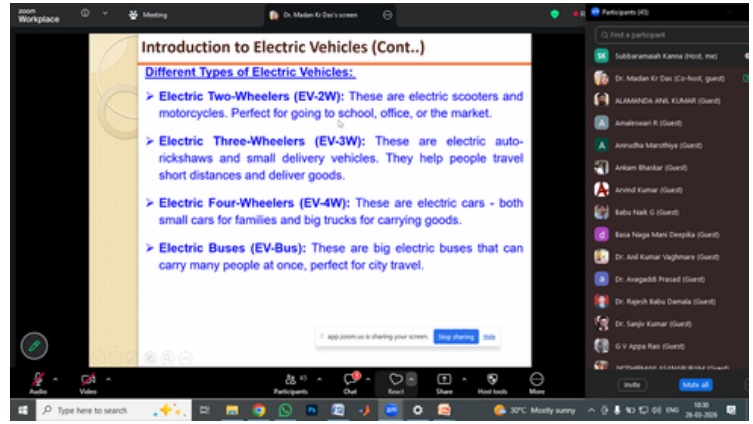


**Surender Reddy Salukuti, Associate Professor, Woosong university, Republic of Korea delivered his talk on AI for Integrated Smart Energy Systems in Electric Vehicles**

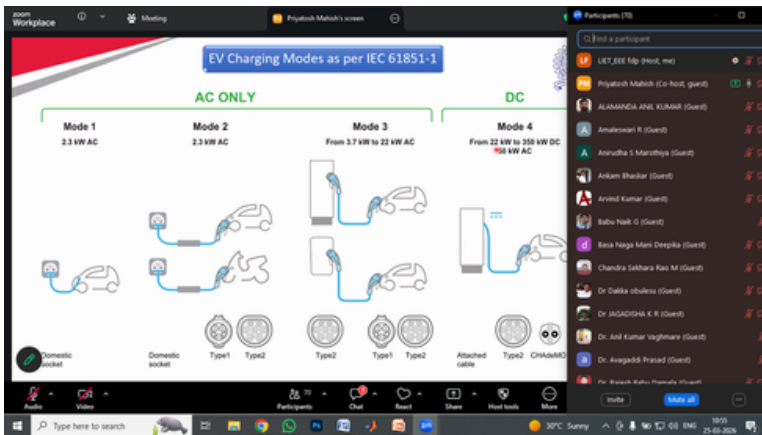
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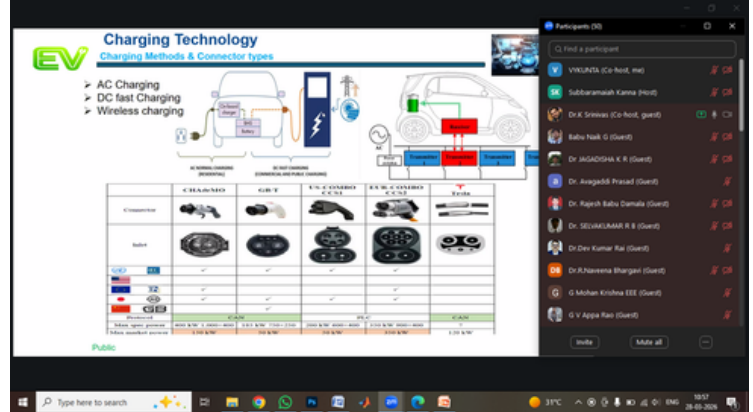
**Dr. Ramesh Gugulothu, Design and Development Engineer, Intelux Electronic Pvt.Ltd, India presented his talk on AI based Battery Management systems (BMS)**



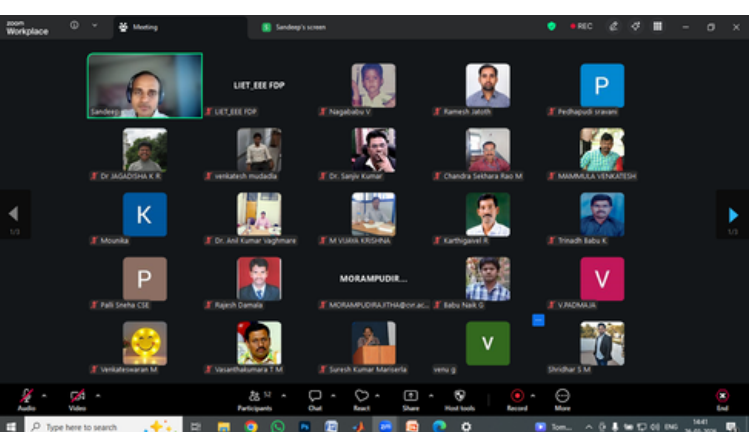
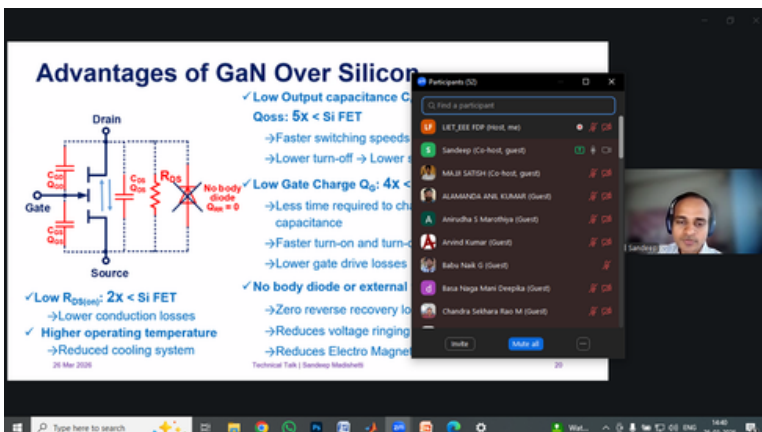
**Dr.Madan Kumar Das, Assistant Professor, NIT Jalandhar delivered his talk on Design and Development of DC fast charger for multiple EVs**



