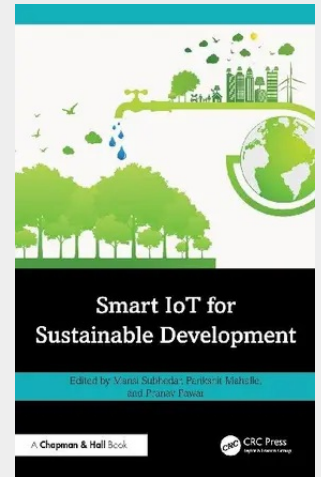


Smart IoT for Sustainable Development

This book explores the role of the Internet of Things (IoT) in achieving sustainable development goals (SDGs). It provides a comprehensive overview of how IoT technologies enhance energy efficiency, promote clean energy, support environmental monitoring, and facilitate sustainable practices across various sectors. It features real-world case studies, explores key challenges and opportunities, and additionally discusses the integration of machine learning and 5G technology for sustainable development. - Discussion on the fundamental technologies driving smart IoT-based sustainable development, including sensors, data acquisition, and cloud computing - Examination of various aspects of energy efficiency and optimization achieved through IoT, presentation of IoT solutions for monitoring, and managing environmental parameters - Exploration of the scope for integrating machine learning and 5G technologies with IoT for enhanced sustainable development - Analysis of the challenges and solutions related to data privacy and security in smart IoT systems - Inclusion of diverse real-world case studies demonstrating successful IoT applications in various sectors to achieve SDGs using smart IoT and related technologies This book is a valuable resource for researchers and practitioners interested in the role of the Internet of Things in achieving sustainable development goals. The Open Access version of this book, available at <http://www.taylorfrancis.com>, has been made available under a Creative Commons [Attribution-Non Commercial-No Derivatives (CC BY-NC-ND)] 4.0 license.



189,60 €
189,60 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781032887692
Medium: Buch
ISBN: 978-1-032-88769-2
Verlag: Chapman and Hall/CRC
Erscheinungstermin: 01.10.2025
Sprache(n): Englisch
Auflage: 1. Auflage 2025
Produktform: Gebunden
Gewicht: 672 g
Seiten: 338
Format (B x H): 161 x 240 mm

