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CoMSO 2024 solicits high quality unpublished original research paper in the following tracks but not limited to-

Simulation and Modelling of Engineering Systems:

Manipulator modelling, process simulation, process modelling, product simulation, multi-criteria modelling, numerical simulation, continuum modelling, nano scale simulation, mico modelling, digital twin modelling.

System and process optimization:

Multi-objective optimization, modern optimization, fuzzy optimization, genetic algorithm for optimization, multi-criteria optimization, machine learning-based optimization, software optimization.

AI and computing:

Artificial Intelligence, Machine Learning, Deep Learning, Networking, and Cloud Computing, Edge Computing.

Control Theory and Applications:

Control systems, controller design, circuit for the controller, controller application, controller simulation, controller modelling, robust controller design, adaptive control.

Modelling of the sustainable energy and environmental system:

Renewable sources, system modelling for energy, energy storage modelling, system simulation for energy harvesting, energy conversion system modelling, environmental pollution and policy, carbon pricing, climate change.

Infrastructure Modelling:

Computer-aided Infrastructure modelling, vertical/horizontal infrastructure modelling, prerequisite for infrastructure, simulation of methods and design, optimization of design and methods, infrastructure digital twins, life-cycle management of infrastructure, emerging technologies in infrastructure management.

Techno-economic modelling:

Techno-economics of Sustainable Development, Marketing Analysis, Financial modelling, Green marketing, agro-economic modelling, micro-economics for sustainable.

REGISTRATION FEES

Registration Fee	Indian authors	Foreign Authors
Academician	INR 10,000.00	USD 150
Industrial	INR 12,000.00	USD 200
Student	INR 5,000.00	USD 100



4th International Conference

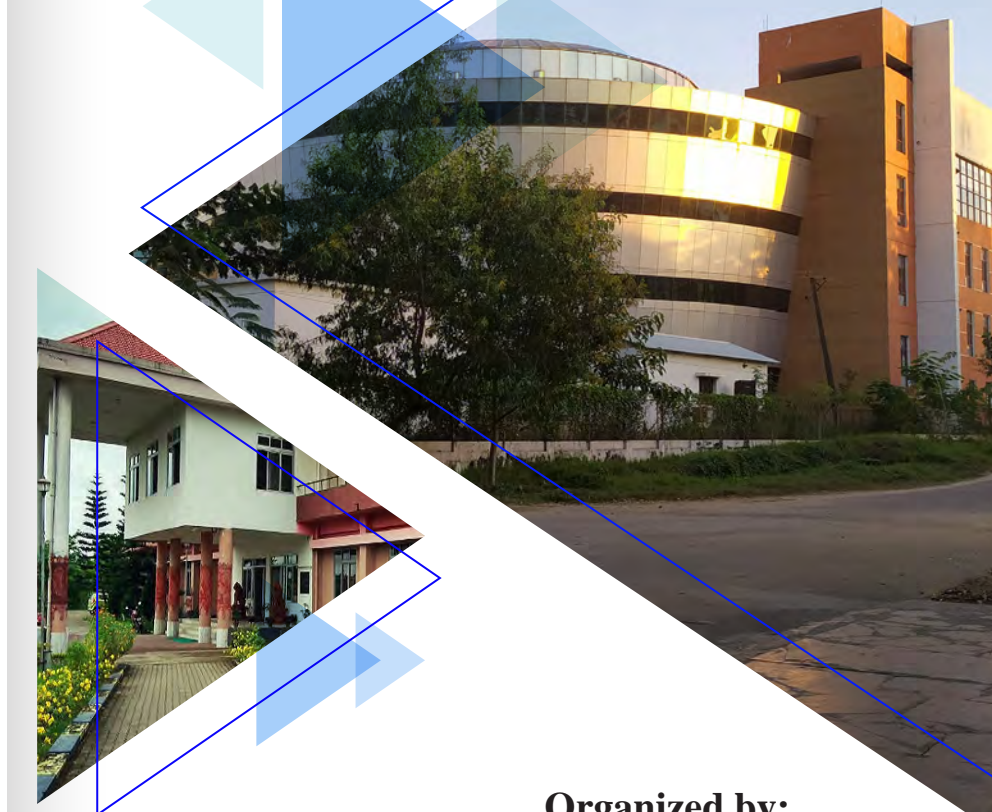
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**Modeling, Simulation
and Optimization**

(CoMSO 2024)

November 16-18, 2024

National Institute of Technology Silchar



Organized by:

National Institute of Technology Silchar

(An Institute of National Importance)

Assam-788010, India

ABOUT THE CoMSO 2024

CoMSO is a premier international forum for researchers, scientists, practicing engineers, application developers, policymakers, etc., working in modeling, simulation, and optimization. The CoMSO 2024 conference aims to bring together researchers, including academicians, scientists, practitioners, and industry personnel worldwide, to exchange research results and address open issues in all aspects of Modeling, Simulation, and Optimization. CoMSO 2024 is an outstanding platform for discussing key findings, exchanging novel ideas, listening to world-class leaders, and sharing experiences with peer groups. The conference will provide collaboration opportunities with national and international organizations of repute to the research community. Distinguished academicians from 12 countries, including India, have already consented to be the keynote speakers and address the conference physically. The success of the previous three conferences led us to believe that a large number of participants from worldwide will actively participate in CoMSO 2024.

The CoMSO 2024 proceeding is proposed to be published in Smart Innovation, Systems and Technologies (SIST), Springer which is indexed in ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink.

Journal Publication

A few extended and presented papers from the conference will be invited to publish in the following journals:

1. Modelling, MDPI, Scopus
2. Computación y Sistemas, Scopus
3. Smart Infrastructure and Construction, IETE, Scopus
4. Journal of Infrastructure, Policy and Development, Scopus

ABOUT NIT SILCHAR

National Institute of Technology, Silchar is one of the 31 National Institutes of Technology of India and was established in 1967 (academic session started from 1977) as a Regional Engineering College in Assam. In 2002 it was upgraded to the status of National Institute of Technology and was declared as Institute of National Importance under the National Institutes of Technology Act, 2007 by Government of India.



Previous proceedings of CoMSO



KEYNOTE SPEAKERS

- Prof. U. S. Dixit, IIT Guwahati, **India**
- Prof. P. Mahanta, NIT Meghalaya, **India**
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- Prof. Bale V Reddy, Ontario Tech University, **Canada**
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- Prof. Leonard Ng Wei Tat, NTU, **Singapore**
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- Prof. Tanujjal Bora, AIT Bangkok, **Thailand**
- Prof. Saidur Rahman, BUET, **Bangladesh**
- Prof. Neelam Rani, IIM Shillong, **India**
- Prof. S. K. Pal, IIT Kharagpur, **India**
- Prof. Kapila Perera, University of Moratuwa, **Srilanka**
- Prof. T. Lhendup, Royal University of Bhutan, **Bhutan**
- Prof. S. Kalogirou, CUT, **Cyprus**
- Prof. A. B. Ahmad, UTeM, **Malaysia**
- Prof. Behnaz Rezaie, University of Pittsburgh, **USA**

Important Dates

Submission Due	01.09.2024
Author Notification Due	15.10.2024
Registration due	30.10.2024
Camera-ready paper due	31.10.2024

Website: <http://comso.nits.ac.in>

Contact us: comso.chair@gmail.com

Submission: <https://cmt3.research.microsoft.com/CoMSO2024>

