



**ComSIA-2024**  
**International Conference on Computing and Communication  
Systems for Industrial Applications**

*Organized by School of Open Learning, University of Delhi & Shaheed Rajguru  
College of Applied Sciences for Women, University of Delhi  
10-11th May 2024.*

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

**SPECIAL SESSION ON**

**Sustainable Efficient Computing Using Machine Learning and Artificial intelligence.**

**SESSION ORGANIZERS:**

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**SESSION DESCRIPTION:**

The objective of the session is to provide a platform where researchers, academicians, scholars, industry professionals present and discuss the recent advancement in the domain of machine learning and artificial intelligence. As the area of machine learning and artificial intelligence is broad and of interdisciplinary nature which includes mathematical computations, computer science and information processing, biomedical, psychology, etc. Thus, this session seeks contributions from intelligent data processing perspective.

Authors are invited to submit their genuine research work to the session which includes a large spectrum of topics including technical details, applications and implementation of machine learning, data mining and artificial intelligence techniques.

### RECOMMENDED TOPICS:

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

- Big data analytics
- Data mining algorithms for big data
- Deep Learning and its applications
- Applying machine learning in healthcare, social media, bioinformatics.
- Data Mining, Data Science and Big Data
- Data Warehouse, Clustering, Visualization
- Graph Mining
- Data Security and Privacy
- Information Retrieval, Knowledge Discovery, Integration, Transformation
- Data Classification, Regression, Cleaning
- Social network and social media analysis
- Biomedical and Bioinformatics data analysis
- Neural Network and Deep Neural Networks
- Issues and challenges in intelligent data mining

### SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Sustainable Efficient Computing Using Machine Learning and Artificial intelligence** on or *before 25 Jan 2024*. 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 [https://comsia.in/paper\\_submission.html](https://comsia.in/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 special session title as **Sustainable Efficient Computing Using Machine Learning and Artificial intelligence** at the top (above paper title) of the first page of your paper.

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