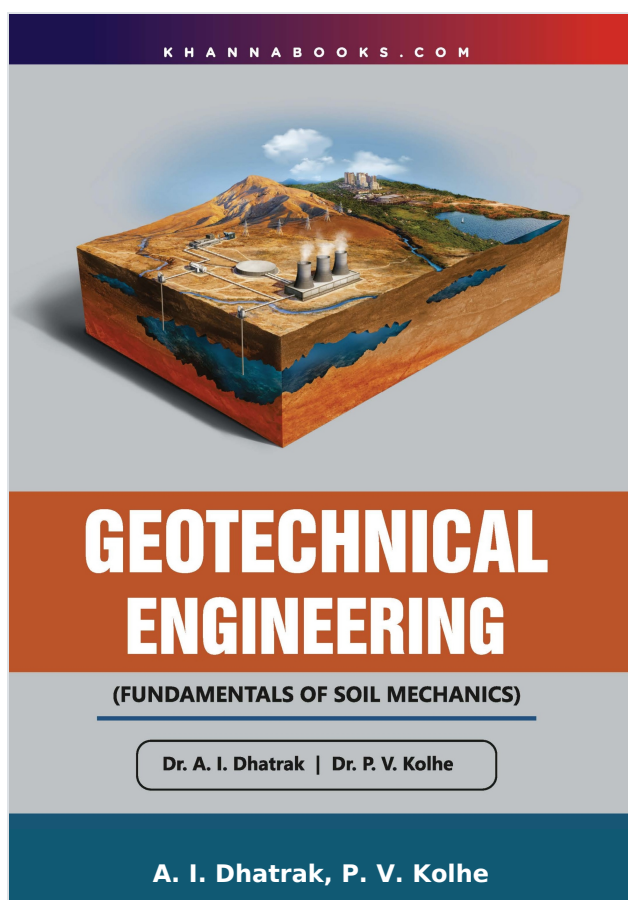




Geotechnical Engineering (Fundamentals of Soil Mechanics)

Author : A. I. Dhatrak, P. V. Kolhe

ISBN 13 : 978-93-55386-62-5

ISBN 10 : 9355386821

E-ISBN 13 : 978-93-55386-62-5

Edition : First

Pages : 252

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 398.00

Categories : [Civil Engineering, New Arrivals, Book Store](#)

Condition Type : New

Country Origin : India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Geotechnical Engineering (Fundamentals of Soil Mechanics)

This book offers comprehensive information about the fundamental concepts of soil behavior and geotechnical engineering for students, educators and professionals. It explains the types, classification and properties of soil along with its procedure in a clear detailed manner. Covering historical development. Formation, three phase diagram, index as well as engineering properties such as compaction, permeability, seepage analysis, stresses, consolidation and shear strength, the book draws from international standards such as ASTM, KIS. One of the key strengths is clear explanation of complex concepts using real world examples and historical case studies making it a valuable reference across various geotechnical engineering solutions.

Salient Features

- It provides fundamental information about the soil formation and its classification.
- It includes detailed information about the index and engineering properties which controls the behaviour of soil.
- It is rich in solved examples and case studies which make it more clear and easy to understand.
- It provides detailed procedure for testing the soil as per Indian standard.
- It includes data from ASTM, BIS and other international standard.
- It includes applications of soil engineering in the field of Civil Engineering.

Table Of Contents

- Introduction
- Soil Phase System and Its Relationships
- Soil Properties and Its Determination
- Soil Classification System
- Soil Structure and Clay Mineralogy
- Compaction of Soils
- Permeability of Soils
- Seepage Analysis
- Stress Distribution in Soil Mass
- Shear Strength of Soil
- Compressibility and Consolidation of Soil
- Field Applications of Geotechnical Engineering
- Soil Testing: Is Codes
- Soil Testing: General Procedure
- Bibliography

