



The Technological Institute of Textile & Sciences



INTERNATIONAL CONFERENCE

on Computing, Artificial Intelligence, and Interdisciplinary Research

About the Institute

Established in 1943 by the visionary Dr. Ghanshyam Das Birla under the Birla Education Trust, the Institute has built a distinguished legacy that recently culminated in its Platinum Jubilee milestone. Currently affiliated with Maharshi Dayanand University, Rohtak, and approved by AICTE and the Govt. of Haryana, it offers a comprehensive range of Undergraduate, Postgraduate, and Doctoral programs. The Institute is defined by its disciplined academic culture, erudite faculty, and an enviable global alumni network that supports consistent placement success. Combining a rich heritage with a forward-looking approach, it continues to excel as a premier center for quality education and research well into the twenty-first century.

About the Department

Founded in 1986, the Department of Computer Engineering is dedicated to producing skilled professionals through a curriculum that balances theoretical foundations with practical industry applications. The department currently offers a Bachelor's in Computer Engineering, a Master's in Computer Engineering, and a specialized Undergraduate program in Artificial Intelligence & Data Science. Supported by highly motivated, expert faculty and state-of-the-art laboratory facilities, the department fosters a creative learning environment focused on solving modern technological and societal challenges. This commitment to academic rigor and rapid technological adaptation ensures that graduates are well-prepared for the ever-evolving computing landscape. Our distinguished alumni have established themselves as tech giants in leading MNCs worldwide, reflecting the global impact of our training. Furthermore, we nurture entrepreneurship through our dedicated startup club, "INNOVERGE," which empowers students to transform innovative ideas into reality.

About the Conference

The conference aims to provide a dynamic platform for academicians, researchers, industry professionals, and students to exchange ideas and showcase innovations shaping the future of digital transformation. The conference focuses on recent advances in AI-driven systems, intelligent communication networks, data analytics, machine learning, Internet of Things (IoT), cybersecurity, and next-generation computing technologies. It encourages interdisciplinary research and collaboration to address real-world challenges, promote sustainable and secure technological solutions, and bridge the gap between theory and practical applications. Through keynote lectures, technical sessions, and paper presentations, the conference seeks to foster knowledge sharing, innovation, and global collaboration in rapidly evolving technological domains.



Tracks

Track 1: Sustainable Artificial Intelligence & Data Sciences

- Development of energy-efficient AI architectures, Green AI, and sustainable machine learning algorithms.
- Big Data Analytics applications in climate modeling, resource management, and ethical AI.

Track 2: Advanced Computing

- Innovations in High-Performance Computing (HPC), Quantum Computing, and serverless architectures.
- Advancements in Cloud, Fog, and Edge Computing infrastructures for real-time processing.

Track 3: Information and Cyber Security

- Next-generation network security, cryptography, and intrusion detection systems.
- Security and privacy frameworks for Blockchain, IoT, and Cloud environments.

Track 4: Communication Systems & Networks

- Evolution of 5G/6G wireless technologies, massive MIMO, and signal processing.
- Software Defined Networking (SDN) and advancements in optical communication systems.

Track 5: Emerging & Future Technologies

- Smart City ecosystems, Industrial IoT (IIoT), and autonomous robotic systems.
- Immersive technologies including Augmented Reality (AR), Virtual Reality (VR), and the Metaverse.

Track 6: Management Innovation & Technology Entrepreneurship

- Strategies for digital transformation, organizational agility, and IT management.
- Innovations in FinTech, e-commerce, and technology-driven entrepreneurship.

Track 7: Applied Sciences and Interdisciplinary Research

- Mathematical modeling, optimization techniques, and computational physics.
- Cross-disciplinary research bridging engineering, bio-informatics, and environmental science.



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Call For Papers

COMPUTE-X 2026: International Conference on Computing, Artificial Intelligence, and Interdisciplinary Research

Theme

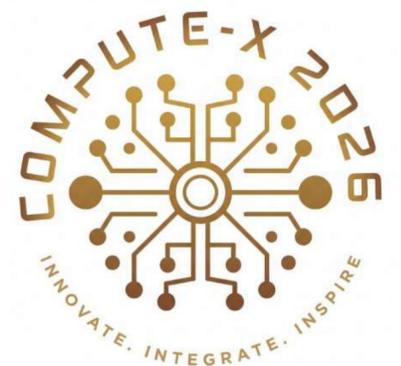
The "Synergy" Focus:
From Theoretical Foundations to Real-World Intelligent Solutions

SUBMISSION GUIDELINES

Manuscript Type: Full Paper
Paper Length: 5–7 pages (including figures, tables, and references)
Abstract Length: 250–300 words
Review Process: Double-blind peer review
Originality: Manuscripts must be original, unpublished, and not under review elsewhere.
Plagiarism Policy: Papers must be free from plagiarism. Similarity Index must be less than 15%, as verified using standard plagiarism detection tools.

11th April, 2026
HYBRID MODE

09:00 AM – 05:00PM



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Publication Opportunity

Registered paper will be published as book chapter or Conference Proceedings with ISBN Number.

Registration Form:



Important Dates

Abstract Submission Deadline
20.02.2026

Acceptance intimation
25.02.2026

Full Paper Submission
10.03.2026

Author Registration
15.03.2026

Registration Fee

OVERSEAS PARTICIPANT

Students/Scholars ₹500
Faculty/Academicians ₹1000
Industry Professionals ₹2000

LOCAL PARTICIPANT

Students/Scholars ₹500
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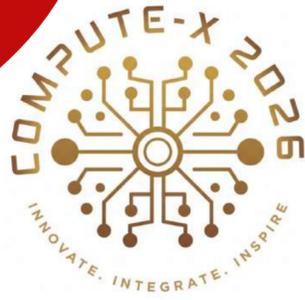
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