IoT Applications in Health Care: Challenges and Future Directions

Details of Session Chair and Co-Chair

Session Chair: 1. Dr MA. Jabbar  
      Vice Chair, IEEE CS Chapter, Hyderabad section  
      Member, MIR Labs USA

Co-Chairs: 1. Dr Rajanikanth Aluvalu  
      Professor and HOD, Dept of CSE  
      Vardhaman College of Engineering, Hyderabad  
2. Dr Sanju Tiwari,  
      Universidad Autonoma de Tamaulipas, Mexico  
3. Prof. V Uma Maheswari  
      Asst. Professor, Dept of CSE  
      Vardhaman College of Engineering, Hyderabad

Aims & Scope:

As the global population is increasing and chronic diseases are on the rise, healthcare services become costlier. These challenges have created new requirements for healthcare providers to deliver high quality and successful healthcare services. Revolutionary technologies are filling the space of health care services. Internet of things (IoT) has gained the attention of healthcare service providers.

The IoT in healthcare has brought considerable developments in patient care management and support a new era of proactive healthcare delivery. The IoT is a network of physical devices that are connected to enable the exchange of data. IoT in healthcare facilitates important tasks to improve patient outcomes, and also takes some of the burdens of health practitioners.

This special session invites quality papers from researchers in the field of IoT and the health care domain.

Subtopics: (But not limited to)
- Remote patient monitoring
- Maintenance of health care equipment
- Remote operation and control
• Location based services
• RFID and IoT-enabled devices for health monitoring
• IoT enabled energy meters for health care
• IoT enabled X Rays and Imaging Devices
• IoT enabled Smart wearable
• IoT to fight COVID-19
• Challenges in adopting IoT in health care
• Future Directions in adopting IoT in health care applications
• Application of IoT in smart Health care in smart cities
• Security and Privacy in IoT in health care

Technical Programme Committee(s):

• Dr K MVV Prasad, Sreyas Institute of Engineering and Technology, Hyderabad
• Dr Hina Iqbal, Al Dar University College, UAE
• Dr Tasneem Bano, SAGE University, Bhopal
• Dr Vijayalaxmi, Biradar, Vignan Institute of Technology and Science, Hyderabad
• Dr Shirina Samreen, AL Majmaah University, KSA
• Dr Althaf Husaain Basha, Hyderabad
• Dr. Sourav Banerjee, Kalyani Government Engineering College, Kalyani, WB
• Dr. Parameshachari B D, GSSSIETW, Mysuru.
• Prof A Raghunandan Reddy, senior Research Data Analyst, Tampa, Florida, USA

Submission Procedure:

Researchers and practitioners are invited to submit papers through the below given easy chair link:

https://easychair.org/conferences/?conf=icccct21

Select the special session track from the listed track. All submissions must be original and may not be under review by another publication. The submitted papers will be reviewed on a double-blind and peer review basis.

Publications:


All inquiries should be directed to the attention of Session Chair/Co-Chair:

Name: Dr MA. Jabbar
Designation: Professor and HOD, Dept of CSE (AI&ML)
Email Id: akhiljabbar@ieee.org
Contact Number: 9912648686