Author

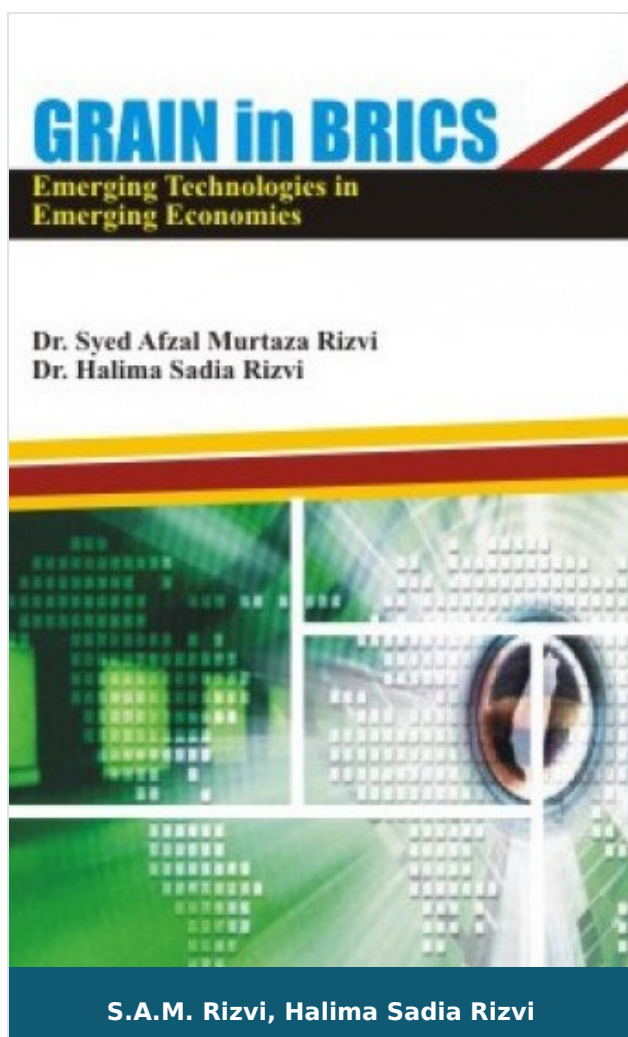
A. I. Dhatrak

Dr. A.I. Dhatrak (BE, ME, PhD) is an Associate professor at Government college of Engineering, Amravati with over 37 years of teaching experience. He is working as National Executive Council Member for ISTE, New Delhi since 2006. He holds senior positions including chairman – IGS Amravati Chapter, Member BOS at Amravati University, and Ex – Dean Academics at GCOEA. His research interests primarily focus on geotechnical Engineering and Water Resources Engineering along with consultancy

services. He is life member of various professional societies like IGS, ISTE, IEI, IWWA, ISH, IRC and ICI. Dr. P. V. Kolhe (B. Tech, M. Tech, PhD) is an Assistant professor at PRMIT&R, Badnera, Amravati with over 12 Years of teaching experience. His research interests primarily focus on geotechnical and Transportation Engineering along with consultancy services. He is life member of various professional societies like IGS, ISTE, and IEI.

P. V. Kolhe

Dr. P. V. Kolhe (B. Tech, M. Tech, PhD) is an Assistant professor at PRMIT&R, Badnera, Amravati with over 12 Years of teaching experience. His research interests primarily focus on geotechnical and Transportation Engineering along with consultancy services. He is life member of various professional societies like IGS, ISTE, and IEI.



GRAIN in BRICS

Author : S.A.M. Rizvi, Halima Sadia Rizvi

ISBN 13 : 978-93-80016-12-2

ISBN 10 : 9380016122

E-ISBN 13 : 978-93-80016-12-2

Edition : First

Pages : 186

Type of book : Physical

Year : 2010

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 335.00

Categories : [Computer Science Engineering,](#)
[General Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

In its popular saying 'life's battle do not go to the strongest or the fastest man, soon or late the man who wins is the one who who thinks he can. The idea of doing (think, and can) has been instrumental not only to individuals but also to nations as well. The book advocates that the national employing effectively emerging technologies (GRAIN) will lead to emerging economics (BRICS). Besides GRAIN in BRICS also inherits a huge bundle of culture, civilization, natural resources and work ethics explaining how the proper utilization of the emerging strong economic development. The book intimately looks these finer aspects of human development, the power of ideas, the introduction of the innovative technologies, their application, the utilization of resources, the difficulties faced and the challenges overcome by them and the entire process of slow and steady move towards the goal. This book is a useful ready study and reference material not only to the students of economics and management but to all those pursuing their studies in various technical knowledge as well, Its a readers delight to obtain an encyclopedia of information at one go.

Table Of Contents

- BRAZIL
- RUSSIA
- INDIA
- CHINA
- SOUTH AFRICA
- Conclusion
- Abbreviations
- Reference
- Bibliography
- Appendix

Author

S.A.M. Rizvi

Dr. S.A.M. Rizvi is a Ph.D in Computer Science & Engineering, and an internationally recognized Computer Scientist of repute, having more than 25 years of experience out of which seven years as Professor of Computer Science and Academic Administrator in India and Abroad prior to his joining Jamia Millia Islamia, New Delhi, as an Associate Professor and Former Head in the Department of Computer Science. He has taught in (Credit Hour) USA, Australian, UAE and Indian Educational Systems. An Institution Builder, he has to his credit of being Instrumental in establishing Engineering Colleges, Deemed University and attaining these institution the highest level of National and International Accreditation. Dr. Rizvi is an Expert in Software Engineering with numerous publications of research papers and textbooks in the area of Computer Science and its applications. He has been instrumental in designing courses as Chairman and member of BOS and Academic Bodies

of Various Universities and Engineering Colleges.

