Technical Tracks

Following are the technical tracks and topics for the technical papers to be submitted in the conference.

Power, Energy & Control:

Control Systems, Instrumentation & Measurement, Dielectrics & Electrical Insulation, EHV AC & HVDC Transmission, Electric Vehicle/ Mobility, Energy storage & Battery Charging Techniques, Industrial Drives & Applications, Intelligent Transportation Systems, Power Electronic Converters, Power Quality & EMI, Power System Operation & Control, Power System Protection, Regulation & Electricity Market, Robotics & Automation, Smart Grid & Micro Grid Technologies, etc.

Electronics, Communication & Signal Processing:

Antennas & Propagation, Circuits & Systems, Communication, Consumer Electronics, & Electromagnetics, Electron Devices & Solid-State Circuits, Micro & Nano-electronics, Photonic Technology & Applications, Optical Communication, RF, Microwave, & Millimetre Wave Techniques, Ultrasonic, Ferroelectrics, Sensors & Sensing Systems, Signal, Image & Video Processing, VLSI design, Wireless Technologies, etc.

Computational Intelligence & Machine Learning:

Artificial & Augmented Intelligence and their applications, Big Data Analysis, Biometrics & RFID, Computational Intelligence, Computer Networks, Computer Vision, Image & Video Processing, Internet of Things, Machine learning, Wireless Networks & Security, 5G Networks & Cloud Computing, etc.

Mechanical Systems and Mechatronics:

Aerospace Engineering, Computational Fluid Dynamics, Composite Materials, Heat & Mass Transfer, Manufacturing Technology, Mechatronics, MEMS, Refrigeration & Cryogenics, Smart Materials & Mechanics, Solid Mechanics, etc.

Applied Sciences:

Applied Superconductivity, Bioinformatics, Biomedical Engineering, Computational Biology, Healthcare & Agriculture etc., Engineering in Medicine & Biology, Geo-informatics and Transportation Engineering, Geoscience & Remote Sensing, Nano-biotechnology & Applications, Nuclear Science, Pervasive Computing, Social & Humanitarian Implications of Technology, Statistical Methods, Stability Theory, etc.

Contact Us:

Dr. Niraj K. Choudhary, +91-9455691568
Dr. Vishal Kumar Gaur, +91-7253046186
Dr. Arvind K. Prajapati, +91-7607276799

Email: sces.mnnit@gmail.com, niraj@mnnit.ac.in, vkgaur@mnnit.ac.in, arvindkp@mnnit.ac.in

About the Conference:

The Department of Electrical Engineering, Motilal Nehru National Institute of Technology Allahabad has successfully organized eight successive students' conferences titled: "**Students' Conference on Engineering and Systems (SCES-2012, SCES-2013, SCES-2014, SCES-2015, SCES-2019, SCES-2020, SCES-2022 & SCES-2024)**", which were technically sponsored by the IEEE Uttar Pradesh Section and co-sponsored by the IEEE Joint Society Chapter of IE/PEL/CS (Industrial Electronics/ Power Electronics/ Control System). Department is organizing the ninth sequel conference of SCES to motivate student scholars working in the area of Engineering and Systems. The conference will focus on the emerging areas in the field of Power, Energy & Control, Electronics, Communication & Signal Processing, Computational Intelligence & Machine Learning, Mechanical Systems and Mechatronics, Applied Sciences, etc. The aim of the conference is to provide a platform for research students to present original work done by them which leads to sharing of knowledge at a highly technical platform. The student researchers and academicians from various reputed institutes will be invited for presentations, deliberations, and discussions. It is proposed to have a 3-day program during **Mar 12th – 14th, 2027**. 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.

9th Students' Conference on Engineering and Systems (SCES–2027)

Theme

Empowering Sustainable Energy and Technology Solutions

March 12th – 14th, 2027
(Hybrid Mode)

Call for Papers

Important Dates [Tentative]

Submission opens:	September 01, 2026
Submission deadline:	November 15, 2026
Acceptance notification:	January 10, 2027
Registration Open:	February 05, 2027
Camera ready paper deadline:	February 10, 2027

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	5900	100
Persons from Academia/Industry	8260	200

* IEEE Members and student members will get 10% discount.

Sponsorship Opportunities:

Category	Sponsorship Fee (INR)
Platinum	1,00,000
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