Call for Papers

Important Dates:
- Last Date: January15, 2025
- Notification: January 30, 2025
- Registration: February 05, 2025
- CRC Copy: February 05, 2025

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Publication

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

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Presence on IEEE Website

https://conferences.ieee.org/conferences_events/conferences/conferencedetails/63694

Submission Guidelines

As per IEEE Guidelines

Previous Conferences

https://ieeexplore.ieee.org/xpl/conhome/1836404/all-proceedings

Registration

Please visit conference webpage for registration and other details:

https://esciioit.org/

Special discount of Rs.500/- on registration fees for all accepted papers of this special session.

Session Title: Smart Healthcare Systems: The Role of TinyML, Few-Shot Learning, and Neuromorphic AI

Session Chair:
Dr. Saravjeet Singh, Chitkara University, Rajpura, India
Dr. Monika Sethi, Chitkara University, Rajpura, India
Dr. Jatin Arora, Chitkara University, Rajpura, India

Email: saravjeet.2009@gmail.com

Topics of Interest: Original and unpublished papers are invited in the following topics and not limited to:

- TinyML Applications in Wearable Health Monitoring Systems
- Few-Shot Learning for Personalized Medical Diagnostics
- Self-Supervised Learning in Medical Image Classification
- Neuromorphic Computing for Real-Time Healthcare Analytics
- AI-Powered IoT Devices for Smart Healthcare Solutions
- Blockchain-Enhanced Security in Digital Health Record Management
- Explainable AI in Clinical Decision Support Systems
- AR/VR/MR Technologies for Patient Rehabilitation and Training
- Machine Learning-Based Signal Processing in Cardiology and Neurology
- Federated Learning for Privacy-Preserving Health Data Analytics
- TinyML in Remote Patient Monitoring and Disease Management
- AI-Driven Knowledge Discovery in Rare Disease Research
- Text extraction for medical or length documents
- Feature extraction techniques for medical, health care and phycological data.
- Disease classification and prediction models
- Few-Shot Learning for Drug Discovery and Development Pipelines
- Self-Supervised Learning for Early Detection of Chronic Diseases

Paper Submission Process: Please submit your paper (inword / pdf format) at the email with Name of Special Session mentioned in the subject line on Smart Healthcare Systems: The Role of TinyML, Few-Shot Learning, and Neuromorphic AI