



Blockchain Ecosystem

Author : Madhumathi M, U. A. Ranjni

ISBN 13 : 978-93-55384-11-9

ISBN 10 : 9355384114

E-ISBN 13 : 978-93-55384-11-9

Edition : First

Pages : 74

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 Ecosystem

BLOCKCHAIN ECOSYSTEM is a comprehensive and essential guide to the transformative technology underpinning the decentralized digital future. This book explores blockchain not just as a technology for secure, transparent, and immutable record-keeping, but as a foundational innovation reshaping entire industries, from finance and supply chains to healthcare and governance. It introduces readers to a new paradigm of trust and value exchange that operates without reliance on central authorities or intermediaries.

Authored with clarity and academic rigor, the text systematically breaks down the intricate and interconnected nature of the blockchain ecosystem. It begins by establishing the fundamental network architecture, contrasting it with conventional distributed databases, and delves into the mechanics of key consensus algorithms like Proof-of-Work (PoW) and Proof-of-Stake (PoS). The book then traces the evolution of the technology across Blockchain 1.0, 2.0, and 3.0, illustrating the shift from basic digital currency to complex decentralized applications (dApps) and enterprise-grade scalability solutions.

Crucially, this guide provides practical, hands-on knowledge, including a deep dive into Smart Contracts using Solidity, detailing their lifecycle, creation, and deployment, alongside frontend connection methods. It also critically examines the significant security risks (e.g., Reentrancy, 51% attacks) and performance challenges (e.g., scalability, interoperability) inherent in blockchain deployment.

Whether you are a student seeking foundational knowledge, an entrepreneur building the next decentralized application, a developer aiming for secure Solidity implementation, or a policymaker navigating regulatory complexities, this book is an indispensable resource for understanding the complexities, opportunities, and future directions of the blockchain revolution.

Salient Features:

- **Core Network Fundamentals:** Presents a detailed comparison of blockchain with conventional distributed databases, explaining fundamental principles like decentralization, immutability, security, and cryptographic hashing.
- **Mechanism Comparison:** In-depth coverage of various consensus models, detailing the trade-offs between energy-intensive Proof-of-Work (PoW) and the more sustainable Proof-of-Stake (PoS) and BFT protocols.
- **Blockchain Generation Study:** Systematically analyzes the evolution from Blockchain 1.0 (Digital Currency) to 2.0 (Smart Contracts/dApps), concluding with 3.0 (Scalability/Interoperability) and enterprise-grade solutions.
- **Practical Smart Contracts:** Provides step-by-step guidance on writing, deploying, and connecting decentralized applications (Dapps) to a frontend using Solidity, Hardhat, and Next.js.
- **Security Risks Analysis:** Dedicated chapters dissect major security issues, including the 51% Attack, smart contract vulnerabilities (like Reentrancy), Sybil attacks, and common EVM bytecode flaws.
- **Solidity Code Vulnerabilities:** Highlights programming pitfalls specific to the Ethereum development language Solidity, such as gas optimization issues, access control flaws, and the challenges of contract upgradability.
- **Advanced Scalability Solutions:** Explores techniques to overcome network performance limitations like low TPS and high fees, focusing on Sharding, Sidechains, Off-Chain State Channels, and concurrent transaction processing.
- **Industry 4.0 Applications:** Details the promising real-world application of blockchain in Industry 4.0 (M2M communication) and Health 4.0, discussing both opportunities and inherent integration challenges.

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- Network and Security
- Blockchain security issues
- Smart contracts
- Performance related issues
- Challenges in Blockchain

