INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE FOR SUSTAINABILITY AND INTELLIGENT SYSTEMS

IC-AISIS'27

2ND INTERNATIONAL CONFERENCE ON

ARTIFICIAL INTELLIGENCE FOR SUSTAINABILITY AND INTELLIGENT SYSTEMS

(IC-AISIS'27)

March 8-9, 2027 • Hybrid Mode

(Virtual Mode is Only for the participants Outsite Karnataka)

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."

PUBLISHING PARTNER (SCOPUS INDEXED)

HINWEIS Research

IN ASSOCIATION WITH

RITSUMEIKAN UNIVERSITY

ORGANISED BY

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

Off-Campus Center of Nitte (DU)
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https://nitte.edu.in/nmamit/

REGISTRATION: https://www.ic-aisis.org/2027

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

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Call For Papers

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 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 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

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".

Important Dates

Full Paper Submission Deadline:	15 January 2026
Notification of Acceptance:	05 February 2027
Early Bird Registration Deadline:	20 February 2027
Presentation Schedule Announcement	25 February 2027
Final Conference Program Release	01 March 2027
Conference Date:	08–09 March 2027

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	Regular
Author	₹8,000
International Author	$100
Attendee (Non Presenting)	₹1,000

About Nitte (Deemed to be University)

Nitte (Deemed-to-be University) traces its origins to a group of institutions established by the Nitte Education Trust, founded in 1979 by one of India's respected statesmen, Late Justice K.S. Hegde—former Supreme Court Judge and Speaker of the Lok Sabha. The Trust was established with the mission of empowering rural youth through quality education and healthcare. Over the years, it has grown to encompass 36 institutions located across three campuses in Nitte, Mangalore, and Bangalore, offering education across a wide range of fields including health professions, engineering, management, humanities, general education, vocational training, and school/pre-university education. The AB Shetty Memorial Institute of Dental Sciences (ABSMIDS), which was initially affiliated to Rajiv Gandhi University of Health Sciences, was declared a "Deemed-to-be University" by the Ministry of Human Resource Development on June 4, 2008. Following this, in 2009, the KS Hegde Medical Academy (KSHEMA), Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences (NGSMIPS), Nitte Usha Institute of Nursing Sciences (NUINS), and Nitte Institute of Physiotherapy (NIPT) were also brought under the ambit of the newly formed Deemed-to-be University. In the subsequent years, Nitte Institute of Communication (NICO) was established in 2012, followed by the Nitte University Centre for Science Education and Research (NUCSER) in 2013, and the Nitte Institute of Architecture (NIA) in 2015. The most recent addition to the University is the Nitte Institute of Speech and Hearing (NISH), which was established in 2021.

Today, the University offers a total of 74 programs across various disciplines including medicine, allied health sciences, dentistry, pharmacy, nursing, physiotherapy, speech and audiology, biological sciences, media and communication, and architecture. It is home to more than 4,600 students, supported by 575 faculty members and 2,175 support staff. The University campuses are located over 52 acres in the Deralakatte-Paneer areas of Mangalore.

The constituent colleges of the University continue to maintain strong standings within their respective disciplines in the NIRF framework. In 2021, the dental college was ranked 6th in India, while both the medical and pharmacy colleges were ranked 45th. The BPharm program is accredited by the NBA, and the teaching hospital is accredited by both NABH and NABL

About NMAMIT

NMAM Institute of Technology (NMAMIT). Nitte Mahalinga Adyantaya Memorial Institute of Technology (NMAMIT), Nitte, was established in 1986 and is recognized by the All India Council for Technical Education (AICTE), New Delhi. Since June 2022, it has been a constituent college of Nitte (Deemed to be University), Mangaluru. In the National Institutional Ranking Framework (NIRF) 2023, published by the Ministry of Education, Government of India, NMAMIT was placed in the 101–150 rank band. The college has also been awarded the 'Platinum' category in the AICTE-CII Survey of Industry-Linked Technical Institutes 2020 for its strong industry linkages. Located at Nitte village, NMAMIT serves as an off-campus centre of Nitte DU and maintains active collaborations with several international universities and organizations to facilitate faculty and student exchanges, research activities, internships, and placement opportunities. NMAMIT is situated in a vibrant, serene, and green campus spread over 125 acres in Nitte, nestled in the Western Ghats of Southern India en route to the Kudremukh ranges. The nearest airport is Mangaluru International Airport, located 45 km away. The closest railway stations are Udupi (40 km) and Mangaluru (50 km). Nitte is 19 km from National Highway 66, which connects Kochi (Kerala) and Panvel (Mumbai), and 7 km from National Highway 169, linking Mangaluru and Solapur (Maharashtra)

Chief Patron

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About - Organising Bodies

NMAMIT Student Research Forum (NSRF) The 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. As a key academic wing supporting IC-AISIS'27, NSRF reflects NMAMIT's mission to nurture future researchers and thought leaders dedicated to scientific progress and societal advancement.

Nitte Centre for Intelligent Devices & Systems (N-CIDS) The Nitte Centre for Intelligent Devices & Systems (N-CIDS) at NMAM Institute of Technology, Nitte, serves as a leading research and innovation hub focused on advancing Artificial Intelligence (AI) and Data Science across diverse sectors such as healthcare, finance, education, manufacturing, and smart cities. N-CIDS specializes in foundational AI research, including deep learning, self-supervised learning, reinforcement learning, and learning from limited data, aiming to develop scalable, ethical, and transformative AI solutions for complex global challenges. The center actively bridges theoretical research and practical applications by fostering strategic collaborations, maintaining critical data repositories, and delivering industry-aligned education through workshops, online courses, and specialized training programs. By driving applied research and innovation, N-CIDS contributes significantly to economic and social development, empowering learners and addressing pressing societal issues through impactful AI-driven projects.

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Registration

UN Sustainable Development Goals Alignment

Primary

Supporting