

Call for Papers

Important Dates:

- Last Date of Paper Submission:
January 15, 2022
- Notification of Acceptance:
January 30, 2022
- Registration:
February 10, 2022
- Camera Ready Copy
February 10, 2022

Publication

All accepted and registered papers of this special session will be published in IEEE Explore.

IEEE Xplore Digital Library. IEEE
Conference Record Number: #53509

Submission Guidelines

As per IEEE Guidelines

Registration

Please visit conference
webpage for registration and
other details:

<https://esciioit.org/>

**Special discount of Rs. 1000/- on
registration fees for all accepted
papers of this special session**

Session Title: *“Artificial Intelligence on Edge for Smart Health”*

Session Chair: 1. Dr. Tejaswini Kar

2. Dr.Sachi Nandan Mohanty

3.Dr.Subrata Chowdhury

Abstract: Now-a-days healthcare data is highly critical f

or patient’s care as well as for physicians. Healthcare data is generated in abundant manner with the passage of time. Machine learning, Deep Learning and Big Data are primarily changing the facts of data utilizations especially in clinical healthcare. Now a day’s various techniques, methodologies, algorithms, are proposed by researchers to organize data in a structured manner to assist the physicians in precision care of patients. Effective Health care data management is also the key tool towards the organizational goal achievement; needs to understand the importance, values and functions of health care data. Also the effective management of healthcare data not only focuses on ensuring that the patient receives the most appropriate, timely, and effective services possible, but also addresses the achievement of performance targets. Ultimately, the data management from all perspectives affect the organization’s overall performance and provides significant rewards and personal satisfaction for those who want to make a difference in the lives of others.

This special session is entirely based on the current research trends on application of machine learning, deep learning pertaining to healthcare data analysis and its management.

Topics of Interest:

- AI models for Healthcare.
- Deep and reinforcement learning for Healthcare.
- Big Data analytics for Healthcare data processing.
- Clustering and classification algorithms for Healthcare.
- Hybrid Fusion Systems for Healthcare.
- Healthcare data acquisition/analysis/mining

- Healthcare information systems/knowledge representation/reasoning
- Pattern recognition/data mining/optimization methods for Healthcare data
- Visualization of large Healthcare data sets
- Modeling, simulation, and optimization of Healthcare
- Intelligent Security Systems for Healthcare data management.
- Fusion control systems developments for Healthcare
- Organization Based Healthcare management system.

Paper Submission Process: Please submit your paper (in word/pdf format) at email: tkarfet@kiit.ac.in, sachinandan09@gmail.com,

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