



INDERPRASTHA ENGINEERING COLLEGE

Shaping Engineers and Leaders for Future



1st IEEE International Conference

on

Intelligent and Sustainable Computing Systems (ICISCS 2026)

**Technically Co-Sponsored
by
IEEE U.P. Section (India)**



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(OFFLINE MODE)

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Organized By:

Inderprastha Engineering College Ghaziabad, U.P, India

63 Site IV, Sahibabad Industrial Area, Sahibabad
Ghaziabad-UP. PIN Code-201010



Website Link : <https://www.ipec.org.in/iciscs/>



Conference E-Mail : iciscs2026@ipec.org.in

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ABOUT THE INSTITUTION

Inderprastha Engineering College (IPEC) is one of the most preferred institutions for engineering and technology education in Ghaziabad and the Delhi–NCR region. Recognized as a leading private engineering college in Uttar Pradesh, IPEC was established in 2000 under the aegis of Shail Garg Shiksha Sansthan, a non-profit educational society. IPEC is committed to excellence in teaching, research, innovation, extension activities, leadership development, and entrepreneurship. The institute is NAAC accredited, with its CSE, ECE, and IT departments accredited by NBA, and is also an ISO 9001:2015 certified institution.

The college offers a wide range of programs, including M.Tech. (CSE) and B.Tech. specializations in CSE, CSE (AI), CSE (AI-ML), CSE (Data Science), IT, ECE, ME, BBA, BCA, MBA, and MCA catering to the diverse aspirations of more than 3000 learners.

With over 25 years of academic excellence, a strong alumni network of 15,000+ graduates, and an impressive placement record featuring 200+ top recruiters, IPEC continues to stand out as one of the best engineering colleges in Ghaziabad and Delhi NCR.

ABOUT THE CONFERENCE

The International Conference on Intelligent and Sustainable Computing Systems (ICISCS 2026) explores the convergence of intelligent computational paradigms and sustainable technological practices. As global digital infrastructures expand, the need for computing systems that are efficient, adaptive, secure, and environmentally responsible has become imperative. The theme of the International Conference on Intelligent and Sustainable Computing Systems (ICISCS 2026) revolves around the transformative convergence of intelligent technologies and sustainable computing practices to address emerging global challenges. ICISCS 2026 emphasizes the role of next-generation technologies—such as Artificial Intelligence (AI), Machine Learning (ML), Internet of Things (IoT), cyber-physical systems, cloud and edge computing, green computing, and data-driven decision-making—in creating solutions that enhance efficiency, reduce resource consumption, and promote societal well-being. The theme underscores the importance of designing computing architectures and algorithms that prioritize sustainability, scalability, and resilience in the face of rapid technological advancements. The conference serves as a global platform for researchers, engineers, academicians, industry leaders, and practitioners to exchange knowledge, showcase emerging solutions, and collaboratively advance next-generation sustainable computing ecosystems. Through keynotes, technical tracks, workshops, and industry showcases, ICISCS 2026 aspires to lead the scientific community toward building responsible, scalable, and sustainable intelligent technologies for the future.



Call for Papers

Track 1: Intelligent Computing & Artificial Intelligence

Explore innovations in AI that drive efficiency, automation, and intelligent decision-making.

- Machine learning, deep learning, and reinforcement learning
- Explainable, interpretable, and ethical AI
- Cognitive and autonomous systems
- Federated and distributed AI models
- Neuromorphic and brain-inspired computing
- AI optimization for energy-efficient computation

Track 2: Sustainable & Energy-Efficient Computing

Focus on computing models that minimize carbon footprint and promote eco-friendly digital infrastructures.

- Green computing architectures
- Low-power hardware and processor design
- Energy-aware scheduling, optimization, and resource allocation
- Carbon-neutral and carbon-aware computing strategies
- Sustainable cloud and fog computing
- Thermal management and power-efficient data centers

Track 3: IoT & Cyber Security

Research advancing secure, resilient, and intelligent Internet of Things ecosystems and cyber security.

- Secure IoT Architectures and Protocols
- IoT Threat Detection and Anomaly Analysis
- Cyber Security for Smart Cities and Critical Infrastructures
- Cyber-Physical Resilience and Safety
- Privacy and Data Protection in IoT
- Blockchain and Distributed Security for IoT
- Secure Edge, Fog, and Cloud Integration
- Human-Machine Interaction and Security Awareness

Track 4: High-Performance, Scalable & Future-Generation Computing

Address innovations in advanced computing paradigms shaping the future.

- Parallel, distributed, and high-performance computing
- Quantum computing and quantum-inspired algorithms
- Scalable architectures for large-scale applications
- Performance modeling and evaluation
- Lightweight and scalable system design
- Cloud–edge–device continuum

Track 5: Secure, Resilient & Ethical Computing Systems

Explore sustainability from the perspective of security, resilience, and responsible technology use.

- Sustainable cyber defence strategies
- Privacy-preserving computation
- Blockchain for trust and transparency
- Ethical frameworks for intelligent systems
- Resilient and fault-tolerant computing
- Secure green communication networks

Track 6: Data Science, Analytics & Sustainable Decision Intelligence

Harness data intelligence for societal and environmental benefits.

- Big data analytics for sustainability
- Green data pipelines and eco-conscious data storage
- Predictive modelling, simulations, and environmental forecasting
- Energy-efficient data management
- Sustainable AI for policy and planning
- Responsible data governance

Track 7: Emerging Technologies & Interdisciplinary Innovations

Showcase transformative advancements that push the boundaries of intelligent and sustainable computing.

- Bio-inspired and nature-inspired computing
- Human–AI interaction for sustainability
- AR/VR, digital twins, and metaverse applications
- Next-generation communication networks (6G and beyond)
- Sustainable robotics and autonomous systems
- Hybrid and cross-disciplinary research models



Conference Committee

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AKTU, Lucknow, U.P.

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Advisor,IEEE UP Section
IIT Kanpur, U.P.

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PAPER SUBMISSION GUIDELINES

Instruction to Authors

- Papers must be original , unpublished , and not under review elsewhere.
- Manuscripts should follow the conference formatting template (to be provided).
- All submissions must be made electronically through the conference management system.
- At least one author must register to present the accepted paper.
- Each paper will undergo double-blind peer review .

Paper Submission Link: <https://cmt3.research.microsoft.com/ICISCS2026>.

Scan QR Code



Paper Submission

Registration Details

Category	IEEE Members (INR)	Non-IEEE Members (INR)
Student	6000	7000
Professional	7000	8000
Industry Participants	7000	8000
Foreign Participants	200(USD)	250(USD)
Attendee only	2000	2500
Any other (Foreign Student)	100(USD)	150(USD)

IMPORTANT DATES

Last Date of Full Paper Submission:	17th August, 2026
Last Date of Acceptance Notification:	23rd October, 2026
Last Date of Author/Participants Registration:	12th November, 2026
Last Date of Camera Ready Paper Submission:	16th November, 2026

CONTACT US

Inderprastha Engineering College

63 Site IV, Sahibabad Industrial Area,
Sahibabad, Ghaziabad-U.P. PIN Code-201010
9891039510, 9818681309
9871278541, 9810344535



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Conference E-Mail : iciscs2026@ipec.org.in