Halima Sadia Rizvi

Dr. Halima Sadia Rizvi is Associate Professor in the Department of Economics at Jamia Millia Islamia New Delhi. A versatile Teacher with in-depth knowledge of the subject of Economics specializes in International Economics and Human Development. A rank holder at Master's Level from Bangalore University, Dr. Rizvi is recipient of Scholarships, fellowships and awards. Dr. Rizvi is an effective speaker and popular Teacher having taught in both India and abroad, viz., at the Universities of Australia, UK and Credit-Hour semester system of USA, besides Goa, Chennai and Delhi in India. A keen researcher has published her articles in peer reviewed and refereed national and International journals. Her work has been immensely appreciated at National and International Conferences; she has extensively traveled in Europe, middle East, Iran and Pakistan.



Paper Technology and System Design

Author :	Susanta Kumar
ISBN 13 :	978-93-55389-00-8
ISBN 10 :	9355389000
E-ISBN 13 :	978-93-55389-00-8
Edition :	First
Pages :	376
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	Chemical Engineering, New Arrivals, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Paper Technology and System Design

Salient Features of the book

- Highlights the valuable role of knowledge in papermaking techniques and basic engineering.
- Explores advanced technologies and the latest developments in paper manufacturing.
- Draws from the authors' hands-on experience in design and operation of paper plants
- Covers the evolution of plant and machinery from the 18th century to the present day.
- Details process parameters and technical know how presented plant wise with block diagrams.

Table Of Contents

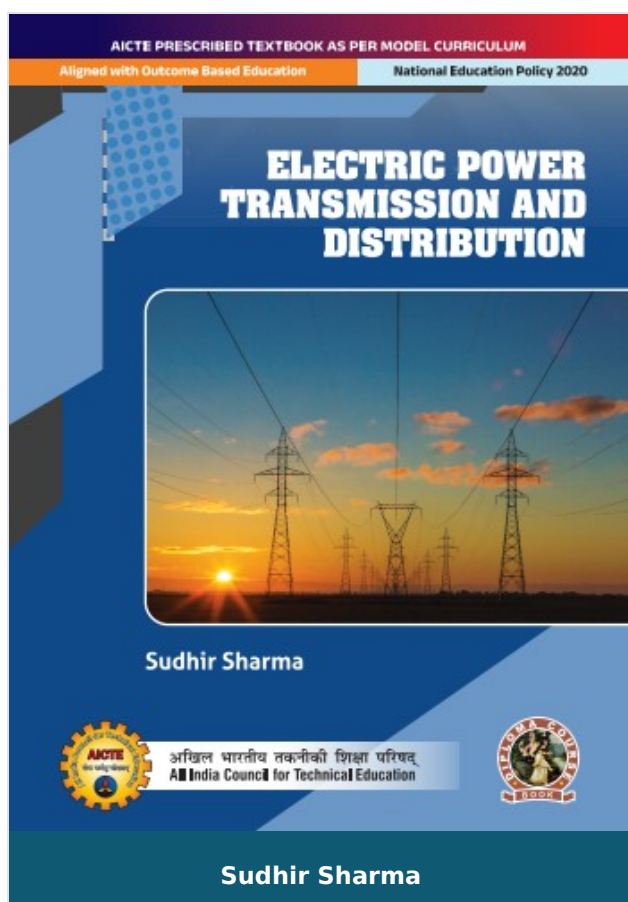
- Historical Background
- Process
- Chemical Recovery
- System Design, process equipment and paper machine complex
- Classification of paper and paper board
- Paper and paper board size and calculation
- Coating and coating chemicals
- Recycling of Paper
- Deinking Method
- Water Treatment
- Effluent Treatment
- Energy Optimization in Pulp and Paper sector
- Laboratory and testing method
- Instrumentation
- Project cost Estimate
- Printing Process Ink Paper and Nano Technology

Author

Susanta Kumar

Susanta Kumar De was born in Calcutta. He was qualified B. Sc and Paper Technology from city and guilds London Institute. He was the member of Faculty, paper setter and examiner of paper technology in the printing Engineering Department of Jadavpur University Calcutta from the year 1970 to 2002. He served 27 years in the paper and process department of Development Consultants Private Limited (DCPL) from the year

1970 to 1996. He became Chief Engineer of P & P Cell DCPL and also worked 10 years in different paper mills in India and abroad from the year 1959. His main assignment in DCPL was system design. Basic engineering operation, commission of different paper and board mill including write up techno-economic feasibility reports. He took active part particularly in the department of stock preparation paper machine and finishing department of Kerala Newsprint (250 TPD). Nowgon and Cachher paper mills, (150 TPD each), Century Board Mill, (100 TPD) Egg Tray and Apple Project (30 TPD). During his service in DCPL he was the project co-ordinator of Tribeni Tissue Mill, W.B for Energy Study and Audit. He was deputed to capital pulp and Paper mill Bangladesh from Indo German Paper Project as technical advisor for installation of imported tissue machine and MG. Kraft Machine in the Year 1997 to 1999. He was the member of India Technical Association of pulp and Paper and participated various Seminars at the time of his service Period



Electric Power Transmission and Distribution

Author :	Sudhir Sharma
ISBN 13 :	978-93-55385-90-1
ISBN 10 :	9355385900
E-ISBN 13 :	978-93-55385-90-1
Edition :	First
Pages :	212
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Electric Power Transmission and Distribution

Electric power transmission and distribution is a comprehensive textbook designed specifically for three-year electrical engineering diploma students studying in AICTE approved polytechnics. The book aims to thorough understanding of the principles and concepts involved in the transmission and distribution of electric power.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'know more' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps.

