

INTERNATIONAL CONFERENCE ON

# ARTIFICIAL INTELLIGENCE FOR SUSTAINABILITY AND INTELLIGENT SYSTEMS

24 January 2026 • Hybrid Mode

(Virtual Mode is Only for the participants Outsite Karnataka)

Call For Papers

**NMAM Institute of Technology, Nitte**

<https://www.ic-asis.org/>

[ic-asis@nmamit.in](mailto:ic-asis@nmamit.in)

## 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 24 January, 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:	03 December 2025
Paper Submission Deadline:	8 January 2026
Notification of Acceptance:	12 January 2026
Early Bird Registration Deadline:	15 January 2026
Regular Registration Deadline:	16 January 2026
Conference Date:	24 January 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".

### About 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 44 institutions across Nitte, Mangalore, and Bangalore, offering programs in health sciences, engineering, management, humanities, vocational training, and school education. The University offers 160+ programs in medicine, dentistry, pharmacy, nursing, engineering, physiotherapy, speech and audiology, biological sciences, media, and architecture. It has 27000+ students, 2500+ faculty, and 3000 staff across 3 campuses. The University is ranked among the Top 100 in NIRF University Rankings 2025, placed in the Top 600 of the QS World University Rankings: Asia 2025 and features in the Top 400 of the Times Higher Education Impact Rankings 2024. It is also positioned in the 150+ band of the Times Higher Education World University Rankings 2025. The University is ranked 252 in the UI GreenMetric World University Rankings 2024.

### 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) 2025 by the 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 1700 for BTech and 319 for PG programs of MTech and MCA. NMAMIT has over 7000 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).

### Chief Patron

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

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### Registration



### UN Sustainable Development Goals Alignment

#### Primary



#### Supporting

