Technical Tracks

Signal Processing and Communication Systems: Analog and digital signal processing, Mixed mode signal processing, Image & sound processing, Remote sensing, Remote computing systems, Low power VLSI design, VLSI for Communication.

Electronics, Communication & Signal Processing: Digital and analog VLSI design, System-on-Chip (SoC) and Network-on-Chip (NoC) architectures, Embedded systems and real-time operating systems,

Intelligent Transportation and E-Mobility Technologies: Autonomous and connected vehicle technologies, Electric and hybrid vehicle powertrains, Battery management systems and energy storage, Intelligent traffic management and smart infrastructure, Advanced driver assistance systems (ADAS

Industrial and Biomedical Instrumentation & Sensors: Biomedical signal acquisition and processing, Wearable and implantable medical devices, IoT-enabled instrumentation systems, Precision measurement and calibration techniques.

Artificial Intelligence, Data Analytics, and Intelligent Systems: Machine learning and deep learning algorithms, Explainable AI and trustworthy AI systems, Big data analytics and cloud intelligence, Edge AI and embedded intelligence, Computer vision and pattern recognition, Reinforcement learning and adaptive systems.

Cybersecurity and Cyber-Physical Systems: Secure control and estimation, Intrusion detection and attack-resilient systems, Cryptography and secure communication protocols, Cyber-physical system modeling and analysis, IoT and industrial cybersecurity.

Aerospace & Avionics Engineering: Avionics systems and flight control, Navigation, guidance, and control, UAVs and unmanned aerial systems, AI in aerospace applications

Robotics, Automation, and Industry 5.0: Autonomous robots and multi-robot systems, Soft robotics and bio-inspired systems, Collaborative AI for Industry 5.0

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About the Conference:

The Department of Electrical Engineering, MNNIT Allahabad has a rich legacy of successfully organizing five successive editions of the International Conference on Power, Control & Embedded Systems (ICPCES-2010, ICPCES-2012, ICPCES-2014, ICPCES-2017, and ICPCES-2023), technically co-sponsored by the IEEE Uttar Pradesh Section and IEEE Joint Society Chapter of IE/PE/CS, MNNIT Allahabad. To continue this tradition and strengthen the department's contribution to global research dissemination, it is proposed to organize the 6th International Conference on Power, Control & Embedded Systems (ICPCES-2026) during **Dec 18–20, 2026**, at MNNIT Allahabad. The proposed conference aims to provide an international platform for academicians, researchers, and industry professionals to share their research outcomes, exchange innovative ideas, and foster collaborations in emerging interdisciplinary domains. The student researchers and academicians from various reputed institutes will be invited for presentations, deliberations, and discussions. The technical program will comprise of keynote and tutorial sessions delivered by academic and industry experts of repute, and involve students' research work through oral presentations and technical exhibitions, etc.

About Electrical Engineering Department

The Electrical Engineering Department (EED) came into existence in the year 1961, with the objective to produce technical man power of high quality and promote research and development activity. With a modest beginning of introducing four year BE degree course in 1961, a post graduate programme in Electrical Machine / Power System / Control System was introduced in the year 1970-71. Currently, EED offers courses leading to a Bachelor of Technology in Electrical Engineering, Post Graduate and Ph.D programs in (*i*) Power Electronics and Drives (*ii*) Control & Instrumentation and (*iii*) Power System. The department has qualified and experienced faculty in all the related fields of Electrical Engineering viz. Electrical Power System, Electrical Machines, Control & Instrumentation and Power Electronics. The vision of the Department is to produce globally competitive technical manpower with sound knowledge of theory and practice, with a commitment to serve the society and to foster cutting edge research in Electrical Engineering pertaining to the problems currently faced by the country and the world.

6th International Conference on Power, Control & Embedded Systems (ICPCES–2026)

Theme

Empowering Sustainable Energy and Technology Solutions

November 27th – 29th, 2026

Call for Papers

Important Dates [Tentative]

Submission opens:	March 23, 2026
Submission deadline:	June 20, 2026
Acceptance notification:	September 5, 2026
Registration deadline:	November 1, 2026

Organized by

Department of Electrical Engineering
Motilal Nehru National Institute of Technology Allahabad
Prayagraj, U.P. - 211004, India

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Instructions for Authors:

1. Atleast one author of each submitted paper must be a student.
2. Prospective authors are invited to submit original and unpublished papers in the conference.
3. Paper(s) should be submitted in specified paper template available on website.
4. As per the conference norms, the papers submitted will undergo a peer review process for acceptance. The papers will be reviewed by the technical experts.
5. The conference will have oral sessions.
6. High quality original papers as per the standards of the conference will be accepted under oral session.
7. Technical program committee of the conference will decide the inclusion of paper in the conference proceedings.
8. All the papers should be submitted through on-line paper submission process. Refer paper submission link on website for paper submission.
9. All the papers will be checked for plagiarism and papers that violate the conference publication principles will be summarily rejected.

For more information and updates please visit conference website www.mnnit.ac.in/sces2027

Registration Fees (Including GST@18%):

Category	Participants From India (INR)	Participants From other Countries (USD)
Student	6500	500
Academia	8800	550
Industry	9800	600

* IEEE Members and student members will get discount. For details refer website.

Sponsorship Opportunities:

Category	Sponsorship Fee (INR)
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