

INTERNATIONAL CONFERENCE ON
**ARTIFICIAL INTELLIGENCE FOR SUSTAINABILITY
AND INTELLIGENT SYSTEMS**

 January 24, 2026 • Hybrid Mode

Call For Papers
 NMAM Institute of Technology, Nitte

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NMAM Institute of Technology, Nitte is organizing Scopus Indexed International Conference on Artificial Intelligence for Sustainability and Intelligent Systems (IC-AISIS'26)

The International Conference on Artificial Intelligence for Sustainability and Intelligent Systems (IC-AISIS'26) aims to provide a global interdisciplinary platform for the presentation and discussion of cutting-edge research, innovations, and real-world applications of Artificial Intelligence (AI) in the domain of sustainability. Scheduled for January 24, 2026, at NMAM Institute of Technology, Nitte, this hybrid event (in-person + virtual) will gather academicians, researchers, industry professionals, policymakers, and students to address sustainability challenges through AI-driven intelligent systems.

Track 1: Intelligent Infrastructure and Interactive Technologies

- Visual Computing and Augmented/Virtual Environments
- Vehicular and Mobile Networked Systems
- Sensors and Intelligent Actuation
- Human-Computer Interaction and Adaptive Interfaces
- Conversational AI and Speech Processing Systems
- Urban Infrastructure and Smart Governance Platforms
- Cyber-Physical Systems for Built Environments
- App Ecosystems and AI-Enabled User Platforms
- Business Intelligence and Sentiment-Aware Applications

Track 4: Embedded Intelligence and VLSI Design

- Embedded Architectures and Real-Time Operating Systems
- Microcontroller Systems in Industrial and Medical Domains
- On-Device Machine Learning and TinyML
- Embedded Cybersecurity and Cryptographic Hardware
- System-on-Chip (SoC) and Semiconductor Devices
- Bio-Inspired Electronics and Smart Wearables
- Drone Systems and Unmanned Embedded Platforms
- Edge AI for Industrial Automation
- From Industry 4.0 to Industry 5.0 Transitions

Track 2: Cognitive Computing and Autonomous Systems

- Artificial Intelligence and Deep Learning Architectures
- Machine Learning for Physical and Sensor Data
- Internet of Things and Embedded Intelligence
- Pattern Recognition and Perceptual Systems
- Wearable and Assistive Technologies
- Neural and Knowledge-Based Systems
- Smart Grids and Autonomous Control Systems
- Wireless Communication and Optical Networking
- Biomedical Signal Processing and Predictive Analytics

Track 5: AI-Driven Materials and Sustainable Nanotechnologies

- AI for Materials Design, Discovery, and Prediction
- Smart and Functional Materials for Energy and Sensing
- Nanomaterials and Nanostructured Composites
- Thin Films, Coatings, and 2D Materials
- Computational Materials Science and Molecular Modeling
- Materials for Flexible and Wearable Electronics
- Green and Biodegradable Material Systems
- AI for Characterization Techniques (XRD, SEM, AFM, etc.)
- Photonic, Magnetic, and Quantum Materials
- AI-Driven Materials for Solar Cells, Fuel Cells, and Batteries

Track 3: Sustainable and High-Performance Computing

- Green and Energy-Aware Computing Architectures
- Reconfigurable and Resilient Systems
- High-Performance and Scalable Computing
- Big Data Analytics for Environmental Monitoring
- Urban Simulation and Modeling of Complex Systems
- Blockchain for Decentralized Smart Infrastructure
- Optimization Techniques for Sustainable Informatics
- AI for Resource Allocation and Energy Forecasting
- Disaster Modeling and Smart Response Systems

Important Dates

Call for Papers:	October 25, 2025
Paper Submission Deadline:	November 30, 2025
Notification of Acceptance:	December 10, 2025
Early Bird Registration Deadline:	December 20, 2025
Regular Registration Deadline:	December 25, 2025
Conference Date:	January 24, 2026

Registration Type	Early Bird	Regular
Student Author (UG/PG/PhD)	₹5,000	₹5,500
Student International Author (UG/PG)	\$85	\$100
Attendee (Non Presenting)	₹500	₹1,000

About - Organising Bodies

NMAMIT Student Research Forum (NSRF) is a student-driven initiative committed to cultivating a strong research culture and academic curiosity among undergraduates. NSRF envisions a dynamic platform where students, faculty, and researchers collaborate to explore ideas, share insights, and pursue impactful research. Through paper presentations, journal clubs, faculty-guided projects, research workshops, and interdisciplinary dialogues, NSRF encourages critical thinking and innovation in areas such as Artificial Intelligence, Sustainable Technologies, Biomedical Engineering, and Computational Sciences.

Nitte Centre for Intelligent Devices & Systems (N-CIDS) at NMAM Institute of Technology, Nitte, is a premier hub for research and innovation in Artificial Intelligence and Data Science. Focused on areas like healthcare, finance, education, and smart cities, N-CIDS advances core AI fields such as deep learning, self-supervised and reinforcement learning, and learning from limited data. The center bridges theory and application through strategic collaborations, curated data repositories, and industry-aligned education via workshops and training. By driving applied research, N-CIDS addresses real-world challenges and promotes social and economic progress through impactful AI solutions.

General Chairs

Dr. Vijesh V, Associate Director (R&D), Nitte Off-Campus Center
Dr. Shashank Shetty, Associate Professor, Dept. of CSE, NMAMIT, Nitte
Dr. Mangala Shetty, Associate Professor, Dept of MCA, NMAMIT, Nitte
Dr. N S S Ramakrishna, Assistant Professor Gd-III, Dept. of EEE, NMAMIT, Nitte

Technical Committee

Dr. Ashwin T S, Research Scientist, Vanderbilt University, USA
Dr. Rathinaraja Jeyaraj, Post-Doctoral Fellow, Stanford University, USA
Dr. Shridhar G. Domandal, Postdoc (UK), Senior Technical Specialist, Zensar Technologies
Dr. Shiva Darshan SL, Department of Computer Science and Engineering, NIT Warangal
Dr. Sanjay Bankapur, Assistant Professor, Department of CSE, National Institute of Technology, Puducherry
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Dr. Sanket Salvi, Postdoctoral Researcher, Center of Decision Support Systems and Informatics, School of Global Health Management and Informatics, University of Central Florida
Dr. Dinesh Naik, Assistant Professor, Department of Information Technology, NITK, Surathkal
Dr. Rashmi M, Assistant Professor, Department of Data Science and Computer Applications, MIT, Manipal
Dr. Elakiya Rajasekar, Assistant Professor, Department of Computer Science, BITS Pilani, Dubai
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Dr. Savitha G, Department of Data Science and Computer Applications, MIT, Manipal
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Ms. Priyanka H L, Assistant Professor, Department of ISE, Malnad College of Engineering, Hassan
Mr. Shreekanth Jere, Associate Manager, AI Labs, Accenture Solutions Pvt Ltd, Bangalore

