ICISML-2025

The 5th International Conference on Intelligent Systems and Machine Learning (ICISML-2025) is a leading event focused on the latest advancements in intelligent systems and machine learning. These technologies play a vital role in analysing vast amounts of data, aiding decision-making, and driving progress across various domains. By enabling machines to learn from data and perform human-like tasks, they facilitate the discovery of valuable insights and patterns. The conference provides a platform for researchers, practitioners, and industry experts to exchange knowledge, discuss challenges, and explore emerging trends in this dynamic field.

ABOUT NIT MEGHALAYA

The National Institute of Technology Meghalaya is one among the 31 NITs in India established under the NIT Act 2007 (Amended 2012) of the Parliament of India as Institutes of National Importance with full funding support from the Ministry of Education, Government of India. The Institute presently situated at Laitumkhrah, Shillong, India. The Institute has five Engineering Departments as Mechanical Engineering, Civil Engineering, Electrical Engineering, Electronics and Communication Engineering and Computer Science and Engineering. Since 2017, we are consistently maintaining our position in NIRF in top 100 institutes of India. In 2024, we are ranked at 68 by NIRF.

SHILLONG

Shillong is the capital city of Meghalaya and the District headquarter of East Khasi Hills. It is the only hill station in the country that is accessible from all sides. The name Shillong is derived from U-Shyllong, a powerful deity and is situated at an altitude of 1,491m above sea level. Shillong is very well connected by air (Guwahati and Umroi Airport), by road (NH, connecting Guwahati-Shillong and by railway station. NIT Meghalaya campus is located at about 35 km from Umroi airport, 120 km from Guwahati airport and about 97 km from Guwahati railway station.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science & Engineering, NIT Meghalaya offers B. Tech degree in Computer Science and Engineering discipline. This U.G Programme in Computer Science and Engineering is perhaps the most popular Programme in NIT Meghalaya, with an average intake of 30 students per year. The department has adequate facilities to support these teaching activities. It has a well-qualified and experienced faculty team. The Computer Science and Engineering department makes all efforts in imparting high-quality education to its highly motivated students. One of the aims of this department to play its role of producing Computer Engineers ready to satisfy the needs of the Computer and IT world. The Department is also actively involved in various Research activities.

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Information Brochure

5th International Conference on Intelligent Systems and Machine Learning (ICISML-2025)

(May 09-10, 2025) (Hybrid Mode)

Organized by

Department of Computer Science and Engineering
National Institute of Technology Meghalaya - 793003, Meghalaya (INDIA)

CONFERENCE TRACKS

TRACK-1: Image Recognition
- AI Application in smart cities
- Cooperative intelligent applications
- Cognitive system and applications
- Hybrid Intelligent system
- Intelligence by design
- Bio-Inspired Intelligence
- Real time intelligence
- Adaptive Problem Solving
- Intelligent and knowledge-based system
- AI Powered Robotics systems
- Computational Intelligence
- Neural networks and Fuzzy logic
- VLSI Systems
- IoT applications in health care

TRACK-2: Machine Learning
- Neural net and Support Machine
- Hybrid and Non-linear Systems, Reinforcement Learning
- Supervised and Unsupervised Learning
- Deep Learning
- Machine Learning for information retrieval
- Hybrid Systems
- Human-Machine Interaction
- Machine Learning for Informatics
- Hybrid Learning Algorithm
- Learning in Integrated Architectures
- Optimization Techniques

TRACK-3: Intelligent Systems and Machine Learning Applications
- Smart Cities, Internet of Things
- Intelligence in medical decision Applications
- Intelligent forecasting applications
- Intelligent sensor and sensing applications
- Mobility intelligent and semantic applications
- Intelligent security systems and applications
- Assistive Robots
- Image recognition
- Speech Recognition

TRACK-4: Intelligent Communication Networks
- Cognitive intelligence in vehicular networks
- Sensor-based intelligent systems
- Reinforcement learning
- Intelligent systems for various applications
- RFID and Bluetooth low energy (BLE) Technologies in intelligent systems
- Autonomous robots
- Space and underwater robots

SUBMISSION GUIDELINES & INDEXING

Faculty members/research scholars/scientists from India and abroad are invited to submit original unpublished research on the topics related to the conference. Research papers should present novel perspectives within the general scope of the conference. Literature reviews/survey papers will only be considered if they present a new perspective or clear benefit to the field and define the field in a new way or highlight exciting new technologies or areas of research.

The manuscript must adhere to the conference template format. The conference paper template is available on the conference website. The papers received will be peer reviewed before being accepted for presentation.

The registered and presented papers would be submitted for publication in Scopus indexed proceedings or special issues with or without APC. The same would be updated on conference website.

Paper submission will be done through Microsoft CMT.

REGISTRATION INFORMATION

It is mandatory for at least one author of an accepted paper to register for the paper to appear in the conference proceeding. The author presenting the second and subsequent papers will get discount, if he/she registers with the same author's name and email ID. Co-authors must register by paying full registration fee, in case they want to attend and get presentation certificate as conference delegate.

The application should be made using the registration form and should accompany registration fee as given below:

Registration Types		Registration Fees
Students	Indian	8,000 INR
	International	300 USD
Academician	Indian	9,000 INR
	International	350 USD
Industry	Indian	10,000 INR
	International	400 USD
Attendee	Indian	6,000 INR
	International	250 USD

IMPORTANT DATES

Due Date of Paper Submission	01 December, 2024
Notification	01 January, 2025
Due Date of Registration	15 January, 2025
Camera Ready Paper Submission	01 February, 2025
Conference Date	09-10 May, 2025

SPONSORSHIP

The organizing committee of ICISML-2025 invites companies and organizations to advertise themselves during the conference. Sponsors can showcase their service, technology and solutions to the leading technologists in India. The conference also provides extensive networking opportunities, which can be fully utilized by availing the complimentary registrations awarded to the sponsors. All sponsorship categories will attract the following:

- Display of the sponsor's logo on the homepage of the conference website and other official documents of the conference.
- Inclusion of brochure/pamphlet in the registration kit of the conference delegates.
- Acknowledgment during the inaugural session.

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