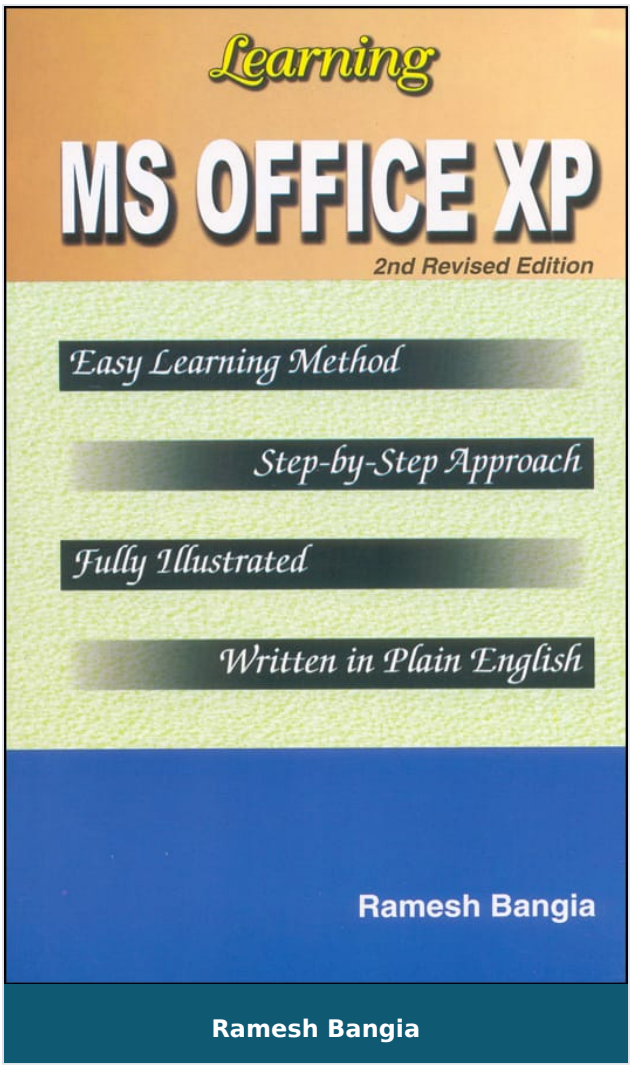

Learning MS Office XP

Author :	Ramesh Bangia
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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 realize how difficult it is to master it. Microsoft Office XP is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

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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 Ease and African countries.

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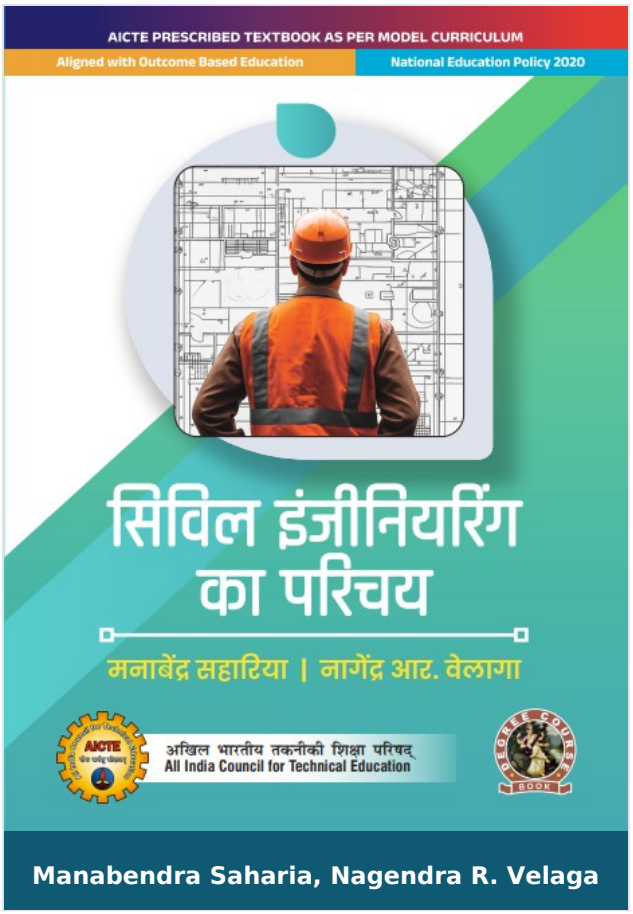

