

INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE FOR SUSTAINABILITY AND INTELLIGENT SYSTEMS

📅 October 3-4, 2025 • Hybrid Mode

Call For Papers

 **NMAM Institute of Technology, Nitte**

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

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NMAM Institute of Technology, Nitte is organizing Scopus Indexed International Conference on Artificial Intelligence for Sustainability and Intelligence Systems (IC-AISIS'25)

The International Conference on Artificial Intelligence for Sustainability and Intelligent Systems (IC-AISIS'25) 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 October 3-4, 2025, 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: AI for Environmental and Sustainable Development

- AI for climate change prediction and mitigation
- Renewable energy forecasting and optimization
- Smart grids and energy-efficient systems
- AI in biodiversity monitoring and conservation
- AI for sustainable agriculture and food systems
- Water quality monitoring and management using AI
- Waste detection, classification, and smart recycling

Track 2: AI in Healthcare and Well-being

- AI in disease prediction and outbreak modeling
- AI-driven medical imaging and diagnostics
- Telemedicine and remote patient monitoring systems
- Health informatics and medical data analytics
- AI for mental health assessment and therapy
- Sustainable and equitable healthcare delivery

Track 3: AI for Smart Cities and Infrastructure

- AI-based urban planning and traffic optimization
- Intelligent waste management and smart utilities
- Disaster prediction and response systems
- Green building design and energy-efficient architecture
- Smart mobility and logistics
- IoT and AI integration for sustainable city management

Track 4: Ethical, Responsible, and Inclusive AI

- AI ethics, bias mitigation, and fairness
- AI governance and policy for sustainable innovation
- Explainable and transparent AI systems
- Responsible AI for social good
- AI and data privacy in sustainability contexts
- AI in humanitarian and development applications

Track 6: Emerging Technologies for a Sustainable Future

- AI and blockchain for sustainable supply chains
- AI-powered edge and fog computing for energy efficiency
- Quantum AI for sustainable systems modeling
- AI for 6G and next-gen communication networks
- AI-enabled digital twins for environmental modeling
- AI in space technologies for Earth observation and sustainability

Track 5: AI in Industry and Manufacturing

- AI for predictive maintenance and process optimization
- Smart manufacturing and Industry 4.0 solutions
- AI in supply chain sustainability
- AI-driven green product design
- Industrial energy and resource efficiency using AI

Track 7: Cross-Cutting Themes

- Interdisciplinary AI applications in sustainability
- AI education and curriculum for sustainable development
- Case studies and real-world deployments
- AI for achieving the UN Sustainable Development Goals (SDGs)

Important Dates

Call for Papers:	June 1, 2025
Paper Submission Deadline:	July 15, 2025
Notification of Acceptance:	August 31, 2025
Early Bird Registration Deadline:	September 10, 2025
Regular Registration Deadline:	September 15, 2025
Conference Dates:	October 3-4, 2025

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). The University offers 74 programs in medicine, dentistry, pharmacy, nursing, 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 - NMAM Institute of Technology

Nitte Mahalinga Adwantaya Memorial Institute of Technology (NMAMIT), established in 1986, is approved by AICTE and became a constituent college of Nitte (Deemed to be University) in June 2022. In the NIRF 2023 rankings, NMAMIT was placed in the 101-150 band and received 'Platinum' status in the AICTE-CII 2020 survey for strong industry linkages. Located in Nitte village, it functions as an off-campus centre of Nitte DU and collaborates with international universities for student/faculty exchange, research, internships, and placements. The 125-acre campus, set in the Western Ghats, is near Kudremukh. It is 45 km from Mangaluru Airport, and 40-50 km from Udupi and Mangaluru railway stations. Nitte is 19 km from NH-66 and 7 km from NH-169.

Chief Patron

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

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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.

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