

**ICDAM-2021**  
**International Conference on Data Analysis and Management**  
*Organized Jointly by JAN WYZYKOWSKI UNIVERSITY, POLAND & PANIPAT INSTITUTE  
OF ENGINEERING & TECHNOLOGY, HARYANA, INDIA*

On 26<sup>th</sup> June, 2021.

\*\*\*\*\* **CALL FOR PAPERS** \*\*\*\*\*

**SPECIAL SESSION ON**

**Innovations in New Age Computational Engineering (INACE)**

**SESSION ORGANIZERS:**

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**SESSION DESCRIPTION:**

Computational engineering is a new and rapidly growing multidisciplinary field that applies advanced computational methods and analysis to engineering practice. With the advent of large-scale computers, computational approaches have become indispensable for characterizing, predicting and simulating physical events and engineering systems. The aim of this special issue on **Innovations in new age computational engineering** is to provide a platform for academicians, researchers, engineers, practitioners across the world to share their research findings, new ideas, knowledge and practical challenges encountered in this field.

This special session is intended to cover state-of-the-art research paradigms, research challenges & issues and other leading technologies in the interdisciplinary fields such as Machine Learning, Computer Vision, Big Data Analytics, Soft Computing, IOT and Cloud Computing. This special session invites high quality research contributions, state-of-the-art reviews and original research papers (based on theoretical analysis and practical applications) from industry and academia for addressing real and complex issues and challenges related to the society and technology.

### RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- Evolutionary Algorithms and Nature Inspired Computing
- Artificial Neural Networks Applications
- Fuzzy Systems
- Computer Vision
- Machine Learning Algorithms
- Deep Learning and its Applications
- Pattern Recognition
- Information Retrieval
- Natural Language Processing
- Artificial Intelligence and Decision Support System
- Human Computer Interaction
- Optimization Techniques
- Big Data Analytics
- Data, Text and Graph mining
- Social Media Mining
- Sentiment Analysis
- Social Network Analysis
- Wireless Sensor Networks
- Security and Privacy issues
- Software Engineering
- Smart Computing
- Internet of Things
- Cloud Computing and Virtualization

### SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on “**Innovations in New Age Computational Engineering**” *on or before 25<sup>th</sup> March 2021*. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE’S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at [http://icdam-conf.com/paper\\_submission.html](http://icdam-conf.com/paper_submission.html). All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify “**Innovations in New Age Computational Engineering**” at the top (above paper title) of the first page of your paper.

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