

Call for papers:

The Fourth International Conference on Emerging Techniques in Computational Intelligence, ICETCI 2024 will be held at Mahindra University, Hyderabad on Aug 22-24, 2024. This aims to highlight the evolution of topics, frontline research and multiple applications, in the domain of Computational Intelligence from the mainstream foundations to novel investigations and applications. The conference comprises of one day of tutorial sessions and workshops followed by two days of Keynote Lectures by invited international experts from Industry and Academia, and technical paper presentations. Also, the conference hosts several special sessions on emerging technologies and applications in computational intelligence. The Conference is supported by industry relevant tutorials conducted by various organizations.

ICETCI 2024 invites submissions that are original, previously unpublished innovative work in any area of Computational Intelligence, both emerging topics which form the theme of the conference as well as more foundational areas.

There will be several Keynote speeches by internationally acclaimed specialists

International Steering Committee:

- Kalyanmoy Deb, Michigan State University, USA
- Yajulu Medury, Vice-Chancellor, Mahindra University, India
- Simon See, NVIDIA, Global Head, Artificial Intelligence Division, Singapore
- Arya Kumar Bhattacharya, Dean Research, Mahindra University

General Chairs:

- Nikhil R. Pal, Indian Statistical Institute, Kolkata
- Akira Hirose, Univ. of Tokyo, Japan

Technical Program Committee Chairs:

- Om Prakash Patel, Mahindra University
- Sabrina Senatore, UNISA, Italy

Finance Committee Chair:

- Yaminidhar Reddy Bhavanam, Mahindra University

Publicity Committee Chairs:

- Sou Nobukawa, CIT, Japan
- Sanatan Sukhija, Mahindra University
- Dilip Singh Sisodia, NIT Raipur
- Deepak Gupta, NIT Meghalaya
- Hitendra Sarma T, Vasavi College of Engineering, India

Publications Committee Chair:

- Bhanukiran Perabathini, Mahindra University

Special Sessions Chairs:

- Rama Murthy Garimella, Mahindra University
- Yayati Gupta, Mahindra University

IMPORTANT DATES

Special Session Proposal Deadline	Jan 20, 2024
Tutorial Proposal Deadline	Mar 23, 2024
Last Date for Paper Submission	Mar 23, 2024
Final Notification of Review Outcomes	Jun 20, 2024
Submission of Final paper	Jun 30, 2024
Early Registration Deadline	Jun 30, 2024
Final Registration Deadline	Aug 21, 2024
Conference Dates	Aug 22-24, 2024

CONFERENCE TRACKS AND TOPICS

The conference will be organized along the following three tracks:

- Deep Learning
- Sequence Modelling and
- General Topics in Computational Intelligence

MODELS

- Neural Networks
- Evolutionary Algorithms
- Fuzzy Logic
- Rough Sets
- Bayesian Methods
- Reinforcement Learning
- Cognitive Learning
- Quantum Computing
- Learning Paradigms
- Memory Paradigms
- Reasoning Models
- Deep Learning
- Explainable AI
- Physics Informed Neural Networks
- Adversarial Machine Learning
- Game Theory
- Extreme Learning Machines
- Intelligent Agents
- Multi-Objective Optimization
- Unsupervised and Semi-supervised Learning
- Generative Models
- Large Language Models
- Hybrid Models

APPLICATIONS

- Natural Language Processing
- Computational Genomics
- Recommendation Systems
- Music Information Retrieval
- Generative Adversarial Models
- Blockchain
- Augmented & Virtual Reality
- Industry 4.0
- Cybersecurity
- Social and Crowd Computing
- Big Data Analytics
- Robotic Process Automation
- 5G/6G Communications
- Renewable Energy Systems
- Structural Health Monitoring
- Smart Cities
- Intelligent Transportation Systems
- Neuroscience
- Healthcare
- Graphical Models
- Climate Science
- Remote Sensing
- Computational Finance
- Computer Vision
- Sentiment Analysis
- Condition Monitoring & Control
- Autonomous Systems
- Creation of Art and Music

Organizing Committee Chair:

- Prafulla Kalapatapu, Mahindra University

Tutorials Committee Chairs:

- Rahul Roy, Mahindra University
- Neeraj Choudhary, Mahindra University

Social Media Chairs:

- Nidhi Goyal, Mahindra University
- Yayati Gupta, Mahindra University

The proceedings of the Third ICETCI 2023



IEEE Xplore.