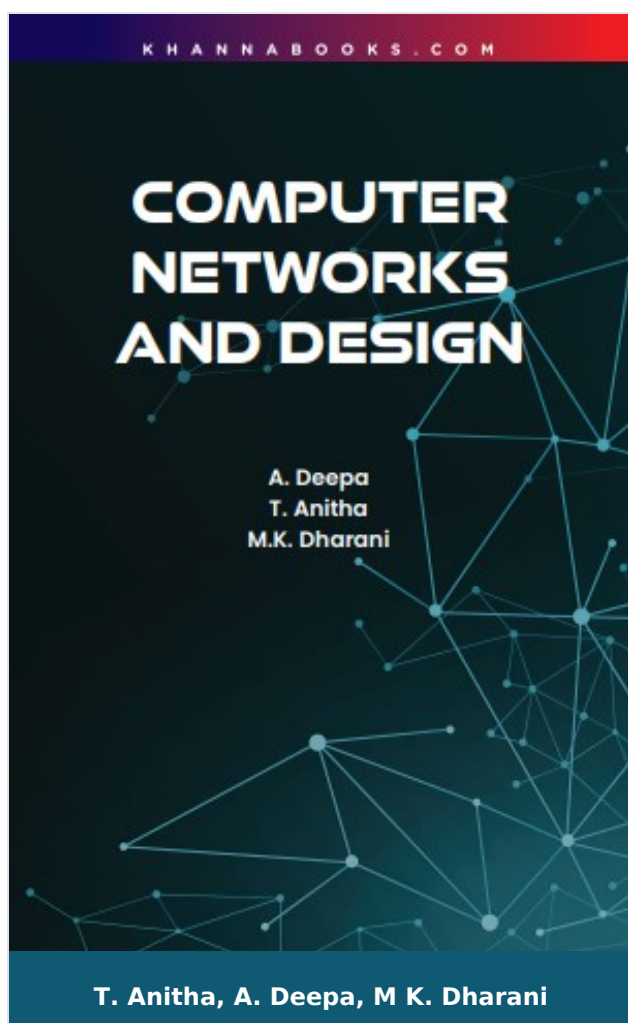
Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Basic of transmission and distribution
- Transmission line parameters and performance
- Extra high voltage transmission
- AC distribution system
- Components of transmission and distribution lines
- CO and PO Attainment table

Author

Sudhir Sharma

Dr. Sudhir Sharma Associate Professor and Head of Department, Electrical Engineering
Department



Computer Networks and Design

Author : T. Anitha, A. Deepa, M K. Dharani

ISBN 13 : 978-93-55385-31-4

ISBN 10 : 9355385315

E-ISBN 13 : 978-93-55385-31-4

Edition : First

Pages : 116

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 198.00

Categories : [New Arrivals, Book Store,](#)
[Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Computer Networks and Design

In the current era, where network infrastructure is the fundamental backbone of modern enterprises, this book serves as a comprehensive and practical guide to understanding the principles of effective computer network design and implementation. It addresses the ever-increasing need for well-designed, secure, and highly efficient network architectures across businesses of all sizes.

The core theme of the book is a structured, top-down approach to mastering the entire network lifecycle, moving from determining requirements and analyzing existing infrastructure to completing the final design, deployment, and long-term maintenance. It provides detailed coverage of fundamental design methodologies, including modular and hierarchical network design strategies that ensure scalability and efficiency. Beyond foundational concepts like LAN connectivity (Ethernet, Token-Ring) and the OSI model, the text delves into critical modern topics such as Virtual Private Networks (VPNs), Intranets, and Extranets for secure remote communication.

This resource is an ideal tool for a target audience including students of computer science and engineering, network professionals, and IT managers seeking to enhance their expertise in building and managing robust network infrastructures effectively. By bridging theoretical concepts with practical insights on networking tools (simulation, baselining) and evolving technologies (IP PBX, VoIP, xDSL), the book equips readers with the essential skills to design and optimize future-proof, high-performance network solutions.

Salient Features:

- **Modular Design Focus:** Details modular and hierarchical network design methodologies to improve scalability, management, and fault tolerance across complex LAN and WAN environments.

