

**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](http://www.ftnct.com)

**Important dates**

<b>Submission of Full Papers Deadline</b>	20 November, 2024
<b>Notification of Acceptance Deadline</b>	30 November, 2024
<b>Registration Deadline</b>	10 December, 2024
<b>Conference Dates</b>	23-24 <sup>th</sup> 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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<b>Special Session</b>	<b>Session Code: SS06</b>
<b>Special Session Chairs</b>	Dr. Vipin Balyan, Cape Peninsula University of Technology, South Africa
<b>Session Chair Email</b>	<a href="mailto:vipin.balyan@rediffmail.com">vipin.balyan@rediffmail.com</a>
<b>Title of Special Session</b>	<b>Exploring Innovations in Wireless Networks, Cognitive Radio, and Satellite Communications with a Focus on Fuel Cells</b>
<b>Keywords</b>	Wireless Networks, Cognitive Radio, Fuel Cells, Satellite Communications, Spectrum Utilization
<b>Topics/ Sub-topics</b>	This special session is designed to delve into the latest advancements and innovations in wireless networks, cognitive radio technologies, and satellite communications, with a particular emphasis on the integration and impact of fuel cells as a sustainable energy solution. The session will cover how cognitive radio can enhance wireless communication efficiency and spectrum utilization, and explore the role of fuel cells in providing reliable and eco-friendly power solutions for both wireless and satellite communication systems. By examining these technologies, the session aims to highlight how they can be combined to

	<p>address current challenges and drive the evolution of next-generation communication networks. Additionally, the session will provide a platform to discuss the latest developments in satellite communications, including new technologies and applications that extend connectivity to remote and underserved areas. Through a series of presentations and discussions, participants will gain valuable insights into how these emerging technologies can work together to create more efficient, sustainable, and robust communication infrastructures.</p> <p>Original unpublished articles are invited for submission to following tracks including the following themes and topics, but are not limited to: <b>Theme 1 - Network and Computing Technologies and related topics.</b> <b>Theme 2 – Wireless Networks and Internet of Things (IoT) and related topics.</b> <b>Theme 3- Futuristic Computing Technologies and related topics.</b> <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. Advancements in Wireless Network Technologies and Their Applications</b></li><li><b>2. Cognitive Radio Systems: Enhancing Spectrum Utilization and Communication Efficiency</b></li><li><b>3. The Role of Fuel Cells in Supporting Wireless and Satellite Communication Systems</b></li><li><b>4. Innovations in Satellite Communications for Expanding Global Connectivity</b></li><li><b>5. Integrating Cognitive Radio with Satellite Networks for Improved Performance</b></li><li><b>6. Future Directions and Challenges in Wireless, Cognitive Radio, and Satellite Communications</b></li></ol>
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**ORGANISED BY**

**CYBER SECURITY RESEARCH LAB, INDIA**

**&**

**ASIA EASTERN UNIVERSITY OF SCIENCE AND TECHNOLOGY, TAIWAN  
(Academic Partner)**

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