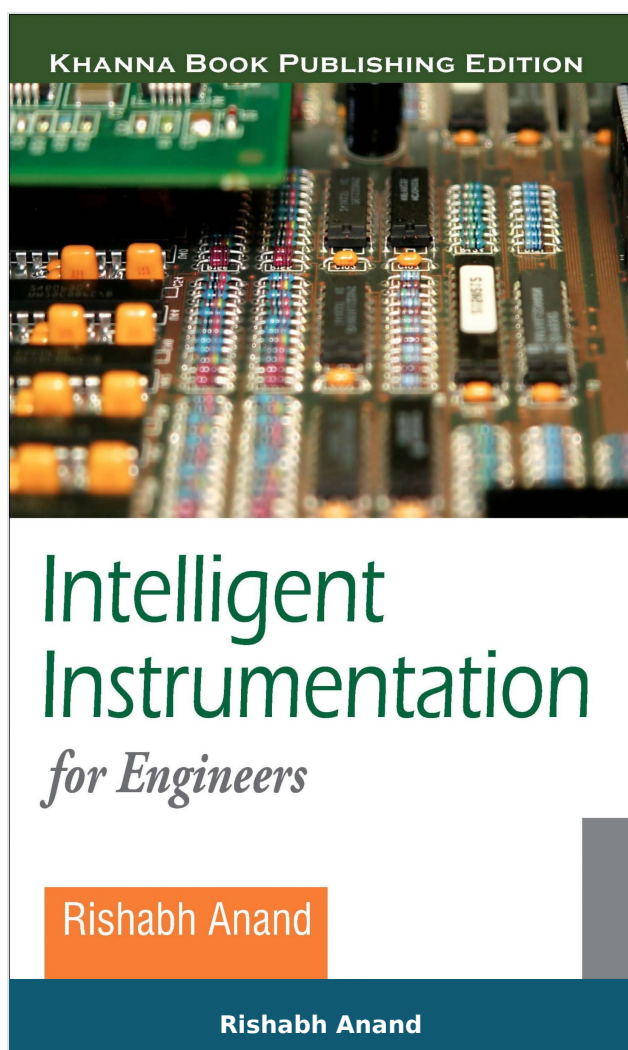
Author

Madhumathi M

Madhumathi M,

U. A. Ranjni

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Intelligent Instrumentation for Engineers

Author :	Rishabh Anand
ISBN 13 :	978-93-81068-85-4
ISBN 10 :	9381068852
E-ISBN 13 :	978-93-81068-85-4
Edition :	1
Pages :	120
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 85.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Covers the complete latest syllabus of intelligent instrumentation for engineers prescribed by M.D.U. Rohtak. Encourages students to use an easy-to-understand system help them think critically about intelligent instrumentation. This book will be a boon to students and will help them to face examination in confident manner. Very lucid and simplified approach to understand the subject. Subject matter in each chapter developed systematically from figures and examples. All topics are explained in an easy manner followed by numerous figures and case studies. Provides user-friendly approach. Model question papers according to latest examination pattern for MDU are added. Review questions are included at the end of each chapter. These exercises allow students additional practice with each of the topics covered in the book.

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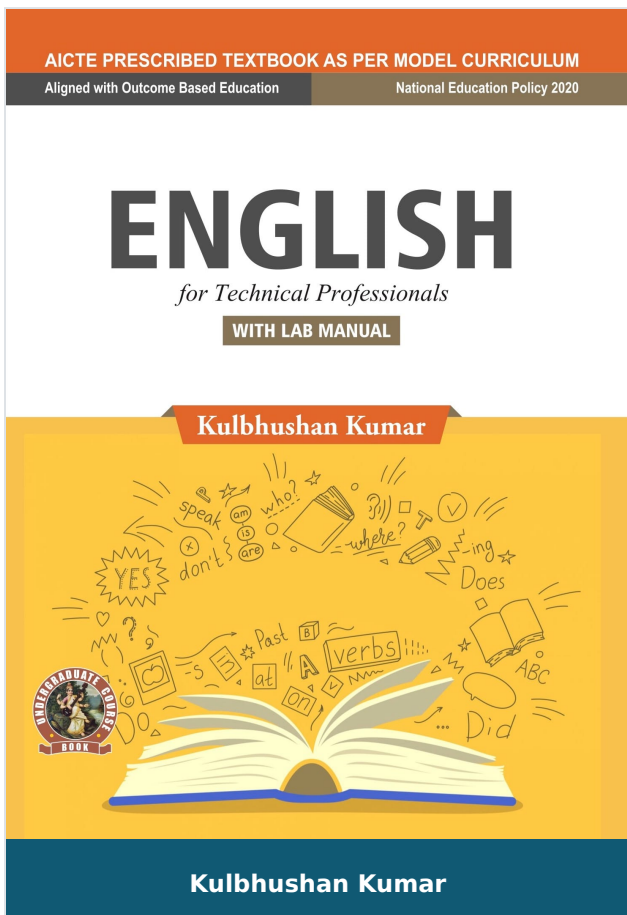
- Introduction
- Interfacing Instruments and Computers
- Instrumentation Computer Networks
- Software Filters
- Appendix A
- Appendix B
- Model Test Paper For Practice

