A Dive into the World of

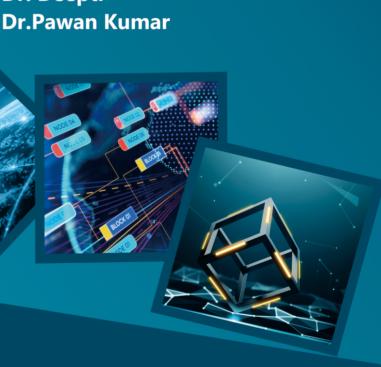


Blockchain Technology

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A Dive into the World of Blockchain Technology

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Preface

Blockchain technology is the new buzz word nowadays. If we turn our eyes around, almost every single sphere is being using this innovative and smart technology known as Blockchain technology in domains either directly or indirectly. With the evolution of humans, technology has also evolved, new and smart technologies is gaining their momentum and facilitating the lives of humans in an unimaginable avenue. This innovative topic attracted our attention through its widespread use in various domains and drastically growing and developing the business and commerce of all economies across the world.

Through this book, authors want to share the fundamentals of Blockchain technology which would be useful and insightful for the beginners and would open the road for further addition of knowledge into this work. Also, this work intends to highlight how this technology has changed the various sectors after its implementation and still growing. The authors try to showcase the basic coding associated with the technology in the form of solidity and also one of the very used applications known as Ethereum basics in their work for readers better broader view and understanding.

There are innumerable articles, work being done on this topic that as assisted the authors in more and better understanding of the topic. Authors has contributed their efforts collectively to detail all the associated concepts of blockchain technology for insightful understanding and making the mind map of the topic while reading. We hope this would help all the stakeholders associated with subject matter of the work in their interest area.

Acknowledgement

We are forever indebted to the SRM University, for their, support, encouragement, motivation and for providing the conducive environment to write this book. We are extremely thankful to Vice- Chancellor, Dean Academic Affairs and Registrar for their words of encouragement and support. Sincere thanks to our colleagues at SRM University who generously shared their ideas with us, offered constructive feedback and refined our thinking and understanding of this innovative and demanding topic of Blockchain. We take this opportunity to thank our family members to constantly providing this inevitable support throughout this book content preparation.

Special thanks to Mr. Sahil Chhikara for his contribution in this book in terms of insightful suggestions which makes this book more meaningful specially in terms of codings chapters of this technology. We are deeply obliged to our seniors who always encouraged to give our best to the academic world in our own humble way. Special thanks go to Sultan Chand & Sons, Publishers for their unstinting support, monumental patience and editorial help that was indeed required to convert our manuscript into a fine product. Without the divine blessings of almighty God who gave us so much, we would not have been what we are today and we bow to the great god for this blessings and selfless love.

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17. Future of Blockchain Technology

17.1 Introduction

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Reg. A Dive into the World of Blockchain Technology by Upendra Pratap Singh & Pawan Kumar, Sakshi Ahlawat, Deepti

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Salient Features

This is a textbook that focuses on providing an insight into the world of Blockchain Technology for students who are Beginners and interested in learning about the real world applications of the Technology. The following are the salient features of the book:

- Introduces the concept and origin of Blockchain to Beginners
- Explains the implementation of Blockchain in Various sectors
- Explores the use case of Blockchain in sectors like Education, Legal Industry, Land Records, Financial Sector, Global supply chain, Healthcare, Airlines, and Payment Channels
- Explains the concept of Tokenize Economy through Blockchain
- Advocate and explores the issues related to governance of a decentralized blockchain network
- Familiarize students with the technology and software's used for implementation of Blockchain
- O Introduces the Ethereum Network and various Applications of Ethereum in the technology world
- Introduces Solidity, the most used programming language used for Ethereum platform.
- Explores the future of the blockchain technology

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