Internet of Things (IoT): Principles, Paradigms and Applications of IoT

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DESCRIPTION

In this book, Principles, Paradigm frameworks, and Applications of IoT (Internet of Things) in the modern era are presented. It also provides a sound understanding of the IoT concepts, architecture, and applications, and improves the awareness of readers about IoT technologies and application areas. A key objective of this book is to provide a systematic source of reference for all aspects of IoT. This book comprises nine chapters with close co-operation and contributions from four different authors, spanning across four countries and providing a global, broad perspective on major topics on the Internet of Things.

KEY FEATURES

- IoT applications in various sectors like Education, Smart City, Politics, Healthcare, Agriculture, etc.
- Adoption of the IoT technology and strategies for various sectors
- To present case studies and innovative applications of the IoT
- To analyze and present the state of the art of the IoT and related technologies and methodologies
- To propose new models, practical solutions and technological advances of the IoT

WHAT WILL YOU LEARN?

- Become aware of the IoT components, their connectivity to form the IoT altogether, and future possibilities with IoT.
- Understand how the various components of cloud computing work together to form the basic architecture of cloud computing.
- Examine the relationship between the various layers in the IoT architecture.
- Understand the programming framework for the Internet of Things (IoT) and various programming paradigms.

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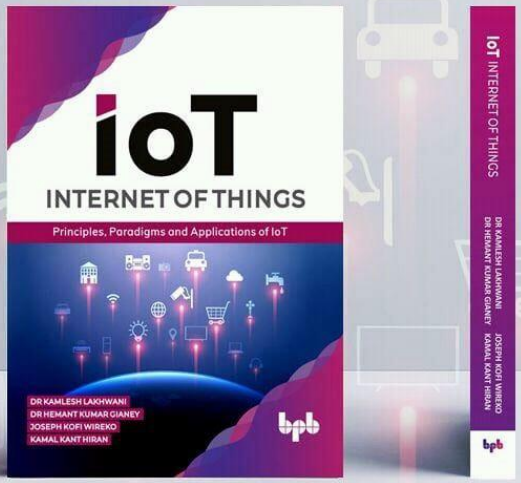
Information driven approach to learn Internet of Things (IoT)



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WHO THIS BOOK IS FOR

This book is intended for professionals, researchers, instructors, and designers of a smart system, who will benefit from reading this book.

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