Author

Rishabh Anand

Rishabh Anand received his Bachelor's degree B.E (Hons) in Electronics and Communication Engineering from Maharishi Dayanand University, Rohtak in 2006. The author is M.Tech. in Electronics and Communication Engineering from Veer Bahadur Singh Purvanchal University, Jaunpur in 2014, and MBA from Indian Institute of Management, Kozhikode in 2016. The Author is Program Diploma in Innovation Management from International Business Management Institute, Germany (Berlin) in 2020. The author has contributed to research publications in refereed, cited International Conferences and Journals, and attended many conferences, workshops, FDPs, and seminars. Also, he is the reviewer member of IJSDR Journal. He is a prolific author with 34 Text and Reference books to his credit, for B. Tech. (ECE/CSE/IT), M.Tech. (ECE/CSE/IT), BCA, MCA, and other courses of different Universities of India and overseas. His areas of interest include Software Project Management, Cloud Computing, Deep Learning, Tensor Flow, Python, R Programming and Machine Learning. He is currently working in ITES industry as a Global Service Delivery Manager. He is Project Management Professional (PMP)®, ITIL®

Foundation Certificate in IT Service Management, PRINCE2® Practitioner Certification - Project Management, ScrumMaster® (CSM®), Certified Six Sigma White Belt (CSSWB™), Lean Six Sigma White Belt Certified (LSSWBC™) and Certified Six Sigma Green Belt™ (CSSGB™). The author delivers lectures as Visiting Faculty (Assistant Professor) in the Global Institute of Technology and Management, Farrukh Nagar, Gurgaon.



English (with Lab Manual)

Author : Kulbhushan Kumar

ISBN 13 : 978-93-91505-09-7

ISBN 10 : 9391505090

E-ISBN 13 : 978-93-91505-09-7

Edition : First

Pages : 228

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

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

The Book on English in your hand is a textbook intended for the second language learners who wish to learn English but have a less environment in conversing with others in English. The book covers AICTE model curriculum for first year undergraduate degree courses in Engineering and Technology. The book is meant to familiarize the students with different aspects and genres in English including reading, listening comprehension, written and speaking skills. A must-buy for the students of engineering, Management and Humanities, the book combines reference grammar and practices exercises while maintaining a practice- oriented approach. So, to solve the purpose, the book has been divided into six part that highlights:

1. Vocabulary Building
2. Basic written Skills
3. Identifying Common Errors in Writing
4. Nature and style of Sensible Writing
5. Writing Practices
6. Oral Communications

Salient Features:

This book covers a wide range of topic such as conversation practice, vocabulary building , writing practices and sentence Patterns which generates a great taste to its learners. Apart from the core lessons, this course book includes additional reference tools strategies for learning independently, vocabulary trainer and ideas for developing speaking skills. The sole purpose of the book is to empower students with language and life skills the need to carry out to achieve their career goals. A big part of the book is about the vocabulary, with numerous examples. It prepares the learners in Business

English for effective communication not only as students during their collegiate day but also as employees after being employed. It is a complete guide for all business and professional communication activities explaining in simple language how people interact with each other through effective use of spoken and written English. To make the students face the competitive world, each chapter of this book is clearly structured with a strategic approach to learn the target language from the basic level. Therefore, it's THE BEST book for every technical student who wants to understand how English Works.

