

**ICAIN-2025**  
**International Conference on Artificial**  
**Intelligence and Networking**

Organized by  
**University of Stirling - RAK Campus, UAE**

**10th - 11th October 2025**

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

**SPECIAL SESSION ON**

**Advancement in AI: Generative Models, Multimodal Learning, and the Future of Intelligence**

**SESSION ORGANIZERS:**

**Dr. Pawan Kumar Verma**

**Associate Professor,**

**Department of Computer Science & Engineering,**

**Sharda School of Computing Science & Engineering (SSCSE),**

**Greater Noida, Uttar Pradesh, India**

**Ph: +91 8126748459 / 8126825054**

**EDITORIAL BOARD: (Optional)**

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

**SESSION DESCRIPTION:**

Artificial Intelligence (AI) has evolved beyond traditional rule-based and supervised learning paradigms. It has opened ways to new opportunities like Generative Models, Multimodal Learning, and Autonomous Intelligence. The rapid progress in AI; especially in Large Language Models (LLMs), Deep Learning, Computer Vision, and Generative AI; has transformed industries by enabling machines to understand, generate, and interact with diverse data. These advancements have led to breakthroughs in human-like text generation, realistic image creation, AI systems that process multiple types of data at once, real-time decision-making, and self-operating systems. As a result, AI is making a big impact in fields such as healthcare, finance, robotics, and creative arts.

This special session aims to bring together researchers, industry experts, and AI enthusiasts to explore the cutting-edge developments, challenges, and future directions in AI. The session will cover Generative AI, its impact on creativity and automation, the role of multimodal learning in bridging language, vision, and structured data, and the integration of advanced deep learning architectures for scalable and interpretable AI. The session will also dive into real-world applications, ethical concerns, and security challenges in the era of AI.

**RECOMMENDED TOPICS:**

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

- **Introduction to Generative AI: How It Works and Its Impact**

- The Rise of Large Language Models (LLMs) and Their Applications
- Multimodal AI: Combining Text, Images, and Speech in One Model
- The Future of AI-Powered Creativity: Art, Music, and Content Generation
- How AI Understands and Generates Human Language
- Computer Vision: AI's Role in Image and Video Processing
- Ethical AI: Challenges of Bias, Fairness, and Trust in AI Models
- AI in Healthcare: How AI is Helping Doctors and Patients
- AI Security: Protecting Models from Cyber Attacks and Fake Content
- The Future of AI: Can Machines Think Like Humans?

#### SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this particular theme session on **Advancement in AI: Generative Models, Multimodal Learning, and the Future of Intelligence** *on or before* [30th May 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://www.icain-conf.com/downloads>. All submitted papers will be reviewed on a double-blind, peer-review basis.

NOTE: While submitting a paper in this special session, please specify **Advancement in AI: Generative Models, Multimodal Learning, and the Future of Intelligence** at the top (above paper title) of the first page of your paper.

\* \* \* \* \*