



ICICC

INTERNATIONAL CONFERENCE ON INNOVATIVE
COMPUTING AND COMMUNICATION



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8th International Conference on Innovative Computing and Communication

ORGANISED BY: SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES, UNIVERSITY OF DELHI, NEW DELHI, IN ASSOCIATION WITH NATIONAL INSTITUTE OF TECHNOLOGY PATNA & UNIVERSITY OF VALLADOLID SPAIN

On

14-15 FEBRUARY 2025.

Call for Papers for SPECIAL SESSION

ON

**Generative AI Models and Their Applications in Communication, IoT,
Biomedical Engineering, and Cybersecurity**

SESSION ORGANIZERS:

Dr. Monica Bhutani, Associate Professor, BVCOE, New Delhi, INDIA

Dr. Amit Singhal, Assistant Professor, NSUT, New Delhi, INDIA

SESSION DESCRIPTION:

The proposed session focuses on the transformative potential of advanced generative AI models (GANs, VAEs, Diffusion Models) in communication systems, quantum computing, autonomous systems, biomedical engineering, and big data applications. It will also explore ethical challenges, cybersecurity threats, and the role of AI in IoT-enabled smart cities, and sustainable computing.

RECOMMENDED TOPICS:

- Advanced Generative AI Models: GANs, VAEs, and Diffusion Models
- Applications in Communication Systems: From Intelligent Networks to 6G
- Ethical Considerations and Challenges in Generative AI
- Generative AI in Autonomous Systems and Robotics
- Data Synthesis for Machine Learning and Big Data Applications
- Generative AI in Quantum Computing and Cyber-Physical Systems
- AI for Patient Care and Diagnostics
- Impact of AI in Biomedical Engineering
- Challenges and Innovations in IoT-Enabled Smart Cities
- New Threats and Defences of Cybersecurity in an AI-Driven World
- Powering the Next Generation with Cloud Computing and Edge Computing
- Innovations for a Greener Future via Sustainable Computing

Last Date for Submission: 30th November 2024.

Submission Guidelines available at: https://icicc-conf.com/paper_submission.

NOTE: While submitting the paper in this special session, please specify [Session Name: Generative AI Models and Their Applications in Communication, IoT, Biomedical Engineering, and Cybersecurity] at the top (above paper title) of the first page of your paper.

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