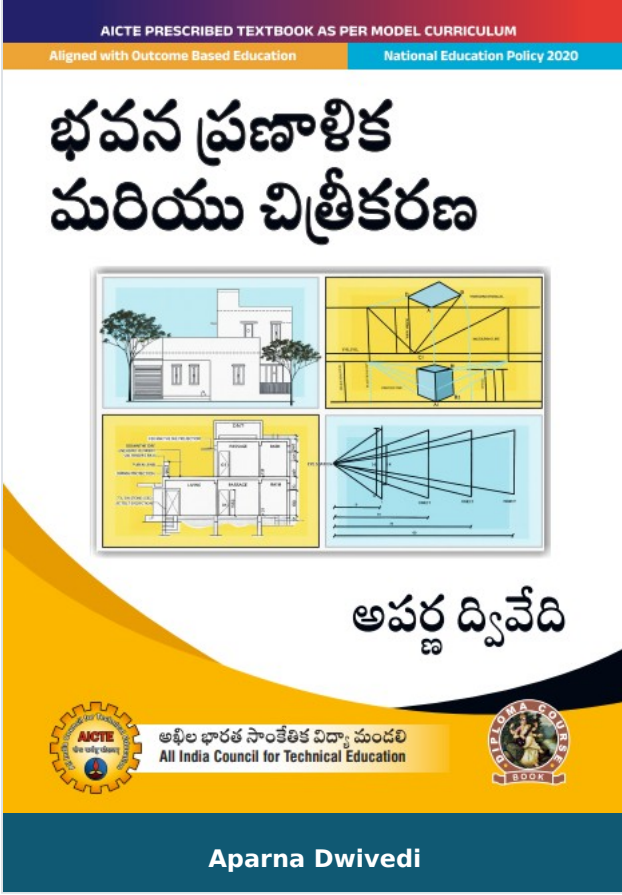
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- Common Errors in Writing
- Nature and
- Style of Sensible Writing
- Writing
- Practices
- Oral
- Communication

Author

Kulbhushan Kumar

Kulbhushan Kumar Former Head, Department of English and Communication Studies and Former Chief Editor and Coordinator. EU Voice University Magazine, Eternal University, Baru Sahib (Himachal Pradesh).



Building Planning and Drawing

Author : Aparna Dwivedi

ISBN 13 : 978-93-55389-11-4

ISBN 10 : 9355389116

E-ISBN 13 : 978-93-55389-11-4

Edition : First

Pages : 236

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 368.00

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

Condition Type : New

Country Origin : India

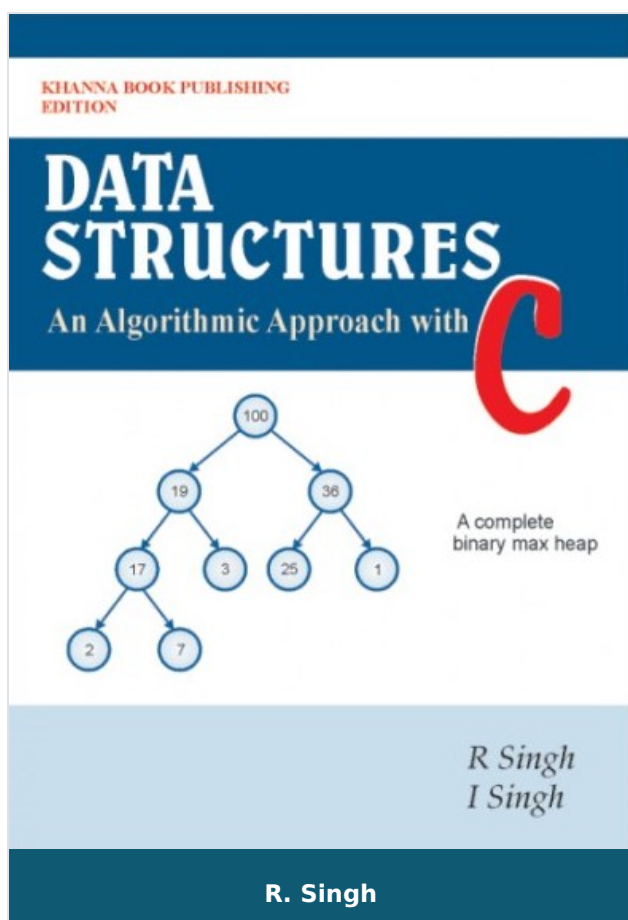
Product Description

Building Planning and Drawing

Author

Aparna Dwivedi

Dr. Aparna Dwivedi Assistant Professor Sir J.J. College of Architecture Mumbai-400001,
Maharashtra



