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School of Computing
Department of Artificial Intelligence & Machine Learning

7ᵗʰ International Conference on Computer & Communication Technologies (IC3T) 2025

10- 11 December, 2025

Special Session on
Advancements in AI-Driven Communication Technologies: Bridging Innovation and Practical Applications **(AADCT)**

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Theme of Session

Transforming Communication Through AI: From Theoretical Innovations to Real-World Solutions" explores the dynamic intersection of artificial intelligence and communication technologies. It emphasizes how recent advancements in AI are not only advancing theoretical knowledge but are also driving practical and transformative changes in communication systems.

Scope

The transformative impact of artificial intelligence on modern communication systems. It will explore cutting-edge AI algorithms and models designed to enhance communication

technologies, including advancements in natural language processing for real-time interaction, AI-driven network optimization and management, and innovations in security and privacy. Additionally, the session will address the practical implementation of these technologies in emerging fields such as 5G/6G networks and IoT, while also considering ethical and societal implications. By highlighting both theoretical research and real-world applications, the session aims to foster discussion and collaboration among researchers, practitioners, and industry professionals to advance the field of AI-driven communication technologies.

Topics of Interest:

Knowledge and Data Engineering
Database Systems
Information Retrieval
SystemsData
Analytics
Big Data VisualizationArtificial
Intelligence Expert Systems
Intelligent Agents & Systems
Computational Intelligence
Machine Learning, Deep Learning,
Federated LearningSoft Computing,
Edge Computing
Cognitive Computing
High Performance Computing
Image Processing
Natural Language Processing
Heuristics and Metaheuristics
Internet of Things
Cloud Computing

Paper submission link:

https://cmt3.research.microsoft.com/MBUICCCT2025

For details visit:
https://ic3t.in/
Email: ic3t2025.mbu@gmail.com

For any further queries related to this special session, please contact the Session chairs.