

Call for Book Chapters/Research Papers for Edited Books
To be published with ISBN under IIP International publishers, USA and India

Working of IoT Applications in Medical Technologies



Series Editors:



Rashi Sahay
B.Tech, M.Tech (CSE)
Asst. Professor
Computer Science and Engineering
Manav Rachna International Institute of Research and
Studies Faridabad, India.
rashi.sahay787@gmail.com



Payal Thakur
B.Tech, M.Tech (CSE), PhD(pursuing)
Assistant Professor
Computer Science & Engineering
Chandigarh University Mohali
India
thakurpayal16@gmail.com



Er. Nikhil Aggarwal
B.Tech(ECE), M.Tech(ECE), PhD(pursuing)
Assistant Professor
Computer Science & Engineering
UIE, AIT-CSE, Chandigarh University
Mohali, India
nikhil.e9191@gmail.com



Shanu Khare
B.Tech, M.Tech (CSE), PhD(pursuing)
Assistant Professor
Computer Science & Engineering
Chandigarh University
Mohali, India
shanu.e11287@cumail.in

Editors Book Series ID:
IIPER1716138668



Iterative International Publishers
Novi, Michigan, USA
Chikkamagaluru, Karnataka, India

Imprint IIP

Registered publisher under Raja Rammohun Roy Agency,
Government of India and also under Bowker My identifiers
agency, USA

Important dates:

Chapter/paper submission starts on: 1st JULY 2024
Last date for chapter/paper submission: 15th JULY 2024
Acceptance notification: 30th JULY 2024
Last date for registration: 8th AUGUST 2024

IIP Edited Book Series

www.iipseries.org



Call for Chapters

Working of IoT Applications in Medical Technologies

Aims and Scope:

The aim of this exploration is to delve into the transformative impact and operational mechanisms of Internet of Things (IoT) applications in medical technologies. This study seeks to analyze how IoT is revolutionizing healthcare delivery by enhancing patient monitoring, improving diagnostic accuracy, and optimizing hospital management systems. By leveraging interconnected devices and real-time data analytics, IoT applications are enabling more personalized and efficient patient care. This research will cover the deployment of IoT in various medical settings, the integration with other technologies such as artificial intelligence (AI) and machine learning (ML), and the resulting benefits and challenges faced by healthcare providers. It encompasses the examination of IoT-enabled devices such as wearable health monitors, smart medical equipment, and remote patient monitoring systems. It also includes the analysis of IoT's role in managing chronic diseases, emergency response, and surgical procedures. Additionally, the study will explore the implications of IoT for data security, patient privacy, and regulatory compliance within the healthcare sector. By providing a comprehensive overview of the working principles and applications of IoT in medical technologies, this research aims to highlight the potential and limitations of IoT in shaping the future of healthcare.

List of Topics:

- Introduction to IoT in Healthcare
- IoT Architecture and Infrastructure for Medical Applications
- Wearable Health Monitors: Design and Functionality
- Remote Patient Monitoring Systems
- IoT in Chronic Disease Management
- Smart Medical Devices and Equipment
- Integration of IoT with Artificial Intelligence and Machine Learning
- Real-Time Health Data Analytics and Interpretation
- IoT in Emergency Response and Critical Care
- IoT-Enabled Surgical Procedures
- Telemedicine and Telehealth Solutions
- Security and Privacy Concerns in IoT Healthcare Applications
- Regulatory and Compliance Issues in IoT Medical Technologies
- Case Studies: Successful Implementation of IoT in Healthcare
- Future Trends and Innovations in IoT Medical Technologies

Author Benefits:

1. Selected chapters (not all) will be indexed in RSquareL and other indexing platforms including Amazon, Google Books etc.
2. Publication of chapter in book series with ISBN / ISSN
3. Publishing in IIP Proceedings Digital Library with DOI
4. Open access mode of publication in IIP Digital library
5. Optimized searching options to increase the visibility of the work to readers and other researchers which helps in citations.
6. Unique dashboard to Author
7. Easy paper/chapter management system with transparency of the process including peer review
8. Adds points to API as per NAAC & NBA (India) and other accreditation bodies from abroad
9. One complimentary copy per chapter
10. Certificate to all authors who contributed

Chapter Submission Procedure:

- Step 1: Go to IIP website www.iipseries.org
- Step 2: Register in the portal by clicking on Signup
- Step 3: You can submit chapter at your dashboard or directly through IIP website after you login
- Step 4: Click on submit chapters
- Step 5: Select the book series title along with **Book Series ID** to which you wish to submit
- Step 6: Upload all necessary details along with your chapter in word file format. Refer IIP Chapter format at download in IIP Website

Support from IIP to the Editors & Authors

- *Reviewing support from IIP Reviewers
- *Plagiarism checking service
- *Submission management
- *Registration management
- *Individual dashboard

For any queries

Contact:6201124415

Mail.us:rashi.sahay787@gmail.com

Registration Fee: USD 30 INR 2000 which includes processing fee with all above mentioned supporting services, certificate hard copy to all authors ,one complimentary copy of the book series registration

IIP Edited Book Series

www.iipseries.org