Data Structures - An Algorithmic Approach with C

Author :	R. Singh
ISBN 13 :	978-93-80016-69-6
ISBN 10 :	9380016697
E-ISBN 13 :	978-93-80016-69-6
Edition :	1
Pages :	960
Type of book :	Physical
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Each chapter begins with an outline an overview, and a list of learning objective. Extensive coverage of data Structure basics, pictorial representation of each and every Data Structures in given in detail. Brief introduction to C language, various types of data structures and analysis of algorithms complexity is covered. Demonstration the development of algorithms is a lucid manner. Includes numbers illustrative examples to understand the topic easily. Demonstrates the implementation of algorithms in a good programming style. Objective-type questions have been provided. Around 200 solved C programs and algorithms are included. Diagrams are used extensively throughout the text. Contains numerous theory questions at the last of each chapter. Gives detailed description of arrays, stack and queues in lucid manner. Covers all tree structures like binary tree, binary search trees, AVL, B+ tree and red black trees in detail. Detailed analysis of each and every sorting and searching technique is covered with the help of Programming examples. Presents various hashing techniques like hash functions, linear probing, quadratic probing, double hashing and rehashing. Brief introduction to the concept of file and storage management. This book will be useful for student of BE (Computer/Electronics), B. Tech, ME(Computer/Electronics), M. Tech, MCA BCA, M.Sc., B.Sc. and also to students pursuing A/B/C-level course of DOEACC.

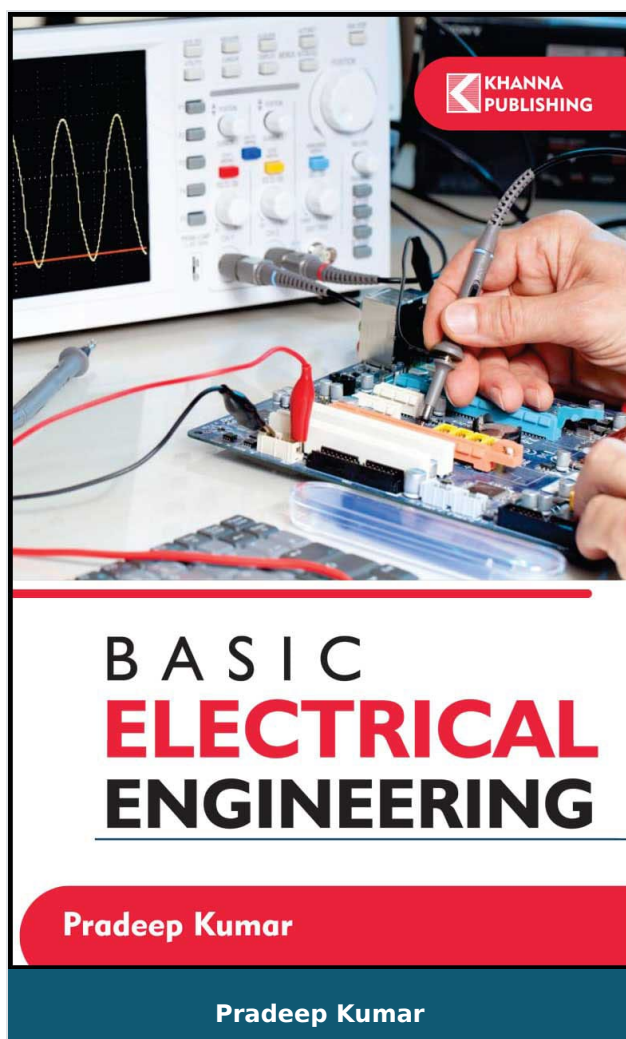
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- Stacks
- Queues
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- Search Trees
- Heaps
- Graphs
- Sorting and Searching Techniques
- Hashing
- File and Storage Management

Author

R. Singh

R. Singh "R Singh, MCA is equipped with an extraordinary calibre and appreciable academic potency. He has teaching experience of nearly twenty years. He has authored ten books on various complex topics of computer science. He has already submitted his Ph.D. thesis in the field of system simulation. His other areas of interest include Software Engineering, Data Structures and Information Systems. "



Basic Electrical Engineering

Author :	Pradeep Kumar
ISBN 13 :	978-93-80016-32-0
ISBN 10 :	9380016328
E-ISBN 13 :	978-93-80016-32-0
Edition :	1
Pages :	356
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Electrical, Electronics & Communication Engineering, 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

This book is intended to serve as a textbook for the B. Tech first year students which are common to all branches of engineering of the Uttar Pradesh Technical University (UPTU), Lucknow. This book includes the in-depth knowledge of network theorems, electric machines, and power systems. In this book the basic concepts, principles are clearly explained.

