

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

Date of Conference: 23-24th December, 2024

VENUE: Graphic Era Hill University (GEHU), Haldwani Campus, Uttarakhand, India



Conference Website : www.ftnct.com

Important dates

Submission of Full Papers Deadline	20 November, 2024
Notification of Acceptance Deadline	30 November, 2024
Registration Deadline	10 December, 2024
Conference Dates	23-24 th December, 2024

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

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

<https://www.journals.elsevier.com/procedia-computer-science>

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Special Session	Session Code: SS20
Special Session Chairs	Dr. Punit Gupta, Pandit Deendayal Energy University, Gujarat, India
Session Chair Email	punitg07@gmail.com
Title of Special Session	Optimizing Cloud and Fog Computing with Evolutionary Algorithms, AI, and Big Data Analytics
Keywords	Cloud Computing, Fog Computing, Optimization, Evolutionary Algorithms, Artificial Intelligence
Topics/ Sub-topics	This special session aims to explore the integration of Cloud Computing and Fog Computing with Optimization techniques, Evolutionary Algorithms, Artificial Intelligence (AI), and Big Data Analytics. The session will focus on how these technologies can be combined to enhance the performance, scalability, and efficiency of computing systems. We will discuss how Evolutionary Algorithms can be applied to optimize resource allocation, task scheduling, and network management in both cloud and fog environments. Additionally, the role of AI in

	<p>improving decision-making processes and automating complex tasks will be examined.</p> <p>Original unpublished articles are invited for submission to following tracks including the following themes and topics, but are not limited to:</p> <p>Theme 1 - Network and Computing Technologies and related topics.</p> <p>Theme 2 – Wireless Networks and Internet of Things (IoT) and related topics.</p> <p>Theme 3- Futuristic Computing Technologies and related topics.</p> <p>Theme 4– Communication Technologies, Security and Privacy and related topics.</p> <p>Sub-Topics:</p> <ol style="list-style-type: none">1. Applying Evolutionary Algorithms for Optimization in Cloud and Fog Computing2. Leveraging AI to Enhance Performance and Efficiency in Cloud and Fog Systems3. Big Data Analytics: Techniques for Managing and Analyzing Large Datasets in Computing Environments4. Integration of Cloud and Fog Computing for Improved Resource Management and Scalability5. Case Studies: Practical Applications of Optimization and AI in Cloud and Fog Computing6. Future Trends and Challenges in Combining Cloud, Fog Computing, and Advanced Technologies
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Conference Contact: { fnct2018@gmail.com }, Whatsapp Only (+91-8920199069)

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