Introduction to Civil Engineering

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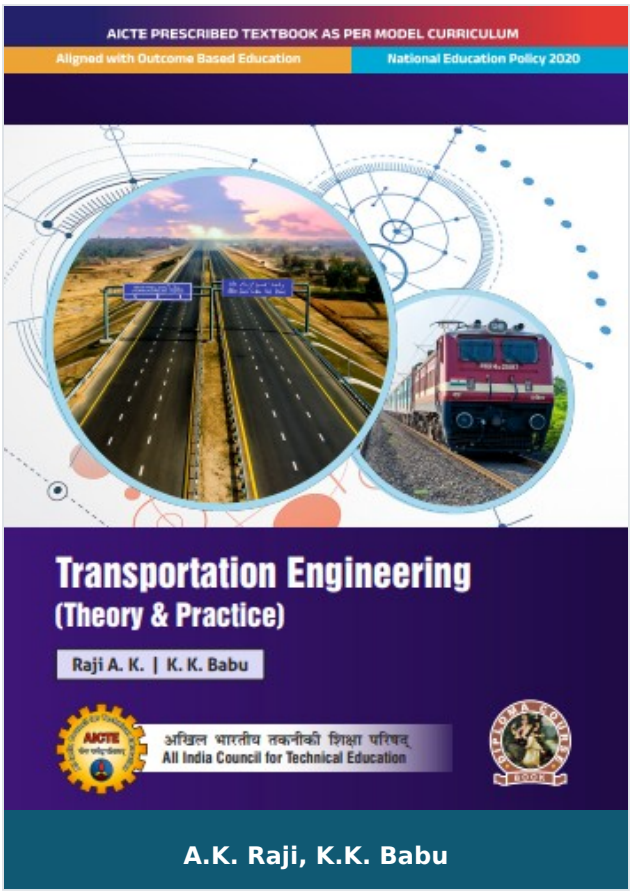

Transportation Engineering (Theory & Practice)

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Product Description

Transportation Engineering (Theory & Practice)

This book gives a comprehensive coverage of Highway Engineering and Railway Engineering, and is primary intended for the second-year Diploma course under the AICTE curriculum. The contents are designed and presented in simple language and lucid style in line with the principles of implementation of outcome-based education, as per the National Education Policy (NEP)2020.

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.

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- CONTRUCTION OF ROAD PAVEMENTS
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Author

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K.K. Babu

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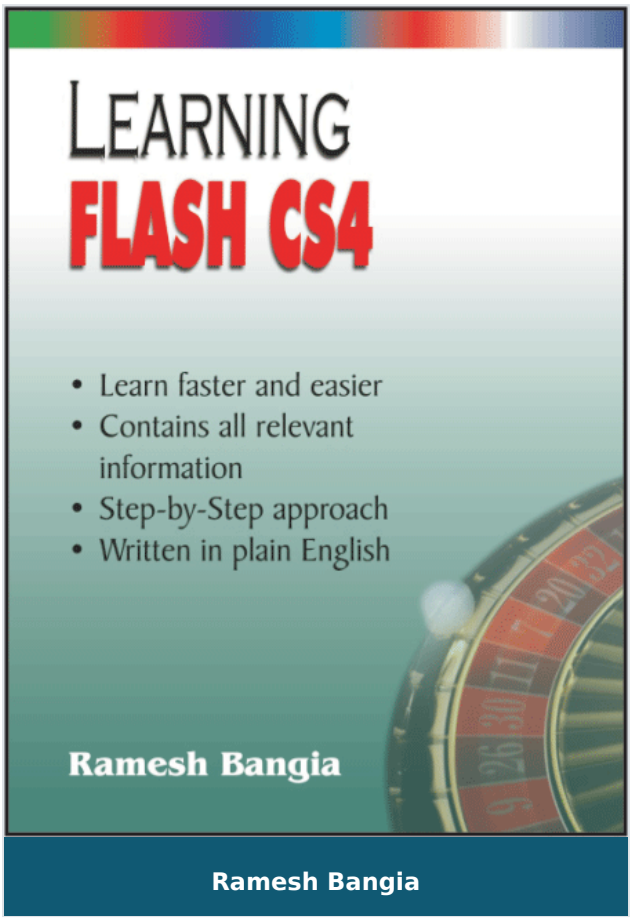

