



भारतीय  
प्रौद्योगिकी  
संस्थान  
उत्तर प्रदेश विश्वविद्यालय



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
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Technically & Financially sponsored by  
**IEEE**  
UP SECTION (INDIA)

## 12th IEEE Conference on UP Section Dec 13-15, 2025 | Varanasi, UP, India

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### CALL FOR PAPERS

The 12th "IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON-2023)" will be held at IIT (BHU), Varanasi, India from 13-15 December 2025. UPCON is the top notch International conference covering broad top topics in the areas of Electrical, Computer and Electronics Engineering. UPCON conference is organized annually at various locations in Uttar Pradesh (UP). Prior to this, first ten series of UPCON conferences were organized at GCET, Greater Noida (2014), Indian Institute of Information Technology Allahabad (IIITA), Allahabad (2015), Indian Institute of Technology (IIT-BHU) Varanasi (2016) and GLA University (GLAU) Mathura (2017), MMMUT Gorakhpur (2018), AMU Aligarh (2019), MNNIT Allahabad (2020) and Tula's Institute Dehradun (2021), IIIT Allahabad (2022), Amity University (2023), and SRMCEM (2024) respectively. This conference will provide an excellent platform to the researchers to present their Research work and is known as the UP-section's conference.

The conference is technically and financially sponsored by IEEE UP Section. There are multiple tracks in the conference covering almost all areas of Electrical, Computer & Electronics Engineering. Uttar Pradesh section is located in region 10 and is represented at the India council. This section organizes various activities throughout the year. Conference Proceedings will be abstracted and indexed by IEEE xplore.

### Conference Tracks

- Cyber physical systems and network
- Applied machine and deep learning
- EM propagation, material properties and measurements
- Microwave/ mm-Wave communication and imaging
- Aerospace energy conversion system
- Sustainable Electric mobility and Charging Infrastructure
- Power converter technologies, modulation and control
- Grid forming techniques, renewable energy sources, distributed generation and grid interconnection
- Devices, FPGA, VLSI and Embedded systems
- Multilevel and Multi-output converters for Electric Drives
- Industrial motor drives and automation
- Digital twins, cloud design and simulation techniques for energy conversion system
- Green Hydrogen and Storage technologies for sustainable energy systems
- Smartgrid and Microgrid technologies
- Evolving Technologies for Stability Assessment and Protection of IBR penetrated Power Networks
- Energy Management and Trading in Modern Power Systems
- Robust control, decentralized control and networked control systems
- Non-linear control
- Condition monitoring, High-voltage and insulation engineering, FACTS, HVDC, MTDC Systems
- Signal processing

### IMPORTANT DATES:

**Digest Submission Deadline**

**31th May, 2025**

**Acceptance Notification:**

**10th August, 2025**

**Camera Ready Paper Submission: 10th September, 2025**

**VENUE: IIT (BHU), Varanasi**

**IEEE Conference Record  
# 66414**

**\*\*All the accepted and presented papers will be published in the form of e-proceedings and will be submitted to IEEE Xplore Digital Library (indexed in SCOPUS, Google Scholar and other major indexing).**

All presented papers will be considered for further review and publication in IEEE Transactions on Industry Applications and IEEE Industry Applications Magazine."

**Paper Submission Link:**