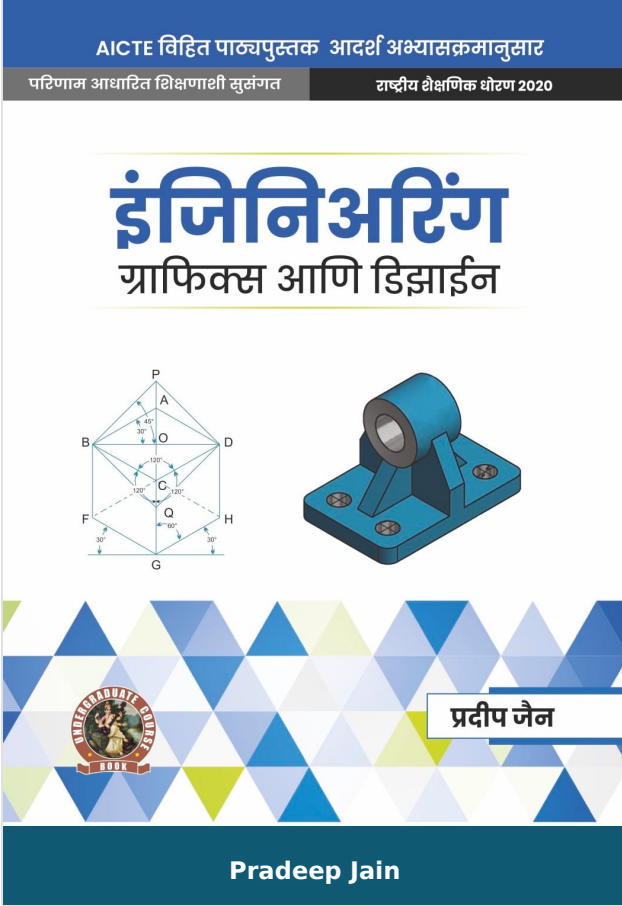
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- Fundamental of Electric Circuits
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- Steady State Analysis of Single Phase Ac Circuit
- Complex Number
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- Magnetic Circuits
- Transformers
- Electric Machines
- Measuring Instruments
- Introduction to Power System

Author

Pradeep Kumar

Pradeep Kumar is presently working as Lecturer in Department of Electrical Engineering at Babu Banarasi Das National Institute of Technology and Management, Lucknow. He did his B.Tech in Electrical Engineering from Uttar Pradesh Technical University, Lucknow. He teaches courses on Electric Machines, Network Analysis and Synthesis, Electromagnetic Field Theory, Basic Electrical Engineering.



Engineering Graphics & Design

Author :	Pradeep Jain
ISBN 13 :	978-93-55380-22-7
ISBN 10 :	9355380224
E-ISBN 13 :	978-93-55380-22-7
Edition :	First
Pages :	268
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

Salient Features:

1. Introduction of Engineering Drawing.
2. Orthographic Projection.
3. Projection of Solids.
4. Section of Solids and Development of Surfaces.
5. Isometric Projection.
6. Overview of Computer Graphics.
7. CAD Drawing.
8. Solid Modelling.
9. Team Design Project.