Ramesh Bangia

Learning Flash CS4

Author :	Ramesh Bangia
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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. Flash CS 4 is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

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- Advanced animations in Flash CS 4
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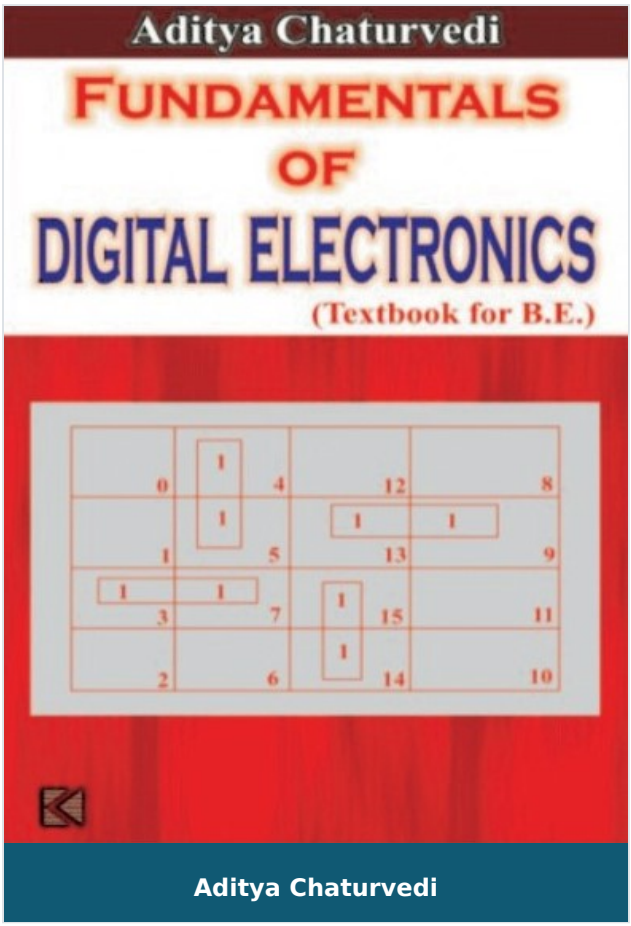
- Creating a logo
- Keyword shortcuts of Flash CS 4
- Questions

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 Ease and African countries.



Fundamentals of Digital Electronics

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Product Description

This book is primarily written for the BE/ B. Tech students of IT, computer, Electrical & Electronics & communication Engineering branches, who study this subject in 3rd, 4th semester and practically covers the course prescribed by all major universities. The language is kept simple and conversational so that all students can follow the book easily. The book will also be useful for students of other engineering branches and students of MCA, BCA, PGDCA etc. Who also study part of this subject like Boolean algebra, logic gates, number system etc. as a part of their syllabus. The book has large number of solved problems as well as assignments with their solutions given at the end of the book to assist the students in better understanding of the various topics.

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- Counters and Registers
- Analysis of Sequential Circuits
- Hazards
- Logic Families
- ADC/DAC : Solved Questions-Answers

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Aditya Chaturvedi is a graduate of I.I.T. Kharagpur with more than 30 years of experience in Industry and in Teaching. At present he is working as a faculty at MIT, Kota.

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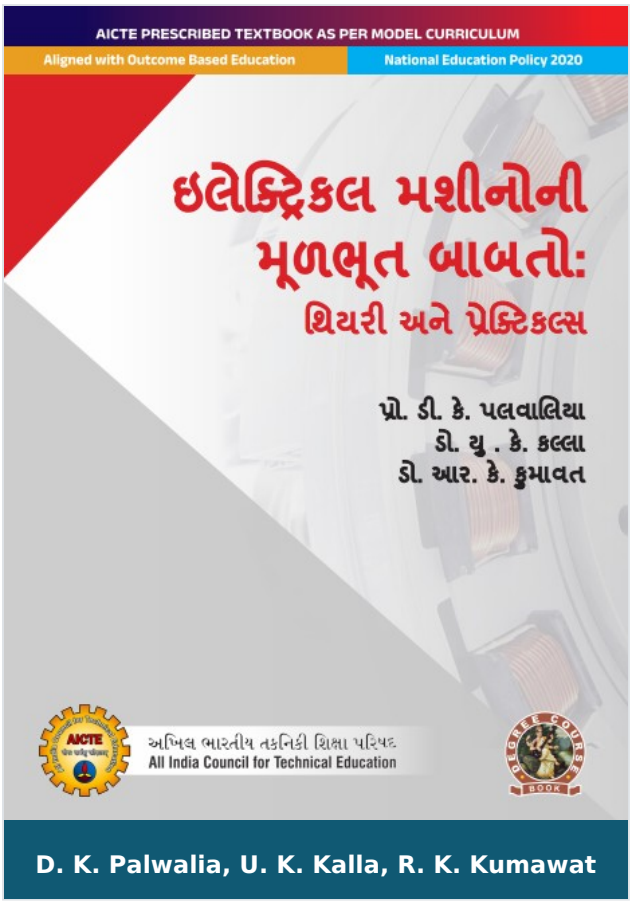