- **LAN to Mainframe:** Covers underlying LAN concepts like Ethernet and InterLAN Switching, and provides specialized guidance on secure connectivity and integration with legacy Mainframe systems.
- **Virtual Security Architectures:** Dedicated unit on VPNs, Intranets, and Extranets, focusing on planning, management, and secure remote access implementation using technologies like IPSec VPNs.
- **Network Optimization Tools:** Introduces practical tools and techniques for network analysis, including network baselining as an effective planning tool and simulation methods for designing multimedia networks.
- **Real-time Communication:** Explores the integration of Voice over IP (VoIP) and Video over IP networks, detailing the setup of IP PBX telephony and Videoconferencing systems over IP networks.
- **Broadband Access Technologies:** Discusses emerging technologies in data communications, including the merits of xDSL technology and necessary preparations for utilizing high-speed cable modems.
- **Layered Design Analysis:** Provides a foundational review of the OSI model and various network topologies (Bus, Star, Mesh), offering a strong theoretical background for practical design decisions.

Table Of Contents

- Fundamentals of Network Design
- Underlying LAN Concepts
- VPNs, Intranets and Extranets
- Networking Tools and Simulation
- Evolving Technologies

Author

T. Anitha

T. Anitha Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

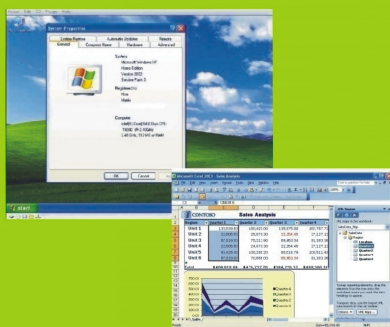
A. Deepa

A. Deepa, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

M K. Dharani

M K. Dharani, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

पी सी सॉफ्टवेअर मेड ईजी



कम्प्यूटर
फंडामेंटल्स
विंडोज एक्स पी
वर्ड
एक्सएल
एक्सएस
पावर प्वाइंट
फ्रन्टपेज
इन्टरनेट एंड
ई-मेल

रमेश बांगिया

Ramesh Bangia

PC Software Made Easy

Author : Ramesh Bangia

ISBN 13 : 978-93-80016-50-4

ISBN 10 : 9380016506

E-ISBN 13 : 978-93-80016-50-4

Edition : 1

Pages : 460

Type of book : Physical

Year : 2010

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 275.00

Categories : [Computer Books - Hindi, Book Store, BASIC COMPUTER BOOKS](#)

Condition Type : New

Country Origin : India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Learning of a software is both easy and difficult. It depends upon what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realise how difficult it is to master it. This book has been written to keep in mind both the aspects, Beginner's as well as professionals would find something worth reading in this: There are basically 9 chapters, each chapter ends with a revision with what has been told in the section and it follows up with the questions related to it.

Table Of Contents

- Fundamentals of Computers
- Input Output Devices
- Windows XP
- Word 2003
- Excel 2003
- Access 2003
- PowerPoint 2003
- Microsoft Frontpage 2003
- Internet and E-mail
- Revision and Questions

Author

Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools, Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle East and African countries.



Blockchain Design & Use Cases

Author :	Parveen A.
ISBN 13 :	978-93-55384-02-7
ISBN 10 :	9355384025
E-ISBN 13 :	978-93-55384-02-7
Edition :	First
Pages :	96
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 148.00
Categories :	New Arrivals, Book Store, Sathyabama Series
Condition Type :	New
Country Origin :	India

Product Description

Blockchain Design & Use Cases

"BLOCKCHAIN DESIGN & USE CASES" is a comprehensive and expertly structured guide designed to equip readers with a mastery of the transformative technology that is blockchain. This book bridges theoretical concepts with practical use cases, highlighting blockchain's immense potential to revolutionize industries by ensuring transparency, security, and decentralization. The journey begins with foundational principles, tracing the evolution from digital money to Distributed Ledger Technology (DLT) and detailing key design primitives such as cryptographic hashing, digital signatures, and consensus mechanisms.

The core purpose is to provide readers with actionable knowledge, moving beyond mere theory to practical application. The text offers an in-depth focus on the enterprise-grade platform Hyperledger Fabric, covering its components, chaincode development, and the decomposition of its consensus process. Furthermore, it provides extensive coverage of real-world scenarios across critical sectors, including financial systems (settlements, KYC, capital markets), supply chain management (provenance, trade finance), and government use cases (digital identity, land records).

Targeted at a diverse audience, including students, developers, researchers, and business leaders alike, this text serves as both a detailed academic resource and a practical gateway for innovation. With thoughtfully designed exercises, summaries, and additional resources at the end of each unit, this book ensures readers are well-prepared to navigate, contribute to, and leverage the rapidly evolving blockchain ecosystem for the future.

