

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/>

 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'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 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 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 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)

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

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, NGSMPs, NUIS, 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 Adiyantaya 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

Steering Committee

Shri Vishal Hegde, Pro-Chancellor, Nitte (Deemed to be University)
 Prof. (Dr.) M. S. Moodithaya, Vice-Chancellor, Nitte (Deemed to be University)
 Prof. (Dr.) Gopala Mugeraya, Vice President (Technical Education), Nitte (Deemed to be University)
 Dr. Harsha Halahalli, Registrar, Nitte (Deemed to be University)
 Dr. Praveenkumar Shetty, Director (R&D), Nitte (Deemed to be University)

Executive Committee

Dr. Niranjan N Chiplunkar, Principal, NMAM Institute of Technology
 Dr. Nagesh Prabhu, Vice Principal
 Shri Yogeesh Hegde, Director (CM & D)
 Dr. Suresh Bekal, Professor & Dean, Research & Development
 Dr. Rekha Bhandarkar, Professor & Deputy of Nitte Off-Campus Center, Nitte (Deemed to be University)
 Dr. K Rajesh Shetty, Director (Curriculum Development), Nitte (Deemed to be University)
 Dr. A N Parameswaran, Director, Industry Collaboration & Coordination
 Dr. Subrahmanya Bhat K, Professor & CoE, Nitte Off-Campus Center, Nitte (Deemed to be University)
 Dr. Srinath Shetty K, Professor & Resident Engineer
 Head of Departments (UG & PG)

General Chairs

Dr. Vijeesh 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

About - Organising Bodies

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. from Udupi and Mangaluru railway stations. Nitte is 19 km from NH-66 and 7 km from NH-169.

Association of Digital Engineering (ADE) is a student-led technical society focused on innovation, collaboration, and skill-building in digital technologies. ADE fosters a vibrant ecosystem through workshops, talks, competitions, and mentorship, empowering students in fields like AI, Data Science, IoT, Cybersecurity, and Intelligent Systems. As a key organizer of IC-AISIS'25, ADE champions a future-ready, socially impactful tech community.

Technical Committee

Dr. Ashwin T S, Research Scientist, Vanderbilt University, USA
 Dr. Rathinaraaj Jayaraj, Post-Doctoral Fellow, Stanford University, USA
 Dr. Shridhar G. Domanal, 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
 Dr. Prabhu Prasad B M, Assistant Professor & Head, Dept. of CSE, IIIT Dharwad
 Dr. Manjunath K Vanahalli, Assistant Professor, Dept. of CSE, IIIT, Dharwad
 Dr. Natesha B V, Assistant Professor, Indian Institute of Information Technology Raichur
 Dr. Shrishya H S, Associate Professor, Dept. of CSE, St Joseph Engineering College, Mangalore
 Dr. Swathi Mummadi, Associate Professor, B V Raju Institute of Technology, Narsapur
 Dr. Karthik N, Assistant Professor, Department of CSE, National Institute of Technology, Puducherry
 Dr. Ranjit Kolkar, Assistant Professor, National Forensic Sciences University, Goa
 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. Elakkiya Rajasekar, Assistant Professor, Department of Computer Science, BITS Pilani, Dubai
 Dr. Anand R, Professor, Department of MCA, SJEC, Mangalore
 Dr. Rohini, R Rao, Associate Professor, Department of Data Science and Computer Applications, MIT, Manipal
 Dr. Savitha G, Department of Data Science and Computer Applications, MIT, Manipal
 Dr. Sunil C K, Assistant Professor, Department of CSE, IIIT, Dharwad
 Dr. Murthy D H R, Associate Professor, Department of CSE, R. L. Jalappa Institute of Technology, Doddaballapur
 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