Basics of Electrical Machines: Theory and Practicals

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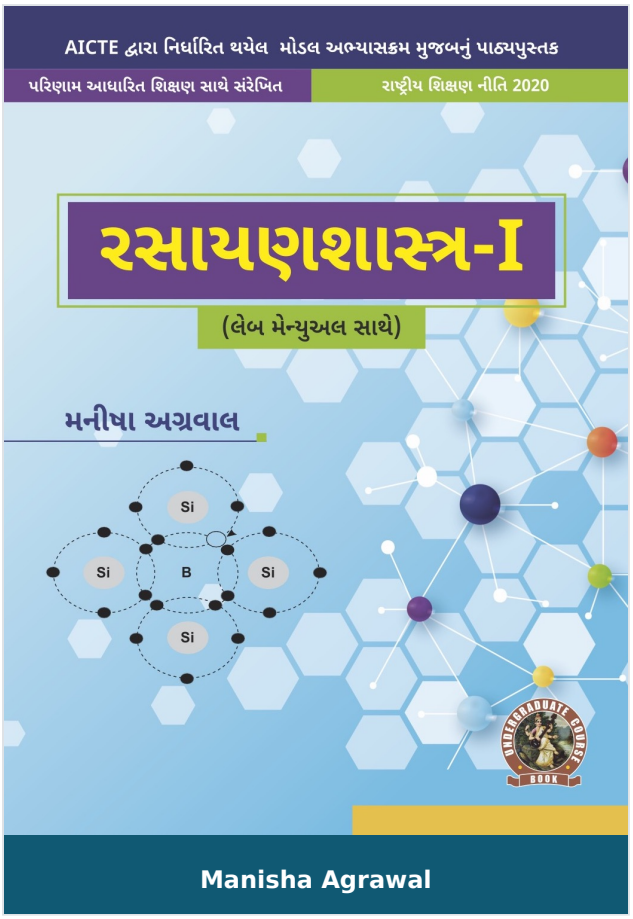

Chemistry-I (with Lab Manual)

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Product Description

“Chemistry-I” is a compulsory paper for the first year Undergraduate course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education. Book covers seven topics- Atomic and molecular structure, Spectroscopic Technique and applications, Inter-molecular Forces and Potential Energy Surfaces, Use of Free Energy in Chemical Equilibrium, Periodic Properties, Stereo-chemistry, Organic Reactions and Synthesis of Drug Molecules. Each topic is written is easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test student’s comprehension.

Salient Features:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.

2. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for us of ICT, Projects group discussion etc.

3. Students and teacher centric subject materials included in book with balanced and chronological manner.

4. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics.

5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter.

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Author

Manisha Agrawal

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Manisha Agrawal Dr. Manisha Agarwal is Dean, Basic Sciences at Chhattisgarh Swami Vivekanand Technical University Bhilai. Professor and head, Department of Chemistry at Rungta College of Engineering & Technology, Bhilai, (C.G.). She completed Ph. D. from Pt. Ravishankar Shukla University, Raipur in 1999. Since then she has been engaged in teaching and research. Dr. Manisha has authored several papers which have been published in SCI indexed International and National journals. She has organised more than 10 Conferences and workshops as convener among them four were International Conferences. She has credited five books as author, three patents as inventor and applicant and six Research Project Grants as Principal Investigator from Government Funding agencies like AICTE, CCOST and CSVTU. She has supervised 5 M. Phil. Students, 12 BE and Diploma students. Presently 6 research scholars are perusing Ph. D. under her supervision.

