

## Call for papers:

The Fifth International Conference on Emerging Techniques in Computational Intelligence, ICETCI 2025 will be held at Mahindra University, Hyderabad on Aug 21-23, 2025. 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ICETCI 2025 invites submissions that are original, previously unpublished innovative work in any area of Computational Intelligence, both emerging topics which form the theme of the conference as well as more foundational areas.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  
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 Simon See, NVIDIA, Global Head, Artificial Intelligence Division, Singapore  
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### IMPORTANT DATES

Special Session Proposal Deadline	<b>Feb 28, 2025</b>
Tutorial Proposal Deadline	<b>Feb 28, 2025</b>
Last Date for Paper Submission	<b>Mar 21, 2025</b>
Final Notification of Review Outcomes	<b>June 15, 2025</b>
Submission of Final Paper	<b>June 30, 2025</b>
Early Registration Deadline	<b>June 30, 2025</b>
Final Registration Deadline	<b>Aug 20, 2025</b>
Conference Dates	<b>Aug 21-23, 2025</b>

### CONFERENCE TRACKS AND TOPICS

The conference will be organized along the following three tracks:

- (i) Deep Learning
- (ii) Sequence Modelling and
- (iii) 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

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To see the proceedings of the Fourth ICETCI 2024

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