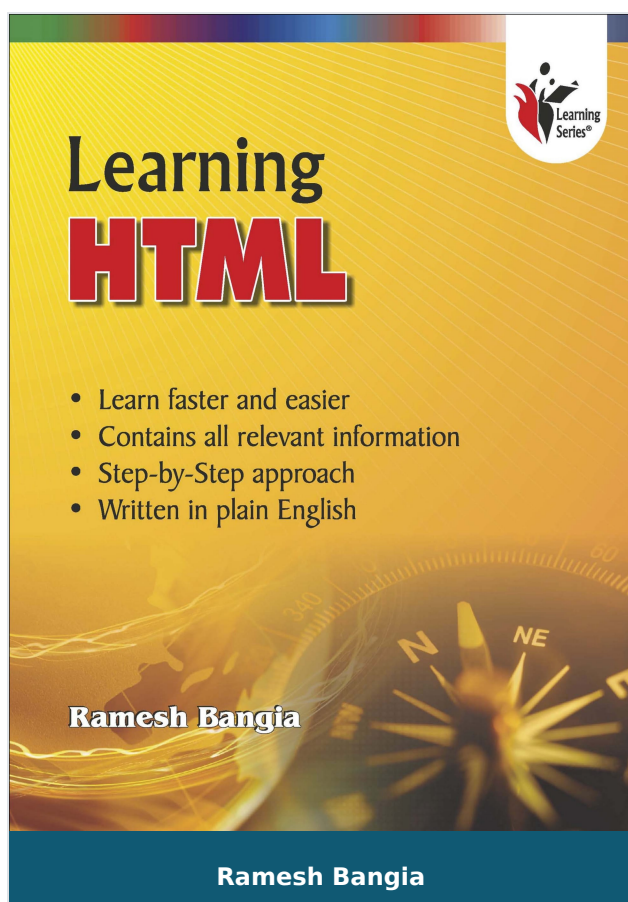
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- Orthographic Projection
- Projection of Solids
- Sectional Views of Solids
- Isometric Projection
- Overview of Computer Graphics
- Customisation & CAD
- Annotation Layers and 3D Modelling
- Projects
- Reference
- CO and Po Attainment Table
- Index.

Author

Pradeep Jain

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.



Learning HTML

Author :	Ramesh Bangia
ISBN 13 :	978-93-82609-19-3
ISBN 10 :	9382609199
E-ISBN 13 :	978-93-82609-19-3
Edition :	1
Pages :	200
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.

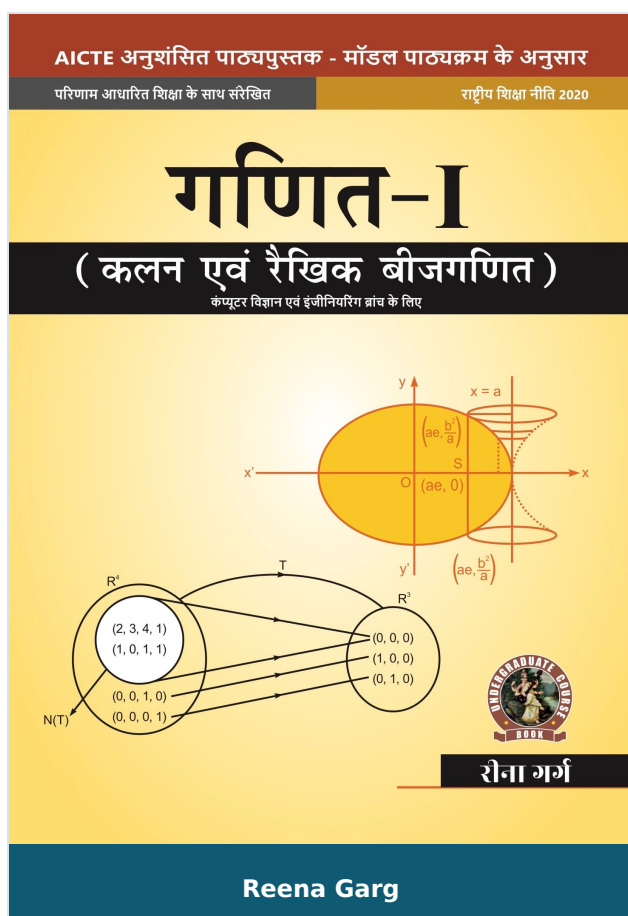
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- Introduction to HTML 5
- What's new in HTML 5
- Working with HTML 5
- New Attributes and Events in HTML 5
- HTML 5 Form Elements
- HTML 5 Form Attributes
- HTML 5 Event Attributes
- HTML 5 Audio/Video Methods
- Canvas 2D
- HTML 5 Tags
- Questions

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.