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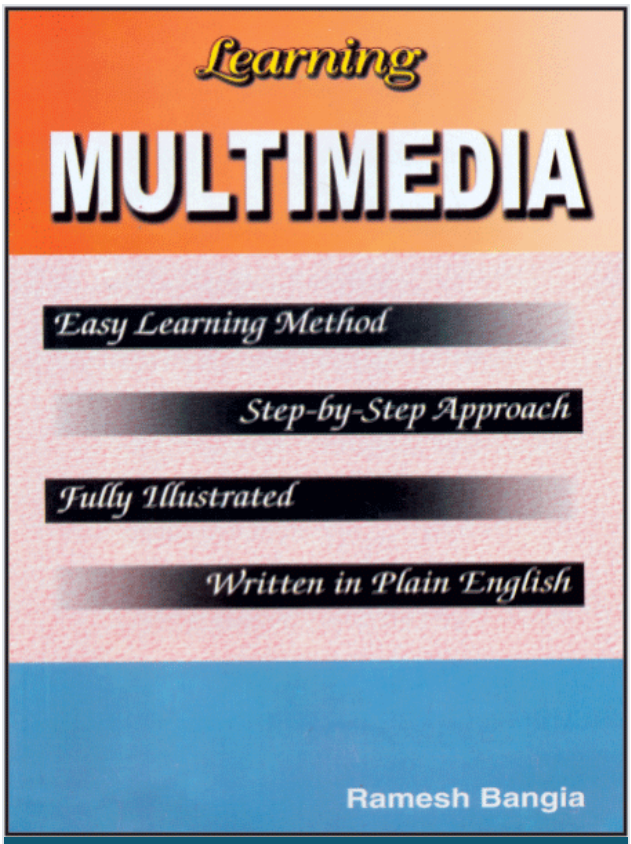

Ramesh Bangia

Learning Multimedia

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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 Ease and African countries.

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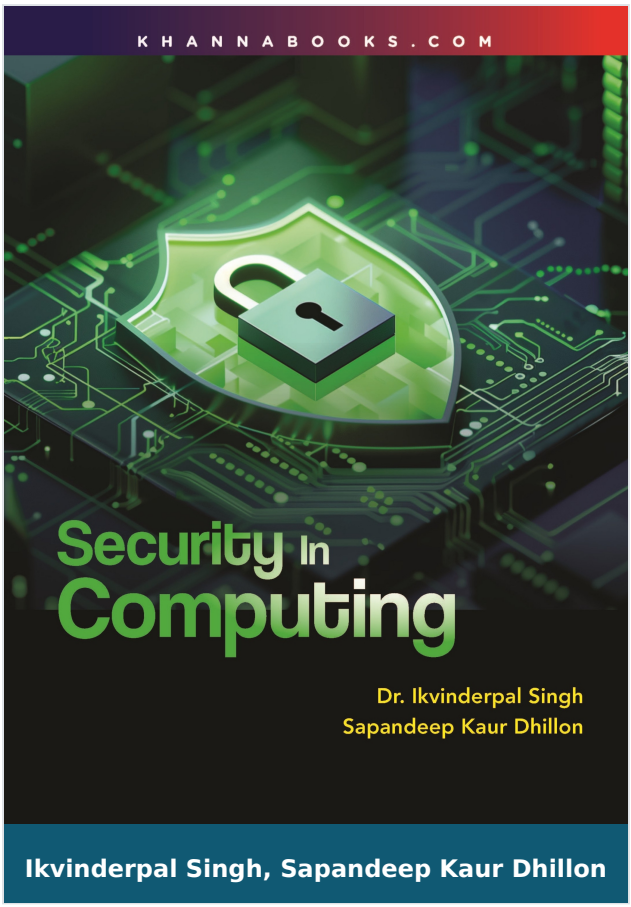

Security In Computing

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Product Description

Security In Computing

This book provides a systematic study of computing security, covering digital systems, operating systems, network, and databases, it helps readers apply security principles across different layers to protect data and resources from both internal and external threats. The text begins with fundamental concepts like authentication, auditing, and least privilege, while examining modern risks such as identity theft and nation-state adversaries.

Subsequent chapters focus on operating system security, detailing trust models, access control, and verifiable models like Bell-Lapadula and Biba. It also explores secure kernels, virtual machines, and the Android operation system. The network security section addresses DNS vulnerabilities, malware, firewalls, and privacy tools like VPNs and onion routing.

