



Institution Making Students Ready for “Industry 4.0”

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***Editorial
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EEE NEWS LETTER



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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- To provide students with high quality education so that they are well prepared to become high caliber Electrical and Electronics Engineers, and it aspires to grow to the level of gaining global recognition.



- Developing competent technocrats who strive continuously in pursuit of professional excellence in the field of Electrical and Electronics Engineering.
- Developing and sustain a culture of research while promoting values, ethics and professionalism.
- Offering well balanced curriculum to help students acquire professional competencies and to arrange placements for students.
- Developing state of the art infrastructure and research for effective teaching learning process.
- Strengthening of soft skills especially for rural students through co-curricular and extra-curricular activities.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEOs	Content
PEO1	Find employment in Core Electrical and Electronics Engineering and service sectors.
PEO2	Get elevated to technical lead position and lead the organization competitively.
PEO3	Enter into higher studies leading to post-graduate and research degrees. Become consultant and provide solutions to the practical problems of core organization.
PEO4	Become an entrepreneur and be part of electrical and electronics product and service industries.

PROGRAM OUTCOMES (POs)

POs	Title	Content
PO1	Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering Problems.
PO2	Problem analysis	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering Sciences.
PO3	Design/development of solutions	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	Conduct investigations of complex problems	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	Modern tool usage	Create, select, and apply appropriate techniques, resources, and modern engineering and communication tools including prediction and modeling to complex engineering activities with an understanding of the limitations .

PO6	The engineer and society	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the Professional engineering practice.
PO7	Environment and sustainability	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
PO8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and team work	Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	Communication	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Project management and finance	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life-long learning	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSOs	Content
PSO1	Foundation of Electrical Engineering: Ability to understand the principles and working of electrical components, circuits, systems and control that are forming a part of power generation, transmission, distribution, utilization, conservation and energy saving. Students can assess the power management, auditing, crisis and energy saving aspects.
PSO2	Foundation of Mathematical Concepts: Ability to apply mathematical methodologies to solve problems related with electrical engineering using appropriate engineering tools and algorithms.
PSO3	Computing and Research Ability: Ability to use knowledge in various domains to identify research gaps and hence to provide solution which leads to new ideas and innovations.

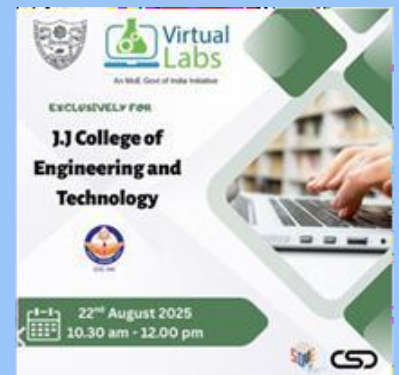
MAJOR EVENT

On 15th August 2025, J.J. College of Engineering and Technology proudly celebrated the 79th Independence Day with great enthusiasm and patriotism. The celebration began with the hoisting of the National Flag, followed by the singing of the National Anthem. The program included patriotic songs, cultural events, and inspiring speeches that highlighted the significance of freedom and the sacrifices made by our great leaders.



Event

We are delighted to share that an exclusive Virtual Labs session (an MoE Government of India initiative) was successfully conducted for J.J. College of Engineering and Technology on 22nd August 2025. The session provided valuable hands-on exposure to online laboratories, effectively bridging theory and practical application, while enriching the learning experience.



Campus to Corporate Connect Session – Successfully Conducted at JJCET

The Campus to Corporate Connect Session, organized by J.J. College of Engineering and Technology on 13th August 2025, was successfully conducted in the college auditorium.

The session was themed “**Future Proof – Thriving in a Career Shaped by AI, Automation, and Next Gen Tech**” and was graced by eminent speakers from HCLTech:

- Mr. Srinivasa Ragavan Parthasarathi, Global Technology Director, HCL Tech, Bangalore,
- Dr. Ilango Paramasivam, Group Technical Manager, Engineering and R&D Services, HCL



STUDENTS ACHIEVEMENTS

Our final-year students from the EEE Department (Batch: 2021- 2025) have been successfully placed at Caterpillar with a package of ₹3.00 LPA. → **Selected Students:** • Mr. SivaBalan S, Mr. Karthick M.

