

School of Computing
Department of Artificial Intelligence & Machine Learning

*6th International Conference on Computer & Communication Technologies
(IC3T) 2024*

04- 05 October, 2024

Special Session on

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

Session Chair:

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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:

The following are the topics of interest, but not limited to,

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

Paper Submission Process:

Paper submission link:

<https://cmt3.research.microsoft.com/IC3T2024/Submission/Index>

For details visit:

<https://ic3t.co.in/>

Email: ic3t.mbu2024@gmail.com

Program Committee:

- Dr K. Swaroopa, Associate Professor & HOD, Dept of CSE, Aditya University, Surampalem.
- Dr A Vanathi, Associate Dean, Freshmen Engineering, Aditya University, Surampalem
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- Dr. Maganti Venkatesh, Associate Professor & HOD, Dept of AI&ML, Aditya University, Surampalem
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- Dr A Krishna Mohan, Director of SMS, UCEK, JNTUK, Kakinada.
- Dr.Mohammed Imtyaz Ahmed, Technical Lead, Infosys, Canada

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