6th International Conference Futuristic Trends in Networks and Computing Technologies (FTNCT'06)

Date of Conference: 23-24th December, 2024

VENUE: IEI, Dehradun, Uttrakhand, India

Conference Website : www.ftnct.com

Important dates

Submission of Full Papers Deadline	15 October, 2024
Notification of Acceptance Deadline	15 November, 2024
Registration Deadline	10 December, 2024
Conference Dates	23-24th December, 2024

Submission Link; https://cmt3.research.microsoft.com/FTNCT2024

All accepted papers will be published in Procedia Computer Science Journal, Elsevier (Scopus Indexed)

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Special Session	**Session Code: SS03**
Special Session Chairs	**Dr. Deepak Gupta, MAIT, India**
Session Chair Email	deepakgupta@mait.ac.in
Title of Special Session	Securing Telecommunications Systems with Encryption, AI, Blockchain, and Quantum Technologies
Keywords	Human-Computer Interaction, Intelligent Data Analysis, Nature-Inspired Computing, Machine Learning and Soft Computing
Topics/ Sub-topics	This special session aims to explore innovative approaches to securing telecommunications systems through the integration of advanced technologies and methodologies. Central to the discussion will be the application of state-of-the-art encryption techniques to protect data transmission and maintain privacy in telecom networks. The session will also cover how Artificial Intelligence (AI) and Machine Learning (ML) can enhance threat detection and response mechanisms, offering dynamic solutions to emerging security challenges.

	Participants will gain insights into how these technologies contribute to creating resilient and secure telecommunications infrastructure. Furthermore, the session will delve into the role of Blockchain Technology in ensuring integrity and transparency within telecommunications systems, and explore the potential impact of Quantum Computing on encryption and security protocols. By showcasing practical implementations and discussing future trends, this session aims to provide a comprehensive overview of how these advanced technologies can address current security issues and prepare for future threats in telecommunications. Original unpublished articles are invited for submission to following tracks including the following themes and topics, but are not limited to: **Theme 1 - Network and Computing Technologies and related topics.** **Theme 2 – Wireless Networks and Internet of Things (IoT) and related topics.** **Theme 3- Futuristic Computing Technologies and related topics.** **Theme 4– Communication Technologies, Security and Privacy and related topics.** **Sub-Topics:** • **Advanced Encryption Techniques for Securing Telecommunications Networks** • **AI and Machine Learning for Enhanced Threat Detection in Telecom Systems** • **Blockchain Technology: Ensuring Integrity and Transparency in Telecom Security** • **Impact of Quantum Computing on Encryption and Telecommunications Security** • **Practical Implementations and Case Studies of Security Solutions in Telecom** • **Future Trends and Emerging Threats in Telecommunications Security**

Conference Contact; { ftnct2018@gmail.com}, **Whatsapp Only (+91-8920199069**)

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