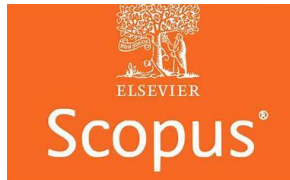


**6th International Conference Futuristic Trends in Networks and Computing Technologies  
(FTNCT'06)**

**Date of Conference: 23-24th December, 2024**

**VENUE: IEI, Dehradun, Uttarakhand, India**



**Conference Website :** [www.ftnct.com](http://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	23-24 <sup>th</sup> December, 2024

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<b>Special Session</b>	<b>Session Code: SS20</b>
<b>Special Session Chairs</b>	Dr. Punit Gupta, Pandit Deendayal Energy University, Gujarat, India
<b>Session Chair Email</b>	<a href="mailto:punitg07@gmail.com">punitg07@gmail.com</a>
<b>Title of Special Session</b>	Optimizing Cloud and Fog Computing with Evolutionary Algorithms, AI, and Big Data Analytics
<b>Keywords</b>	Cloud Computing, Fog Computing, Optimization, Evolutionary Algorithms, Artificial Intelligence
<b>Topics/ Sub-topics</b>	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Original unpublished articles are invited for submission to following tracks including the following themes and topics, but are not limited to: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><b>Theme 1 - Network and Computing Technologies and related topics.</b></p> <p><b>Theme 2 – Wireless Networks and Internet of Things (IoT) and related topics.</b></p> <p><b>Theme 3- Futuristic Computing Technologies and related topics.</b></p> <p><b>Theme 4– Communication Technologies, Security and Privacy and related topics.</b></p> <p><b>Sub-Topics:</b></p> <ol style="list-style-type: none"> <li><b>1. Applying Evolutionary Algorithms for Optimization in Cloud and Fog Computing</b></li> <li><b>2. Leveraging AI to Enhance Performance and Efficiency in Cloud and Fog Systems</b></li> <li><b>3. Big Data Analytics: Techniques for Managing and Analyzing Large Datasets in Computing Environments</b></li> <li><b>4. Integration of Cloud and Fog Computing for Improved Resource Management and Scalability</b></li> <li><b>5. Case Studies: Practical Applications of Optimization and AI in Cloud and Fog Computing</b></li> <li><b>6. Future Trends and Challenges in Combining Cloud, Fog Computing, and Advanced Technologies</b></li> </ol>
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Conference Contact; { [fnct2018@gmail.com](mailto:fnct2018@gmail.com) }, Whatsapp Only (+91-8920199069)

### **ORGANISED BY**

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