**Dr.Piyatosh Mahish, Assistant Professor, ISM Dhanbad presented his talk on “ Design of Charging stations and V2G Technology”**



**Dr. K.Srinivas, Manager R&D EV Systems, TVS Motors Company, Bangalore, Karnataka delivered his talk on “ EV Charging Technologies and Future Trends”**



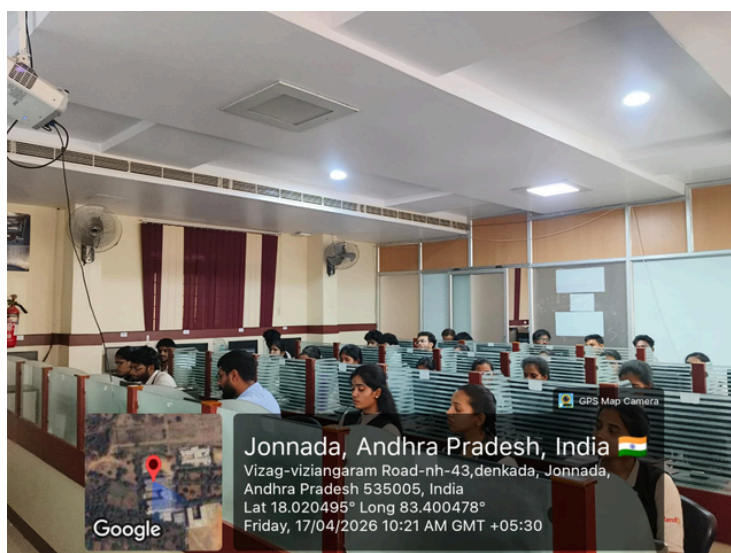
**Dr. Sandeep Madishetti, Lead Engineer, Eaton Industries Pte Ltd, Singapore delivered a talk on “ AI Empowered E-Mobility: Driving the Electric Revolution Towards Sustainability”. Dr.Rajesh Dey, Director, Electrovent LLP, India delivered a talk on “AI & Sensors in Modern EV Technology.**



# STUDENT WORKSHOP BY MCORETA



The Department of Electrical and Electronics Engineering at Lendi Institute of Engineering and Technology successfully organized a two-day workshop on AutoCAD to enhance students' technical drafting and design skills. The workshop provided hands-on training on electrical drawing, circuit layout design, and industrial applications of AutoCAD, enabling participants to gain practical exposure to modern engineering design tools. The program helped students improve their industry readiness and technical competency in computer-aided design and drafting.



# STUDENT PARTICIPATIONS



Peer-to-peer (P2P) energy trading enables prosumers and consumers to directly buy and sell surplus electrical energy within a decentralized smart grid network. It utilizes advanced technologies such as blockchain, smart meters, and IoT for secure, transparent, and real-time energy transactions. P2P energy trading enhances renewable energy utilization, improves grid flexibility, and promotes sustainable and cost-effective energy management.



STUDENTS HYMA AND KAVITHA FROM III EEE HAVE SECURED SECOND POSITION IN PRESENTING THEIR PAPER ON " SMART GRID CYBERSECURITY AND RESILIENCE: CHALLENGES AND SOLUTIONS" AT SANKALP 2K26, A NATIONAL LEVEL TECHNICAL FEST ORGANIZED BY AVANTHI'S RESEARCH & TECHNOLOGICAL ACADEMY. CYBER SECURITY RESILIENCE IS THE ABILITY OF A SYSTEM OR ORGANIZATION TO PREVENT, WITHSTAND, RESPOND TO, AND RECOVER FROM CYBER THREATS WHILE MAINTAINING CONTINUOUS OPERATION.



