International Conference On Optimization with Artificial Intelligence and Soft-Computing, 2024 (ICOAISC-2024)

Hybrid Mode(Online & Offline)

30 September-1 October, 2024

**Organized by:
Department Of
Science and Humanities**

National Institute Of Technology, Nagaland
(An Insititute Of National Importance)

ABOUT NIT NAGALAND

National Institute of Technology Nagaland, an Institute of National importance is a higher education technical Institute located at Chumukedima (Dimapur), Nagaland. It is one among the ten newly approved NITs by the Government of India in 2009 under the 11th Five Year Plan and it started functioning from the academic year 2010. NIT Nagaland is located about 17 kilometers away from Dimapur, Nagaland. The campus is well connected through proper means of transport and communication. Six undergraduate courses such as Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Civil Engineering, Mechanical Engineering, Electronics and Instrumentation Engineering & several postgraduate courses (Power System Engineering, VLSI Systems, Computer Science and Engineering & Communication Engineering, Physics, Chemistry) and PhD courses by all branches of Engineering including Physics, Chemistry, Mathematics, Social Science are running in the institute.

HOW TO REACH

BY AIR: Regular flights from Kolkata and Delhi are available to Dimapur Airport, which is located approximately 13 kms away from NIT Nagaland.

BY TRAIN: Dimapur is well connected to different parts of India through a main line station of North-East Frontier Railway. The distance between the railway station and the Institute is about 17 Kms (40 mins).

BY ROAD: Several buses come from all major cities in the North East viz, Guwahati, Shillong, Kohima etc. to Dimapur. Apart from buses, private taxis at reasonable rates are also available from all the cites referred above.

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HOW TO APPLY

For online registration, participants are requested to visit the link given below:
https://www.nitnagaland.ac.in/index.php/icoaisc-home

Registration fee can be paid through Net banking with the following account details:
A/c name-IRG, NIT Nagaland
A/c no. -35747839287
IFSC Code-SBIN0007543
MICR: 797002512
Bank Name: State Bank of India
Bank Branch: Chumukedima, Nagaland - 797103
SWIFT CODE: SBININBB482

Registration Fee for Faculty: Rs. 4500 (Indian) / 100 USD (Foreigner)
Registration Fee for Student: Rs.2500 (Indian)/ 75 USD
Registration Fee for Listener / Accompanying Guest:: Rs. 2000 (Indian) / 25 USD (Foreigner).
Indians can also pay using the UPI code given below

ADDRESS FOR COMMUNICATION

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Mr. Pawan: +91 7005689970
Mr. Deepraj: +91 8812808461
Mr. Chingnak: +91 7627944425
Mr. Ch Sekhar Gujjarlapudi: +91 9701877098
Ms. Deblina : +91 9547005161

Email: icoaisc24@nitnagaland.ac.in
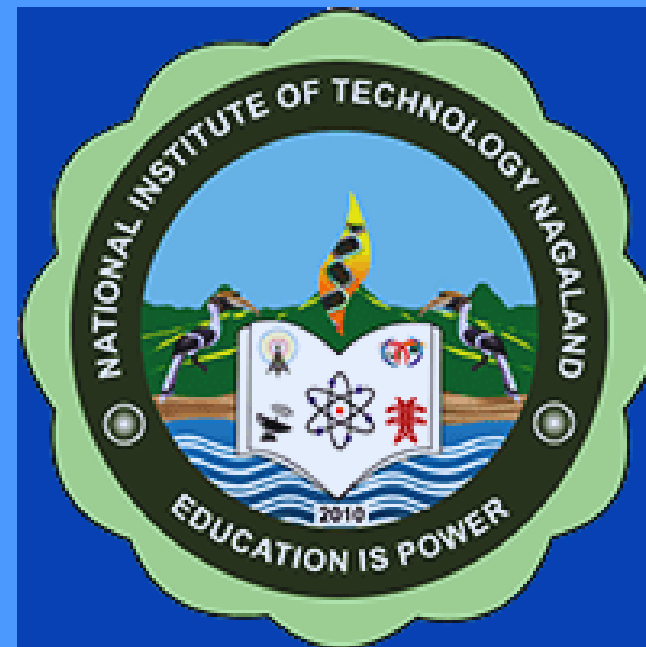
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ABOUT THE CONFERENCE

This conference is focused on the exploration of optimization tools available in artificial intelligence, machine learning, neural networks, etc. And also, deep insight is provided in game theory and its mechanism design to create new technologies of optimization for social and scientific achievements. The computer science, operations research and Game theoretical tools provide a new perspective to develop technologies to solve the issues of sustainable development. The primary goal of the conference is to bring the academician, researchers, and industry professionals in a pivotal platform which will offer an opportunity for open discussion on the latest advancements, uses, and guidelines in AI, soft computing, and optimization and contribute to, Mathematical science and Engineering application.

CONFERENCE COVERAGE

1. Operations Research, Game theory and Mechanism Design, Optimization Theory.
2. Supply Chain Network, fuzzy theory, Co-operative game theory, queuing theory, artificial intelligence, IOT.
3. Numerical Methods, Statistics, Stochastic Processes.
4. Coding theory, cryptography and Modern Algebra
5. Application of Optimization Tools in Electrical Engineering, Mechanical Engineering, Communication Engineering, Computer Science and Engineering etc.
6. Deep Learning, Machine Learning, Image Processing, Neural Networks.

Important Dates

Start of Paper Submission: 25 May, 2024
Paper Submission Deadline: 1 August, 2024
Paper Acceptance Notification: 15 August, 2024
Camera-Ready Paper: 1 September, 2024
Final Registration Deadline: 1 September, 2024
Conference Date: 30 September-1 October, 2024

Paper Submission and Publication

Prospective authors are invited to submit full-length original research paper to email id: icoaisc24@nitnagaland.ac.in (Single column 5 pages with API reference style in MS Word file). All accepted paper will be published in an Edited book with ISBN number by BS publisher.