



भारतीय
प्रौद्योगिकी
संस्थान



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY



Technically & Financially sponsored by
IEEE
UP SECTION (INDIA)

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

COMMITTEE

Chief Patron: Prof. Amit Patra (Director, IIT BHU)

Patrons:

- Prof. S.N. Singh (AVB-IIITM Gwalior)
- Prof. J. Ramkumar (IIT Kanpur)
- Prof. S.C. Srivastava (IIT Kanpur)
- Prof. Asheesh K. Singh (MNNIT Allahabad)

Honorary General Chairs:

- Prof. Yogesh S. Chauhan (IIT Kanpur)
- Prof. R. Mahanty (IIT BHU)
- Prof. Mohd Riham (AMU)
- Prof. Akshay Rathore (SIT, Singapore)

General Chairs:

- Prof. R.K. Singh (IIT BHU)
- Prof. V.N. Lal (IIT BHU)

General Co-Chairs:

- Prof. Satish K. Singh (IIIT Allahabad)
- Prof. Varun Kakar (BTKIT Dwarahat)
- Prof. Devender Singh (IIT BHU)
- Prof. Kishore P. Sarawadekar (IIT BHU)

Conference Secretaries:

- Prof. M.K. Verma, Prof. Sandip Ghosh (IIT BHU)
- Dr. Somak Bhattacharya, Dr. Avirup Maulik, Dr. Shivam Verma (IIT BHU)
- Dr. Atul Kumar, Dr. Mayank Swarnkar (IIT BHU)

Finance Chair:

- Dr. V.N. Lal (IIT BHU)

Publication Chairs:

- Dr. Jaison Mathew (GEC Thrissur), Dr. Anubrata Das, Dr. Subho Paul & Dr. Arup K. Das (IIT BHU)
- Dr. Asha Rani (Nit Silchar), Dr. Phaneendra Babu Bobba (GRIET Hyderabad), Dr. Raghvendra Kumar Chaudhary (IIT Kanpur), Dr. Manoj Kumar Debnath (SOA University), Dr. Chirodip Bakil (IIT Kharagpur)

Sponsorship Chairs:

- Dr. Shyam Kamal & Dr. Avirup Maulik (IIT BHU)
- Dr. Dipti Saxena (MNIT Jaipur), Dr. Ritesh Keshari (VNIT Nagpur)

Hospitality Chairs:

- Dr. Naveen Yalla, Dr. N.K. Swami Naidu, Dr. Prasenjit Chanak (IIT BHU)

Plenary Chairs:

- Dr. R.K. Saket, Dr. S.R. Mohanty, Dr. S.K. Singh, Dr. J.C. Pandey (IIT BHU)
- Dr. Sunanda Sinha (MNIT Jaipur), Dr. Akhilesh Tiwari (IIIT Allahabad), Dr. Avadhesh Kumar (Galgotias University), Dr. Prabhakar Tiwari (MMUT Gorakhpur)

WIE Chairs:

- Dr. Kalpana Chaudhury (IIT BHU)
- Dr. Ravita Lamba (IIT Roorkee)

SYP Chair:

- Dr. Kaushik Basu (IISc Bangalore)

International Advisory Committee:

- Dr. Brij N. Singh & Dr. Danan Dou (John Deere)
- Dr. Sanjeet Dwivedi (SGRE)
- Dr. Victor Veliadis & Dr. Subhashish Bhattacharya (NCSU)

National Advisory Committee:

- Dr. Bhim Singh, Dr. Santanu K. Mishra, Dr. B.K. Panigrahi (IIT Delhi)
- Dr. Siddhartha Mukhopadhyay & Dr. Subhashish Basu (IIT Kharagpur), Dr. K. V. Srivastava (IIT Kanpur)
- Pankaj Achutan (NAL Bangalore)

Web Management:

- Dr. Chinamaya KA, Dr. Anubrata Das, Saksham Agrawal, Rohit Kumar (IIT BHU)

PhD Colloquium Chair:

- Dr. R.K. Mishra (IIT BHU)

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.

Topics of interest include, but are not limited to

- Grid forming technologies
- Renewable energy and applications
- Sustainable energy
- E-mobility and aviation applications
- Industrial motor drives
- Electronics packaging
- Energy storage systems
- Condition monitoring
- Electron device and circuit system
- Instrumentation and measurement
- Biomedical signal processing
- Antenna design and technologies
- Image processing
- Artificial Intelligence and robotics
- Big data
- Remote sensing

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

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).**

Paper Submission Link:



**IEEE POWER
ELECTRONICS SOCIETY**
Powering a Sustainable Future



**IEEE ELECTRONICS
PACKAGING
SOCIETY**