LOYOLA - ICAM
COLLEGE OF ENGINEERING AND TECHNOLOGY (LICET)

Chennai, India

in collaboration with

NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR

Assam, India

International Conference on
Informatics and Smart Engineering Systems (INSES-2024)
21st - 22nd March 2024

Venue : LICET

About INSES-2024

INSES-2024 is an international conference that aims to engage leading global researchers from academia and industries in presenting their expertise in current technologies of Engineering Informatics and their applications in engineering systems. It will also provide an interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, practical challenges encountered and solutions adopted in the fields of Computational intelligence, AI, Data Science, IOT, cloud computing and their extended applications across engineering domains. The keynote speakers are the eminent people from academia, research institutes and industries.

About LICET

LICET aims at training young men and women of quality, capable of leading the society in all walks of life who would serve their fellow human beings in justice, truth, love and compassion. This training will bring in desired change in the lives of people, more particularly the poorer and marginalized sections of the society and Dalits. Through institution-industry collaboration, LICET strives to help young men and women to find fulfilment and achieve greatness as eminent men and women for others who would be the voice of the voiceless and the name of the nameless in society.

About NIT Silchar

National Institute of Technology (NIT) Silchar, an institute of national importance under the NIT Act, was established in 1967 as Regional Engineering College (REC) Silchar in Assam. In 2002, it was upgraded to the status of NIT from REC. NIT Silchar has situated on the banks of the river Barak and has a sprawling campus spread over 600 acres of land on Silchar's outskirts. NIT Silchar, a fully residential institution is a teaching and research institute which steps in the various national and international ranking frameworks.

🌐 **https://licet.ac.in/inses2024/**

✉ **inses24@licet.ac.in**

KEYNOTE SPEAKERS

Prof.Seyedali Mirjalili
Torrens University Australia

Prof. IR. TS. DATIN Dr. Wahidah
Director
Microwave Research Institute
Universiti Teknologi MARA
Malaysia

Prof. Pradeep Kumar Das
IIT Guwahati

Prof. Rabul Hussain Laskar
NIT Silchar

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Dr.K.Ragavan, Indian Institute of Technology Ahmedabad, India

Dr Jimson Mathew, Institute of Technology Patna, India

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Dr.S.Arul Daniel, National Institute of Technology,Trichirapalli, India

Dr.V. Karthikeyan, National Institute of Technology, Calicut, Kerala, India

Dr.Manpreet Sing MannaProfessor, Vice Chancellor, Former Director AICTE, Chandigarh University, India

Dr. Tanupriya Choudhury, University of Petroleum and Energy Studies, Uttarakand, India

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Dr. Asha Jerlin, Vellore Institute of Technology, Chennai, India

CALL FOR MANUSCRIPTS

INSES 2024 solicits manuscripts from researchers, academicians and professionals throughout the globe for presentation in the technical sessions of the conference. The paper selection will follow a double-blind review process, meaning that both the authors and reviewers will remain anonymous during the paper selection process. Accepted and registered papers will be published in Springer Lecture Notes (Approval pending from Springer).

TRACK I
Scientific Computing and Data Science

- Big Data Analytics
- Heuristic and AI Planning Strategies and Tools
- Business intelligence
- Smart Healthcare
- Intelligent Transportation
- Cloud and Edge Computing Intelligent and knowledge based system
- Quantum Computing
- Computing paradigms for Metaverse
- Parallel computing and architecture
- Ambient Assisted Living
- Data Security
- Soft Computing Theory and Applications
- Computational Optimization
- Generative AI

TRACK II
Intelligent Signal processing and Communication Systems

- Multimedia Signal Processing
- Multi-Agent Systems
- Computer Vision
- Natural Language Processing
- Semantic Processing
- Sentiment Analysis, Stylistic Analysis and Argument Mining
- Speech Recognition and Synthesis
- Wireless and Sensor systems
- 4G, 5G and Beyond communication systems
- Next Generation protocols Intelligent Systems Architectures and Applications
- Microelectronics
- AI/ML Hardware
- Bio-inspired systems
- Computational complex networks

TRACK III
Smart Electrical and Automation systems

- Electric and Hybrid Technologies
- E-Mobility
- Modern Power Converters for Electrical Drives
- Computational Intelligence Applications for Electrical Systems Intelligent Computing Techniques and Optimization Control Systems
- Mechatronics and Automation Process Control & Sensors in Smart Grid
- Driving Assistance Systems and Autonomous Vehicles
- Robotic Systems and Technologies
- Computation Intelligence in Electrical Engineering

TRACK IV
Computational Materials

- Computer-integrated material processing
- Composite materials
- Soft and smart materials
- Materials for Electrotechnics
- Materials for integration of Electronic Systems
- Nano Technology and its applications
- Bio-sensor and Bio-electronic materials
- Industry 4.0 and Smart Manufacturing
- Nano/micromanufacturing/technology
- Computational mechanics
- Smart Sensors
- MEMS-Micro Sensors and Structures
- Advanced Intelligent Mechatronics
- Intelligent Sensing and Control

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IMPORTANT DATES

Manuscript submission due   15th January 2024
Notification of review decision   1st February 2024
Camera ready submission   15th February 2024
Registration fee due   2nd March 2024
Conference dates - 21st and 22nd March 2024

PAPER SUBMISSION LINKS AND GUIDELINES

- Manuscripts of up to 12 pages, written in English and formatted according to the Springer proceedings template(LaTeX or Word), should be submitted electronically via Microsoft CMT(link to be updated).
- Any published work or other conference/journal work submitted will be rejected in the preliminary stage.
- Submission implies the willingness of at least one of the authors to register and present the paper.

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