Salient Features:

- **Foundational Concepts:** Begins with a strong base, covering the evolution from digital money to DLT, basic crypto primitives, and fundamental blockchain architecture.
- **Consensus Protocols:** Explores the requirements, scalability challenges, and specific mechanisms like Proof of Work (PoW) and those designed for permissioned blockchain networks.
- **Hyperledger Fabric:** Provides an in-depth analysis of this key enterprise framework, detailing its components, consensus decomposition, and chaincode design and implementation.
- **Finance Applications:** Dedicated coverage of blockchain use in financial systems for streamlining settlements, automating KYC/AML, and digitizing capital markets.
- **Supply Chain Focus:** Details practical applications in trade/supply chain, focusing on ensuring goods' provenance, supply chain finance, and invoice management and discounting.
- **Government Use Cases:** Investigates transformative public sector applications, including digital identity management, land records, and secure implementation in public distribution systems.
- **Security & Privacy:** Discusses advanced cryptographic primitives, permissions, and contemporary privacy measures like Zero-Knowledge Proofs to secure data on the ledger.
- **Pedagogical Tools:** Each unit is reinforced with solved problems (Beginner to Advanced), exercises, summaries, and "Teacher's Know More" sections for comprehensive learning.

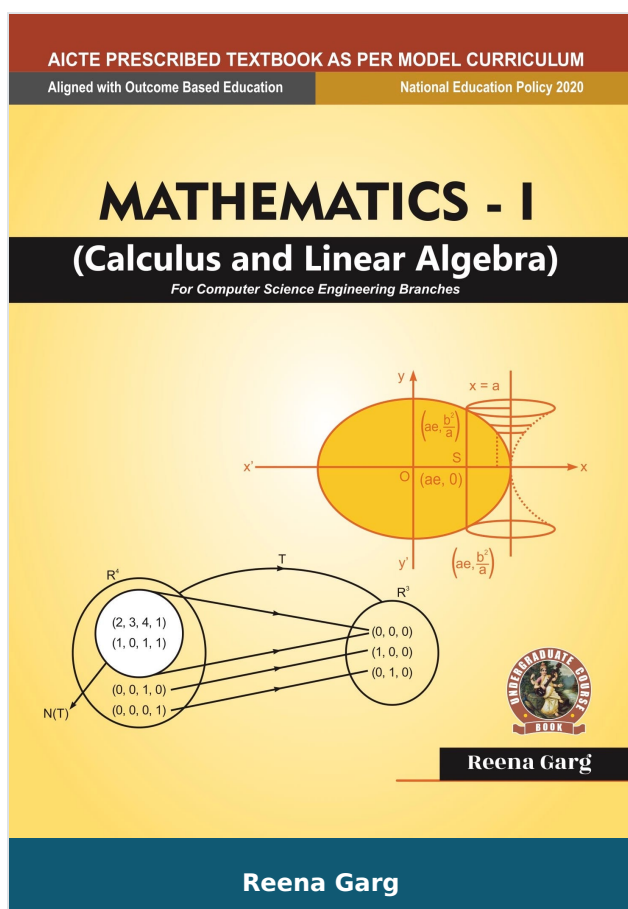
Table Of Contents

- Introduction to blockchain
- Consensus
- Hyperledger fabric
- Use cases 1 & 2
- Use case 3

Author

Parveen A.

Parveen A. , Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology R. Nivedha, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology



Mathematics-I (Calculus and Linear Algebra) For Computer Science Engineering Branches

Author :	Reena Garg
ISBN 13 :	978-93-91505-27-1
ISBN 10 :	9391505279
E-ISBN 13 :	978-93-91505-27-1
Edition :	First
Pages :	412
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store, Ebooks, APPLIED SCIENCES & HUMANITIES
Condition Type :	New
Country Origin :	India

Product Description

Calculus and Linear Algebra cover all the modules prescribed by AICTE model curriculum to all the 1st year CSE students studying in engineering institutions and universities of the country. It serves as both text book /or useful reference work. It contains 5 units which included calculus, Algebra and vector spaces along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that help in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE. This book is in student's friendly style, author has endeavored enormous efforts in providing numerous solved examples and exercise under each topic to facilitate better understanding of the concepts to the students. Majority of questions in this book have been designed to access the reader's understanding of the subject professionals or those who are preparing for competitive examinations will also find this book very useful. This book will give the students a complete grasp of the mathematical skills that are needed by engineers all over the country.

Some Salient Features of the Book:

1. In depth coverage of all related, essential and mentioned topics as per AICTE in simple presentation with clarity and accuracy.
2. Emphasis on the applications of concepts and theorems.
3. Core concepts are presented through a large number of solved graded model examples in an innovative and lucid manner.
4. A good number of relatively competitive problems are given at the end of each unit in the form of short questions, HOTS, assignments, MCQs and know more for student's practices purpose. Practical /Projects/ Activity also given in each unit for enhancing the student's capability, to increase the feeling of team work.

