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
20-21st March 2026.

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

SPECIAL SESSION ON
Emerging Technologies in Generative Artificial Intelligence (GenAI)

SESSION ORGANIZERS:
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SESSION DESCRIPTION:

Generative Artificial Intelligence (GenAI) has rapidly evolved from research prototypes into transformative technologies impacting diverse domains including healthcare, education, creative industries, cybersecurity, finance, and human-computer interaction. Emerging GenAI technologies

such as multimodal large language models, generative agents, diffusion models, and domain-specific generative architectures are reshaping the way knowledge is created, shared, and utilized.

This special session aims to bring together researchers, practitioners, and industry experts to discuss the latest advancements, challenges, and applications of GenAI. The focus will be on exploring novel techniques, frameworks, ethical implications, and real-world deployments of emerging GenAI technologies. Contributions addressing both theoretical advancements and practical implementations are welcome.

RECOMMENDED TOPICS:

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

- **Next-generation large language models (LLMs) and multimodal generative systems**
- **Advances in diffusion models, GANs, and hybrid generative architectures**
- **GenAI for Internet of Things (IoT), smart cities, and edge intelligence**
- **Generative AI in healthcare, education, creative industries, and finance**
- **Responsible and trustworthy GenAI: ethics, bias, fairness, and explainability**
- **Human-AI collaboration and generative agents for decision support**
- **Security, privacy, and adversarial robustness in GenAI systems**
- **Scalable deployment of GenAI in cloud, edge, and federated environments**

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Emerging Technologies in Generative Artificial Intelligence (GenAI)** *on or before 30th August 2025.* 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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