1st Global Conference on Cognitive Computing and Communication Technology (GC4T-25)
4th & 5th April 2025

organized by

Dr.D.Y Patil School of Science & Technology, DR. D. Y. PATIL VIDYAPEETH, Pune.

Special Sessions
Call for Papers

Session Title

Next Gen WSN for Smart Monitoring and Precision Applications

Session Chair

Dr. Sable Nilesh Popat

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Topics of Interest:

Original and unpublished papers are invited in the following topics and not limited to -

- Remote patient monitoring and telemedicine
- Wearable sensors for health diagnostics
- WSN for chronic disease management (e.g., diabetes, cardiovascular health)
- Emergency response systems using WSN
- Wireless sensors for predictive maintenance
- Smart factories and Industry 4.0 applications
- Environmental monitoring, Hazard detection and safety management using WSN
- Smart farming with precision agriculture sensors
- WSN for soil, water, and crop monitoring
- Wildlife tracking and conservation using WSN
- WSN for traffic monitoring and smart transportation systems
- Public safety and surveillance using wireless sensors
- Waste management systems using IoT-enabled WSN
- Renewable energy monitoring (solar, wind)
- Disaster management and rescue operations
- AI and machine learning in WSN for data analytics
- Security and privacy challenges in wireless networks
- 5G/6G integration with wireless sensor networks

Registration

Please visit conference webpage for registration and other details: **https://dypsst.dpu.edu.in/gc4t-25-conference/**

Paper Submission Process

Please submit your paper (in word/pdf format) at https://cmt3.research.microsoft.com/GC4T2025/Track/17/Submission/Create

Publication

All accepted and registered papers of this special session will be submitted for inclusion into IEEE Xplore.

Submission As per IEEE Guidelines

Important Special Sessions Dates

Paper Submission deadline – Feb 20, 2025

Acceptance notification – Feb 28, 2025

Conference Dates - 4th & 5th April 2025

Contact Details

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