5. To clarify the subject, the text has been supplemented through Notes, Observations and Remarks; an attempt has been made to explain the topic through maximum use of geometries wherever possible.
6. Some standard problems with sufficient hints have been included in each exercise to gauge the student's visual understanding and for grasp the theory.
7. Video links, interesting facts, uses of ICT also included after each topic in every unit for easy understanding of the readers. Also included the pictorial representations of many topics for fast and permanent grasping of the content.

Table Of Contents

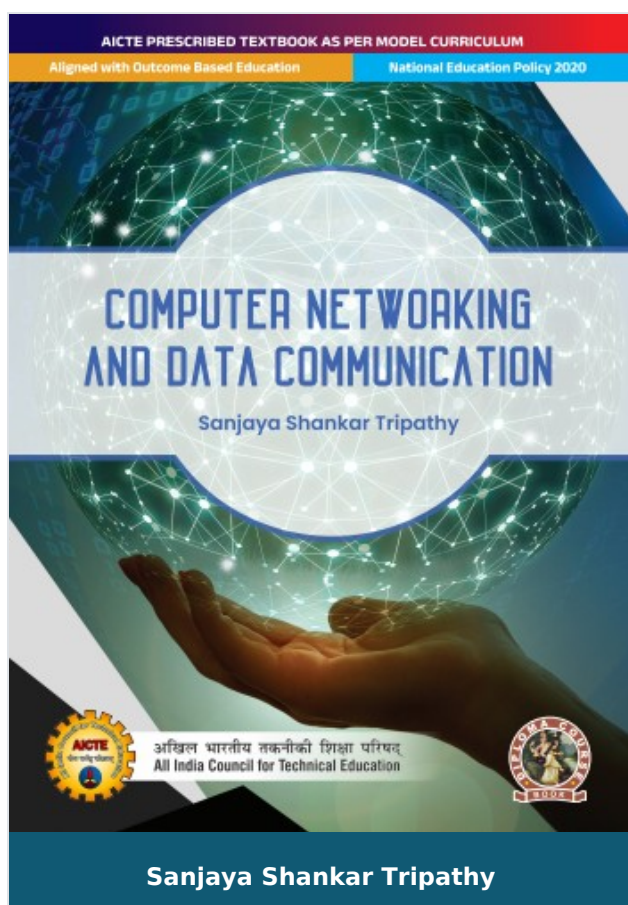
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teachers
- Guidelines for Students
- Calculus-I
- Calculus-II
- Matrices
- Vector
- Spaces -I
- Vector Spaces - II
- Index
- CO and Po Attainment Table.

Author

Reena Garg

Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this

book more valuable for the knowledge seekers. She has published more than 10 research papers in various International Journals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.



Computer Networking and Data Communication

Author : Sanjaya Shankar Tripathy

ISBN 13 : 978-93-55388-96-4

ISBN 10 : 9355388969

E-ISBN 13 : 978-93-55388-96-4

Edition : First

Pages : 172

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 310.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Computer Networking and Data Communication

This book serves as an essential resource for students and professionals in Data communication and computer networking. Starting with protocols, the book gradually introduces the fundamental concepts of data communications, digital and analog transmission technology. Flow control, error control, routing and transmission control are presented as per the TCP-IP protocol architecture. It also gives a brief introduction to wireless communication. The subject matters are presented with required diagrams and suitable examples. The main concept of outcome-based education as per National Education Policy (NEP) 2020.

Salient Features:

- Content of the book is aligned with Unit outcomes, Course Outcome and program Outcomes.
- A blend of student and teacher-centric materials, presented as per the bottom-up approach of TCP-IP protocol.
- The book is enriched with example-based discussion for proper understanding of the related topic.
- Extensive use of figures and tables enhance understanding of the topics and the concepts.
- QR codes are given in the know more section in each chapter to explore beyond the syllabus
- A variety of exercise including multiple choice questions, short, long questions and numerical problems are provided at the end of each chapter.
- References are provided at the end of each chapter.

