NITTE (Deemed to be University) | NMAM INSTITUTE OF TECHNOLOGY

INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE FOR SUSTAINABILITY AND INTELLIGENT SYSTEMS

IC-AISIS'26

INTERNATIONAL CONFERENCE ON

ARTIFICIAL INTELLIGENCE FOR SUSTAINABILITY AND INTELLIGENT SYSTEMS

Call For Papers

HINWEIS Research | PUBLISHING PARTNER (SCOPUS INDEXED)

January 24, 2026 • Hybrid Mode

NMAM Institute of Technology, Nitte | https://www.ic-aisis.org/ | ic-aisis@nmamit.in

NMAM Institute of Technology, Nitte is organizing Scopus Indexed International Conference on Artificial Intelligence for Sustainability and Intelligence 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 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 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

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 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

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

While we've outlined key research tracks, we welcome submissions on any relevant topic that aligns with our conference theme of "Harnessing AI to Drive Sustainability Across Industries.

Proceedings, Publication & Indexing

All accepted papers will be forwarded to the publishing partner for inclusion in the conference proceedings and Scopus indexing. Publication and indexing are subject to the publisher's independent review and discretion.

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 the Host Institution - Nitte Deemed To be University

Nitte (Deemed-to-be University) was established by the Nitte Education Trust, founded in 1979 by Late Justice K.S. Hegde, former Supreme Court Judge and Speaker of the Lok Sabha. With a mission to empower rural youth through quality education and healthcare, the Trust now manages 36 institutions across Nitte, Mangalore, and Bangalore, offering programs in health sciences, engineering, management, humanities, vocational training, and school education. AB Shetty Memorial Institute of Dental Sciences (ABSMIDS) became a Deemed-to-be University in 2008. In 2009, KSHEMA, NGSMIPS, NUINS, and NIPT joined. Later additions include NICO (2012), NUCSER (2013), NIA (2015), and NISH (2021), NMAMIT (2022).
The University offers 90+ programs in medicine, dentistry, pharmacy, nursing, engineering, physiotherapy, speech and audiology, biological sciences, media, and architecture. It has 4,600+ students, 575 faculty, and 2,175 staff across a 52-acre campus in Mangalore. Nitte ranks high in the NIRF: dental college 6th, medical and pharmacy colleges 45th (2021). The BPharm program is NBA-accredited, and the hospital is NABH and NABL-accredited.

About NMAMIT

Nitte Mahalinga Adyantaya Memorial Institute of Technology (NMAMIT), Nitte, established in 1986 and recognized by the All-India Council for Technical Education, New Delhi, is now a constituent college of Nitte (Deemed to be University), Mangaluru, since June 2022. Positioned in the Rank band 151-200 in the National Institutional Ranking Framework (NIRF) 2024 by Ministry of Education, Government of India. NMAMIT has active collaborations with several international universities and organizations for faculty and student exchanges, research, internships and placements. The annual sanctioned intake of students is 1620 for BTech and 319 for PG programs of MTech and MCA. NMAMIT has over 6000 students studying on the campus. All the departments have qualified research guides for students interested in taking up research work leading to Ph.D. NMAMIT is housed in a vibrant, serene and green campus at Nitte spread over 125 acres and is nestled in the Western Ghats of Southern India on the way to the Kudremukh ranges. The nearest airport is Mangaluru International Airport (45 km). The nearest railway stations are Udupi (40 km) and Mangaluru (50 km). Nitte is 19 km from NH-66 connecting Kochi (Kerala) and Panvel (Mumbai) and 7 km from NH-169 connecting Mangaluru and Solapur (Maharashtra).

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.

Chief Patron

Shri N. Vinaya Hegde, Chancellor, Nitte (Deemed to be University) & President, Nitte Education Trust, Mangaluru

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UN Sustainable Development Goals Alignment

Primary

Supporting

Registration

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