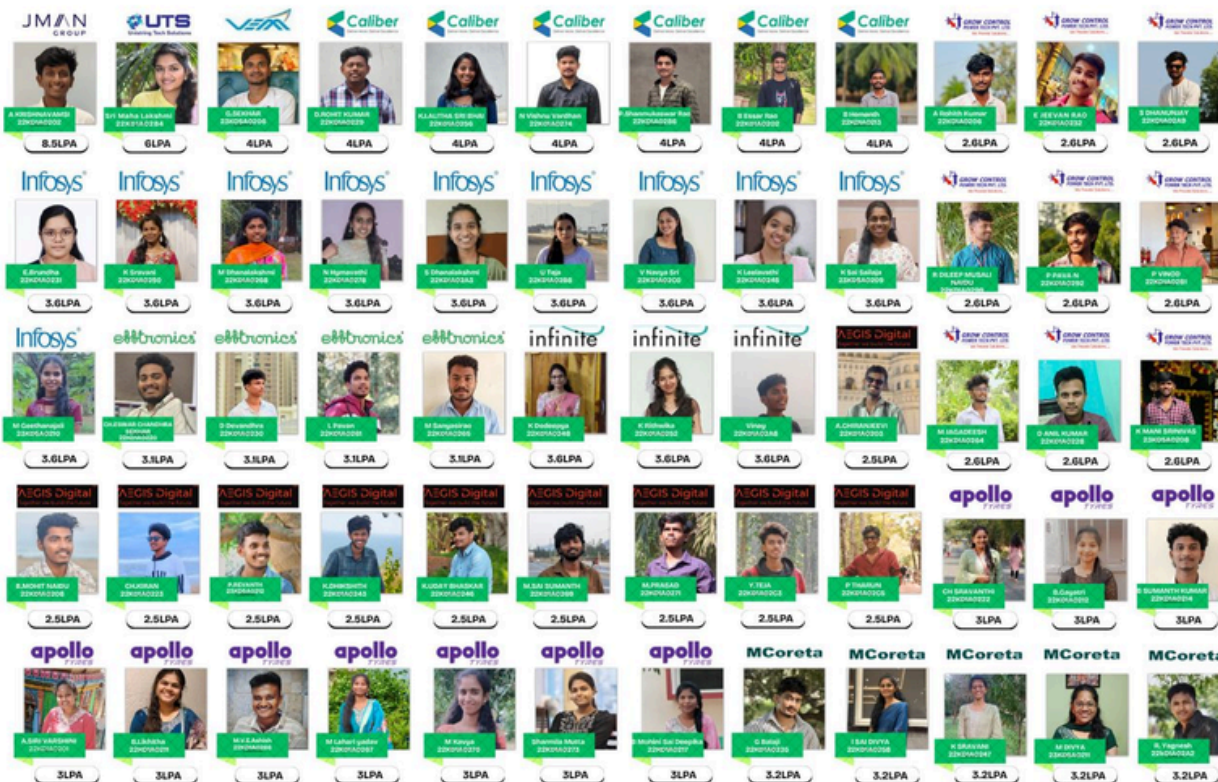
# STUDENT PLACEMENTS

CET CODE  
**LIET** BRANCH CODE  
**EEE**

*Department of*

## ELECTRICAL AND ELECTRONICS ENGINEERING

**Congratulations for Your Achievement**



**lendi**  
AN AUTONOMOUS INSTITUTION

**2026**  
PLACEMENTS

**120+**  
Offers

**91%**  
PLACEMENT RATE

**Why ? Choose EEE@Lendi**

- 01 Industry-Driven Curriculum
- 02 Advanced Labs & Simulation Tools
- 03 Focus on Innovation
- 04 Strong Industry Connect
- 05 Excellent Placement Track Record

**Total Faculty Strength**

|                |    |
|----------------|----|
| Total Faculty  | 26 |
| Doctorates     | 7  |
| Pursuing Ph. D | 14 |

THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING AT LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY PROUDLY CELEBRATES THE OUTSTANDING PLACEMENT ACHIEVEMENTS OF ITS STUDENTS FOR THE 2026 RECRUITMENT SEASON. WITH MORE THAN 120+ OFFERS AND AN IMPRESSIVE 91% PLACEMENT RATE, STUDENTS SECURED OPPORTUNITIES IN REPUTED COMPANIES ACROSS CORE AND IT SECTORS WITH PACKAGES UP TO 8.5 LPA. THE DEPARTMENT EMPHASIZES INDUSTRY-DRIVEN CURRICULUM, ADVANCED LABORATORIES, INNOVATION-FOCUSED LEARNING, AND STRONG INDUSTRY COLLABORATIONS, SUPPORTED BY A DEDICATED FACULTY TEAM COMPRISING EXPERIENCED DOCTORATES AND RESEARCH SCHOLARS.