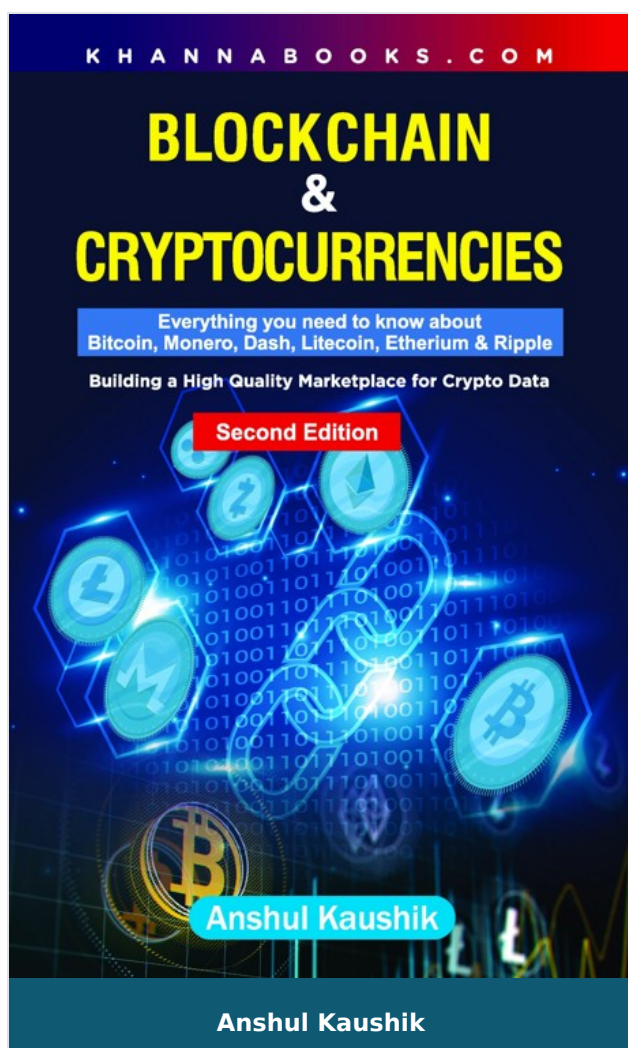
Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Introduction to Data Communication
- Digital & Analog Transmission
- Wireless Communication
- Data Link Layer Technologies
- Network Layer Technologies
- Transmission Media & Transmission Control Protocol
- References For Further Learning
- CO And PO Attainment Table
- Index

Author

Sanjaya Shankar Tripathy

Dr. Sanjaya Shankar Tripathy Assistant Professor Dept. of Electronics and Communication Engineering (ECE) Birla Institute of Technology Mesra, Ranchi



Block Chain & Crypto Currencies

Author :	Anshul Kaushik
ISBN 13 :	978-93-86173-72-0
ISBN 10 :	9386173727
E-ISBN 13 :	978-93-86173-72-0
Edition :	Second
Pages :	136
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 155.00
Categories :	Computer Science Engineering, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book is the author's attempt to peep into the world of Block Chain & Crypto Currencies without getting into complex algorithms and mathematics. Both the technical and the transactional aspects are explained with help of simple metaphors for all classes of readers. For curious readers who frequently encounter "Bit Coin", "Block Chain" & "Crypto Currencies" in their daily lives without a clue, this book can be considered as an authentic introductory text. Prospective investors can find this book useful in making decisions for choosing a suitable currency for investments. Readers who have already invested will find enough literature to understand the technical and functional aspects of resources for its readers to explore. This text also introduce readers with other popular crypto currencies Monero, DASH, Lite Coin, Ethereum & Ripple.

Table Of Contents

- PART ONE: Fundamentals
- Block Chain Technology & Bit Coin Beginnings
- Working of Conventional Money Market & Why do we need the Concept of Block Chain & Crypto currency
- Evolution: Crypto Graphy, Cypher Punk
- Financial Crisis of 2018
- Computer Architecture's
- Forks & Open Source Technology
- PART TWO: Block Chain
- Block Chain Introduction
- Block Chain Structure
- Core Concepts of Block Chain Cryptography, Hashing Function & Merkle Tree
- Proof of Work & Consensus in Block Chain
- Benefits of Block Chain Technology
- Block Chain & World Economy
- Block Chain Earning Mechanisms
- PART THREE: Bit Coin
- Introduction to Bit Coin
- Mining & Mining Pools
- Bit Coin Wallets
- Bit Coin Selling Buying & Exchanges (Bit Coin Trading)
- Transition From Bit Coin to Coin Cash
- PART FOUR: Other Crypto Currencies

- DASH
- Lite Coin (LTC)
- Ethereum, Ripple & Monero
- PART FIVE: Laws, Legislations & Other Uses
- Legal Aspects & Tax Laws
- Other Uses of Crypto Currency and Block Chain Technology
- PART SIX: How To's Practical Application
- Creating Wallet & Personalization Bit Coin Address
- Creating a DASH Wallet
- Creating a Lite Coin Wallet - Electrum
- How to Join a Bit Coin Mining Pool
- PART SEVEN: Tables & Appendix
- APPENDIX-I: Important Websites
- APPENDIX-II: White Paper Satoshi Nakamoto Bit Coin: A Peer-to-Peer Electronic Cash System
- APPENDIX-III: QR Codes
- APPENDIX-IV: Glossary

Author

Anshul Kaushik

Anshul Kaushik is a computer science graduate and holds MCSE, CCNA, AIX and CEH certifications. He has acquired strong knowledge in Network Security, Windows and UNIX Platforms. His topics of interest include penetration testing, incident reports, security profile generation, counter attacks technology and got honored with "Original Mind Award 2002" by minister of information technology for excellence in science and technology. He was also awarded by intel in the Talent Discovery and magazines is his hobby. He is currently working in IT department of Honda Siel Cars, India as a security specialist and

system administrator. He had also worked for different companies as a security advisor and IT specialist. He can be contacted by email: akaushik@rogers.com