Finally, the book covers database security, including encryption, data masking, and SQL injection detection, supported by a MySQL case study. By emphasizing defense-in-depth and real-world relevance, this work is an essential resource for both academic learning and professional development.

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- Verifiable security goals
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- Need for physical security
- Database security
- Security features in Databases
- Exercises

Author

Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.

Sapandeep Kaur Dhillon

Sapandeep Kaur Dhillon is an assistant professor in the department of computer science, Guru Nanak Dev University, Amritsar, bringing 12+ years of dedicated academic experience to the discipline. She has authored 4 books, published 10+ research papers

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across national and international journals, reflecting her steady engagement with emerging trends in computing. Her academic interests span data structures, Compiler Design, and Artificial Intelligence, where she integrates foundational theory with practical, algorithmic thinking.

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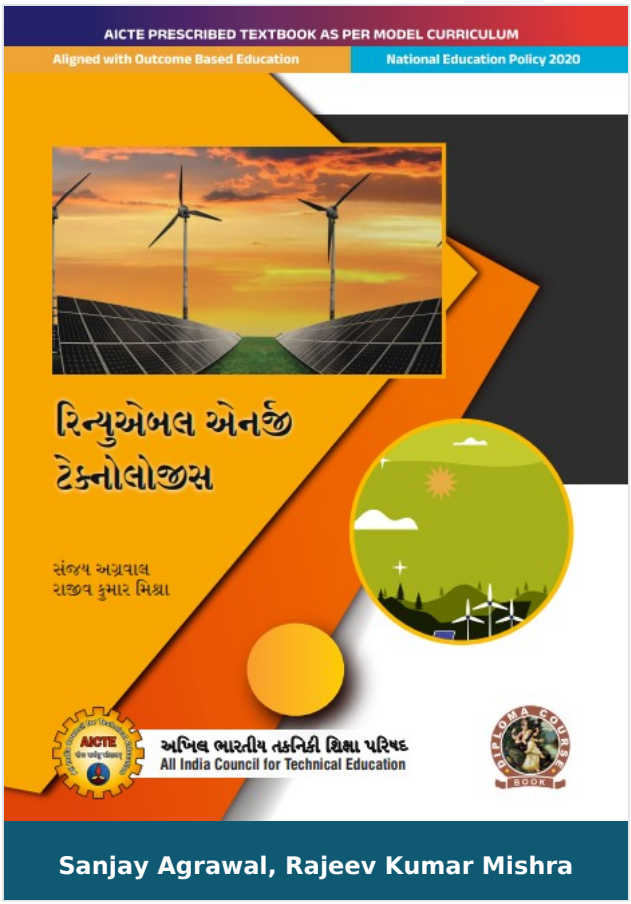

Renewable Energy Technologies

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Condition Type :	New
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Product Description

Renewable Energy Technologies

The Book “Renewable Energy Technologies” is an up-to-date textbook based on the latest syllabus provided by AICTE. The book begins with the present status of conventional and renewable energy availability and consumption in India and World. It then goes on discussing different types of renewable energy resources like solar PV and concentrated solar power, wind power generation, hydropower plants and biomass-based power plants. Other renewable energy sources such as tidal energy, wave energy, OTEC, geothermal energy, hydrogen energy and fuel cell are also introduced. Practical based on the chapter is also provided at the of every chapter.

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.
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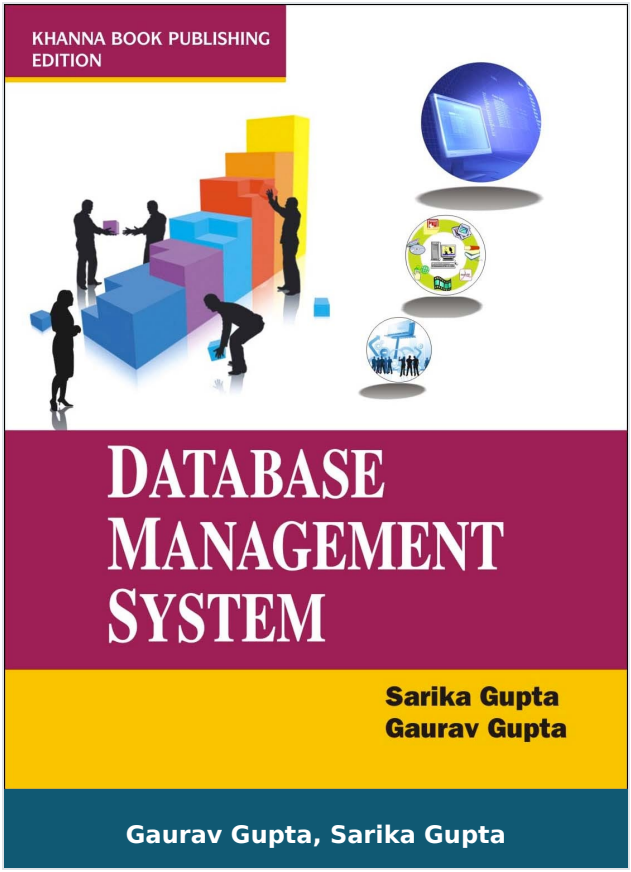

