



River Publishers Series in Computing and Information Science and Technology

## Artificial Intelligence, Blockchain and IoT for Smart Healthcare

### Authors:

Hitesh Kumar Sharma, University of Petroleum and Energy Studies, India

Anuj Kumar, University of Petroleum and Energy Studies, India

Sangeeta Pant, University of Petroleum and Energy Studies, India

Mangey Ram, Graphic Era Deemed to be University, India

**ISBN:** 9788770227575

**e-ISBN:** 9788770227568

**Price:** \$ 125.00

[Distributed exclusively by Routledge](#)

### Description:

The concepts of telemedicine and e-healthcare have eased as well as improved the reachability of experienced doctors and medical staff to remote patients. A patient who is living in a remote village area can directly connect to specialist doctors across the globe through his/her mobile phone using telemedicine systems and e-healthcare services.

In pandemic situations like COVID-19, these online platforms helped society to get medical treatment from their residence without any physical movement. Technology is transforming human lives by playing an important role in the planning, designing, and development of intelligent systems for better service.

This book presents a cross-disciplinary perspective on the concept of machine learning, blockchain and IoT by congregating cutting-edge research and insights. It also identifies and discusses various advanced technologies such as internet of things (IoT), big data analytics, machine learning, artificial intelligence, cyber security, cloud computing, sensors and so on that are vital to foster the development of smart healthcare and telemedicine systems by providing effective solutions to the medical challenges faced by humankind.

**Keywords:** Artificial intelligence, internet of things (IoT), blockchain, smart healthcare, e-hospital, telemedicine, electronic healthcare record (EHR), cloud computing.

#### Denmark Head Office

Alsbergvej 10  
9260 Gistrup  
Denmark  
[www.riverpublishers.com](http://www.riverpublishers.com)  
Email: [info@riverpublishers.com](mailto:info@riverpublishers.com)

#### USA Office

Indianapolis, IN  
USA  
Tel.: +1-3176899634  
Email: [rajeev.prasad@riverpublishers.com](mailto:rajeev.prasad@riverpublishers.com)

#### UK Office

River Publishers  
Email: [philippa.jefferies@riverpublishers.com](mailto:philippa.jefferies@riverpublishers.com)