



ICCDM-2026
**International Conference on Cybersecurity, Data Science, and
Machine Learning**

ORGANISED BY: University of Putra Malaysia, Selangor, Kuala Lumpur, Malaysia
On
24th -25th April 2026.

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

SPECIAL SESSION ON

Generative AI and Foundation Models: Innovations and Challenges

SESSION ORGANIZERS:

Prof.(Dr.) Punam Rattan

Professor, School of Computer Science and Technology
Manav Rachna University, Faridabad, Haryana, India
Email punamrattan@mru.edu.in

Prof. (Dr.) Abhishek Saxena

Professor, School of Computer Science and Technology
Manav Rachna University, Faridabad, Haryana, India
Email abhisheksaxena@mru.edu.in

EDITORIAL BOARD: (Optional)

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

SESSION DESCRIPTION:

This special session focuses on recent advancements in Generative AI, Foundation Models, and Large Language Models (LLMs). It covers novel architectures, scalable training methods, fine-tuning strategies, and multimodal intelligence across text, image, audio, and video domains. The session will address key challenges such as model alignment, hallucination mitigation, bias reduction, robustness, and security threats. Emphasis will be placed on efficient deployment, model compression, privacy preservation, and sustainable AI practices. The objective is to foster research and collaboration toward developing trustworthy, scalable, and responsible AI systems for real-world applications.

RECOMMENDED TOPICS:

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

- **Advances in Generative AI and Foundation Models**
- **Large Language Models: Architectures, Optimization, and Applications**
- **Next-Generation Foundation Models for Intelligent Systems**
- **Trustworthy and Responsible Generative AI**
- **Multimodal Generative Models and Cross-Domain Intelligence**
- **Efficient and Scalable Training of Large AI Models**
- **Alignment, Safety, and Robustness in Large Language Models**
- **Generative AI for Secure and Smart Applications**
- **Domain-Specific Large Language Models and Industrial Use Cases**
- **Emerging Paradigms in Generative and Autonomous AI Systems**

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on *“Generative AI and Foundation Models: Innovations and Challenge” on or before 24th March, 2026*. 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.iccdm-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 **“Generative AI and Foundation Models: Innovations and Challenge”** at the top (above paper title) of the first page of your paper.

* * * * *