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Product Description

This text book is designed to meet the requirements of the students of postgraduate and undergraduate engineering students of various branches. The book offers the concise coverage of the fundamentals of Database, Database Structures, data Modeling, ER Diagram, Introduction on SQL, Database Design, MySQL, Oracle and Distributed database etc. This book comprises of various realistic pictures in each of the chapter to give the real feel of the subject to the reader for better understanding.

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- Data Modeling Using the E-R Model
- Relational Data Model and Language
- Introduction to SQL
- Data Base Design and Normalization
- Transaction Management and Processing Concepts
- Serializability
- Concurrency Control Techniques
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- Lab Guide
- Objective Type Questions of DBMS and PL/SQL
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infrastructure, Project Management, Marketing Automation and different enterprise software's, CRM, ERP etc.

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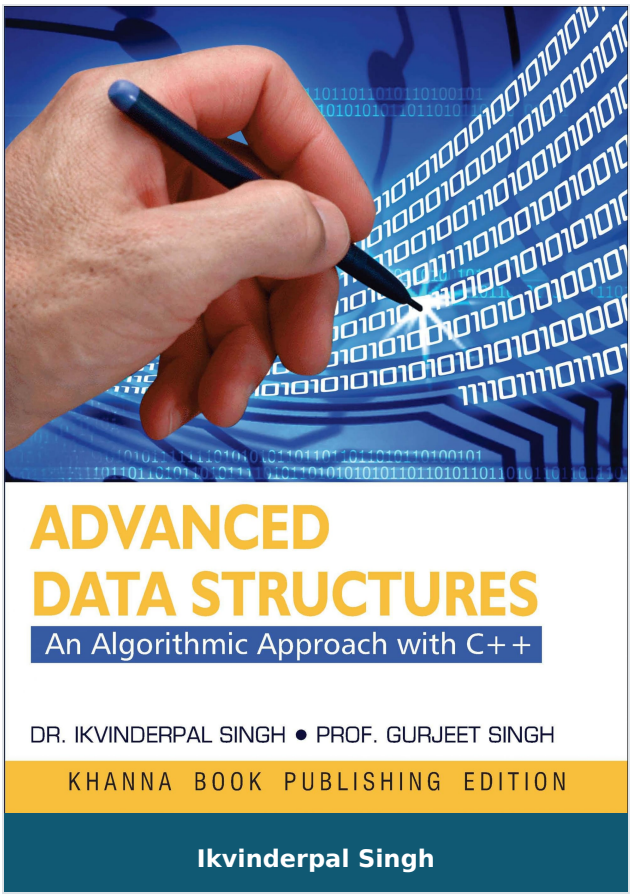

Advanced Data Structures

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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. Covers all tree structures like binary tree, binary search trees, AVL, B+-tree and red black trees in detail. Brief introduction to binary heaps, heap operations, specifications, implementation and applications 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. Diagrams are used extensively throughout the text. Contains numerous theory questions at the last of each chapter. Gives detailed description of advanced head structures, priority queue operations, and double ended priority queues in lucid manner. Includes the concepts like dictionaries, binomial heaps, Fibonacci heaps. Data structures for disjoint sets, tables and table operations. Gives detailed description of amortized analysis, starting matching, and graph algorithms. Detailed analysis of each and every sorting and searching technique is covered with the help of programming examples. Presents various external data structures-external storage, external files, external sorting searching indexing files, external hashing. Brief introduction to the concept of file and storage management.

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