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

Author :	Reena Garg
ISBN 13 :	978-93-55381-65-1
ISBN 10 :	9355381654
E-ISBN 13 :	978-93-55381-65-1
Edition :	First
Pages :	440
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	AICTE Prescribed Textbooks, Hindi Books, Book Store, Ebooks
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.

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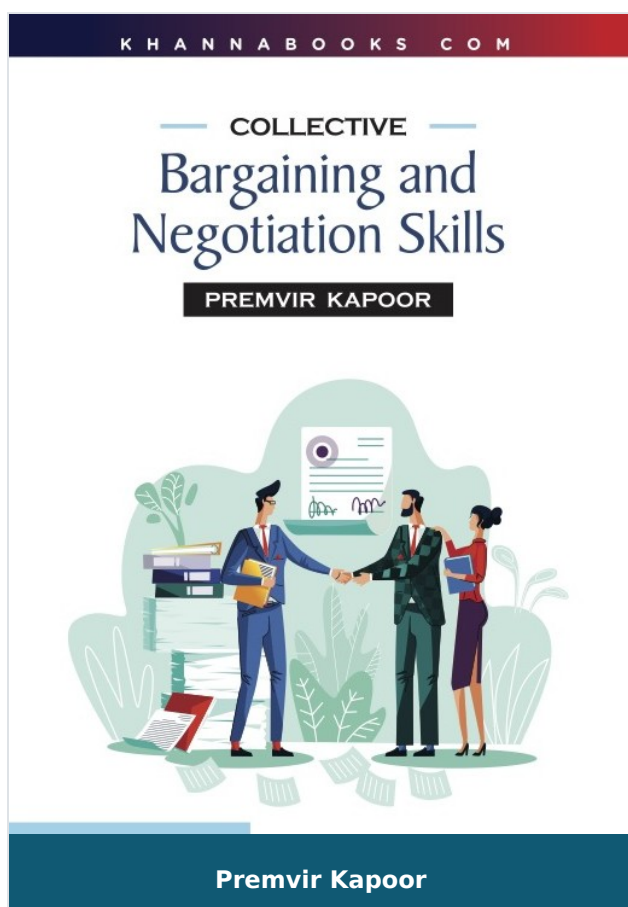
- Foreword
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- CO and Po Attainment Table.

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.



Collective Bargaining And Negotiation Skills

Author :	Premvir Kapoor
ISBN 13 :	978-93-74540-88-6
ISBN 10 :	9374540886
E-ISBN 13 :	978-93-74540-88-6
Edition :	First
Pages :	148
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	New Arrivals, Management Books, Book Store
Condition Type :	New
Country Origin :	India

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

Product Description

Collective Bargaining And Negotiation Skills

Collective Bargaining and Negotiation Skills has globally become a much discussed issue with economic conditions continuing to be uncertain complexity of business increasing many bold, competitive pressures mounting organizations becoming flatter by each passing day, managers have a tough balancing act to do one side they have a challenge of managing the needs, aspirations and emotions of their people, on the other side they have to negotiate from every stakeholder , the very best for their organization collective bargaining and negotiate are two very important and much needed skills for todays managers. the book test provides the readers a unique resource for continuing self-development. The book aims to fulfill the need of management students and also for the practitioners as a reference manual to help them upgrade their knowledge and skills with the right attitude. Both students in an academic setting as well as management practitioners will benefit from the text.

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- Preface
- An Overview of Collective Bargaining
- Consideration in Collective Bargaining
- Conflict Management
- Issues and Trends in Collective Bargaining
- Negotiation Skills
- Negotiating A Contract
- Developing Negotiation Strategies
- Bibliography

Author

Premvir Kapoor

Dr. Premvir Kapoor BBM(BHU), MBA(Podar Institute of Management), LLB Delhi, Ph.D(Meerut University), Diploma in Training and Development, ISTD New Delhi, Diploma in Corporate Laws and Secretarial Practice(Indian Law institute New Delhi). He has worked s Director in Sri Ram Institute of Management and IIMT Institute of Management, Greater Noida and Professor of Human Resource Management at IMS Ghaziabad and Lingaya University Faridabad. He has been associated with some of the leading Institutes of Company Secretaries of India, Institute of Marketing management, Western U.P Productional Council. He is a member of Indian Law Institute, New Delhi. He has been visiting faculty at various prestigious business schools.