

# International Conference on Computational Modeling, Simulation and Optimization (ICCMO-2022)

ASIAN INSTITUTE OF TECHNOLOGY CONFERENCE CENTER BANGKOK, THAILAND

December 23-25, 2022

## Call for Papers of Special Session

### Important Dates:

#### Round 1 (Early Bird)

Submission: 30th September 2022

Notification 20th October 2022

Final paper submission: 27th October 2022

Registration: 01 November 2022

#### Round 2 (Regular)

Submission: 30th October 2022

Notification 20th November 2022

Final paper submission: 27th November 2022

Registration: 01 December, 2022

### Registration

Please visit conference webpage for registration and other details:

<http://iccmso.com/registration/>

### Publication

All accepted, registered and Presented Paper will be submitted for inclusion into SCOPUS Indexed conference Proceedings.

For further help, click <http://iccmso.com/>.  
contact [dr.ssinglacs@gmail.com](mailto:dr.ssinglacs@gmail.com) for any query

### Session Title:

Advanced Computation Techniques in Engineering

### Session Chair:

Dr. Sanjay Singla, Professor,  
Chandigarh University Punjab,

Dr. Raman Chadha, Professor  
Chandigarh University Punjab,

Dr. Purushottam Sharma, Associate Professor  
Amity University, Noida,

Dr. Mohd. Abdul Wassay, Professor  
Chandigarh University Punjab

**Abstract:** Computation Techniques have become prominent research interests spreading across multiple domains such as Cyber security, Healthcare, Image processing, Agriculture, Financial services, Data mining, Artificial Intelligence and Data Science applications. Because of growing importance, researchers from academia and industry are evaluating possibility of developing computationally efficient approaches by applying advanced Computation algorithms.

### Topics of Interest:

AI, ML and DL Applications in speech and image processing  
Anomaly or Outlier detection using benchmark datasets  
Classification and clustering of structured, unstructured and semi structured datasets  
Data mining techniques in machine learning  
Feature representation, feature extraction of massive datasets  
Healthcare applications using machine learning or deep learning techniques  
Computer vision and Pattern recognition  
Natural language processing  
Disease diagnosis using machine learning and deep learning methods  
Convolution neural networks  
Temporal data mining applications in medical domain  
Visualization of patterns in data  
Industrial, financial, and scientific applications of all kinds  
Evolution and Explanation-based learning

**Note:** It is a mandatory requirement that all papers submitted for this session must be e-mailed to [dr.ssinglacs@gmail.com](mailto:dr.ssinglacs@gmail.com) along with their Paper id.