6th International Conference Futuristic Trends in Networks and Computing Technologies (FTNCT'06)
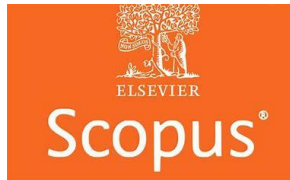
Date of Conference: 23-24th December, 2024
VENUE: IEI, Dehradun, Uttrakhand, India

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: SS05
Special Session Chairs	Dr. Yugal Kumar NMIMS Deemed to be University Chandigarh, India Dr. Santosh Kumar, SOA University, Orissa, India
Session Chair Email	yugalkumar.14@gmail.com
Title of Special Session	Advancing Networking Through Data Mining, Algorithms, and Soft Computing Techniques
Keywords	Data Mining, Algorithms, Soft Computing, Networking, Network Optimization
Topics/ Sub-topics	**Special Session Objectives:** This special session focuses on the intersection of data mining, algorithms, and soft computing technologies to advance networking capabilities and applications. The session will explore how data mining techniques can be applied to extract valuable insights from network data, leading to improved decision-making and network optimization. Additionally, the session will delve into the role of advanced algorithms in enhancing network performance,

including routing, load balancing, and fault tolerance. The integration of soft computing methods, such as fuzzy logic and neural networks, will also be discussed for their potential to address complex networking problems with greater flexibility and efficiency.

Participants will gain insights into innovative approaches and methodologies that combine these technologies to solve contemporary networking challenges. Through practical examples and theoretical discussions, the session aims to showcase how leveraging data mining, sophisticated algorithms, and soft computing can lead to more intelligent and adaptive networking solutions, ultimately enhancing overall network functionality and user experience.

Original unpublished articles are invited for submission to following tracks including the following themes and topics, but are not limited to: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:
1. **Data Mining Techniques for Network Optimization and Analysis**
2. **Algorithmic Approaches to Enhancing Network Performance**
3. **Applications of Soft Computing Methods in Networking**
4. **Integrating Data Mining with Algorithms for Advanced Networking Solutions**
5. **Case Studies: Real-World Applications of Data Mining, Algorithms, and Soft Computing in Networking**
6. **Future Trends and Emerging Technologies in Networking and Data Analysis**

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

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