



ComSIA-2026

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

SPECIAL SESSION ON

Internet of AI Things (IoAT): Cognitive–Intelligent Connected Systems and Applications

SESSION ORGANIZERS:

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EDITORIAL BOARD: (Optional)

[Name, University or Organization, Country, e-mail]

SESSION DESCRIPTION:

The Internet of AI Things (IoAT) represents the next evolutionary stage of connected systems, where artificial intelligence is natively embedded within IoT infrastructures to enable autonomous, context-aware, and intelligent behavior. Unlike traditional IoT paradigms that rely primarily on data collection and centralized analytics, IoAT integrates learning, reasoning, and decision-making capabilities across edge, fog, and cloud layers.

This special session focuses on computing systems and intelligent applications that operationalize the IoAT vision through edge intelligence, distributed AI, and resource-efficient learning frameworks. The session aims to bring together researchers and practitioners working on intelligent connected systems, real-time analytics, and adaptive cyber-physical applications, highlighting both theoretical foundations and practical deployments. Emphasis is placed on scalable architectures, trustworthy AI, and real-world IoAT applications across smart environments, healthcare, industrial systems, and cyber analytics.

RECOMMENDED TOPICS:

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

- Architectures and frameworks for Internet of AI Things (IoAT)
- Edge intelligence and resource-constrained AI for IoAT systems
- Distributed learning and federated intelligence in IoAT
- IoAT-enabled cyber analytics, security, and anomaly detection
- Intelligent applications in smart cities, healthcare, and industry
- Communication technologies and edge-to-cloud orchestration for IoAT
- Trustworthy, explainable, and ethical AI in IoAT ecosystems

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[insert special session topic] on or before [insert due date]**. 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 **[insert special session title]** at the top (above paper title) of the first page of your paper.

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