

## Call for papers:

The Second International Conference on Emerging Techniques in Computational Intelligence, ICETCI will be held at Mahindra University, Hyderabad on Aug 25-27, 2022. 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 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. In addition to tutorials by experts from the academia, the conference is also expected to have industry-relevant tutorials by experts from top industries like NVIDIA and Tech Mahindra.

ICETCI 2022 invites submissions that are original, previously unpublished innovative work in any area of Computational Intelligence, both emerging topics which form the theme of the conference as well as more foundational areas.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
Rahul Bhuman, Tech Mahindra, Global Head, Artificial Intelligence Division, USA

### General Co-Chairs:

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

### Technical Program Committee Chairs:

Arpit Bharadwaj, Mahindra University
Sabrina Senatore, UNISA, Italy

### Finance Committee Chair:

Yaminidhar Reddy Bhavanam, Mahindra University
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### Publicity Committee Chairs

Om Prakash Patel, Mahindra University
Yaminidhar Reddy Bhavanam, Mahindra University
Yayati Gupta, Mahindra University
Hitendra Sarma, VCE Hyderabad

### Publications Committee Chairs:

Sunny Rai, Mahindra University
Uma N. Dulhare, MJCET

### Special Sessions Chair

Rama Murthy Garimella, Mahindra University
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### IMPORTANT DATES

Special Session Proposal Deadline	Dec 31, 2021
Tutorial Proposal Deadline	Feb 15, 2022
Last date for Paper Submission	Feb 15, 2022
Final Notification of review outcomes:	May 15, 2022
Submission of Final paper	May 31, 2022
Early Registration Deadline	May 31, 2022
Final Registration Deadline	Aug 24, 2022
Conference dates	Aug 25-27, 2022

### 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

#### 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
- Unsupervised Learning
- Remote Sensing
- SSE Devices Modelling
- Computational Finance
- Computer Vision
- Sentiment Analysis

### Organizing Committee Chairs:

Prafulla Kalapatapu, Mahindra University
Bhanukiran Perabathini, Mahindra University

### Tutorials Committee Chairs:

Tilottama Goswami, Anurag University
Neha Bharill, Mahindra University

### Social Media Chair:

Sanatan Sukhija, Mahindra University
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The proceedings of the First ICETCI held in 2021 are now

