



ComSIA-2025

International Conference on Computing Systems and Intelligent Applications

*Organized by School of Open Learning, University of Delhi & Shaheed Rajguru
College of Applied Sciences for Women, University of Delhi
28-29th March 2025.*

******* SPECIAL SESSION PROPOSAL *******

SPECIAL SESSION ON

Advances in AI, Data Science, and Emerging Technologies for Intelligent Systems

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

This special session aims to explore recent advancements in artificial intelligence (AI), data science, and emerging technologies that are driving the next generation of intelligent systems. Topics of interest include innovative methods for data processing, advanced machine learning algorithms, AI in automation, and the application of novel computing technologies. This session provides a

platform for researchers and practitioners to share ideas, present findings, and discuss challenges and solutions in developing intelligent systems across various domains.

RECOMMENDED TOPICS:

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

- Next-Generation AI Models and Architectures
- Big Data Analytics and Scalable Data Processing
- Federated Learning and Privacy-Preserving AI
- Machine Learning for Predictive and Prescriptive Analytics
- Edge Computing and IoT Integration for Intelligent Applications
- Quantum Computing and its Potential in AI Systems
- Data Visualization and Interpretability in Complex Systems
- Ethical AI and Fairness in Machine Learning Models
- Digital Twin Technology and Real-Time System Simulation
- Autonomous Systems and Robotics in Industrial Applications
- AI-Driven Natural Language Processing and Conversational Agents
- Smart Environments and Context-Aware Computing
- Reinforcement Learning for Dynamic Decision-Making
- Explainable AI (XAI) and Human-AI Collaboration
- Graph Neural Networks and Advanced Network Models for Complex Data

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Advances in AI, Data Science, and Emerging Technologies for Intelligent Systems** on or before 31st December 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. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify **Advances in AI, Data Science, and Emerging Technologies for Intelligent Systems** at the top (above paper title) of the first page of your paper.

Important: All the authors who are submitting papers in our special issue are requested to send the mail about their submission, with paper Title, on my mail id: kanagasubaraja.s@ist.srmtrichy.edu.in

For any other queries kindly feel free to communicate with me either on mail id kanagasubaraja.s@ist.srmtrichy.edu.in or on WhatsApp: +91-9486684400

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