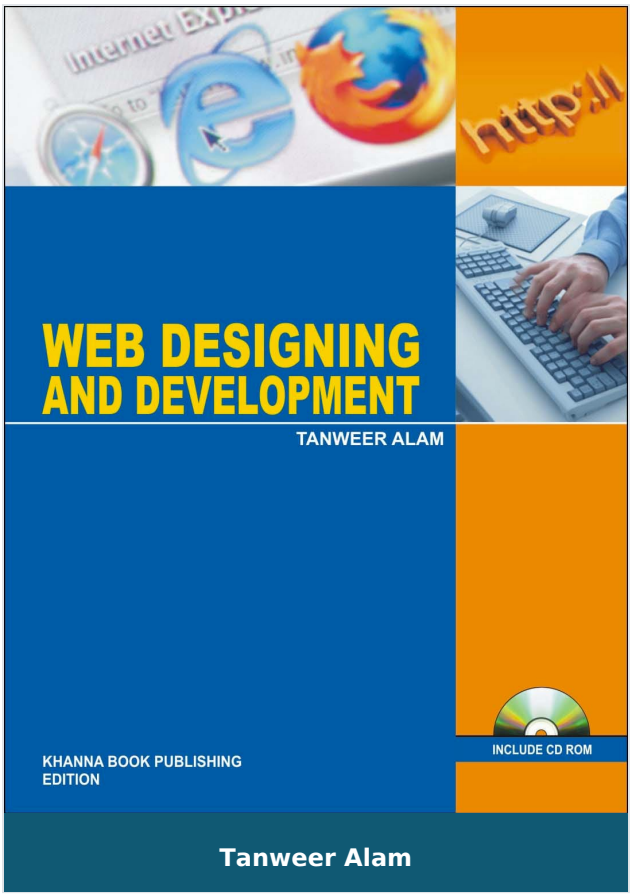

Web Designing and Development

Author :	Tanweer Alam
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E-ISBN 13 :	978-93-80016-87-0
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Condition Type :	New
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Product Description

This book deals with the fundamental of web programming. This book will be of great help to web developers who are not already familiar with web programming. This can upgrade their skills through this book and achieve great height in the world of web programming. The objective of this book is to promote that future by spreading the use of the websites as widely as possible. It is also integral to the internet applications and other e-business solutions that that are the foundation of corporate computing. this book is divided into a number of chapters. Each chapter is a self contained area. The chapters in this book are arranged in a sequence order. The programs presented in this book are just to understand the application. The objective of this book is the serve as a textbook in various course viz. B. Tech/MCA/BCA/M.Sc., etc.

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- Internet
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- XML
- Java Script
- Java
- Working with Database
- ASP.net
- Mini Website

Author

Tanweer Alam

Tanweer Alam has an experience of more than seven years in the Teaching field. Currently, He is working at MCA Department, Meerut Institute of Engineering and Technology, Meerut. He has got his MCA Degree in 2003 from UP Technical University, Lucknow, UP. He has got his Master Degree in Mathematics in 2000 from CCS University, Meerut, UP. He has got his MPhil Degree in Computer science in 2007 from MKU, Madurai. He is also MTech in IT and currently, He is doing PhD in Computer Science & Engineering. He presents more than thirty research papers in various reputed national/international Conferences/Journal.

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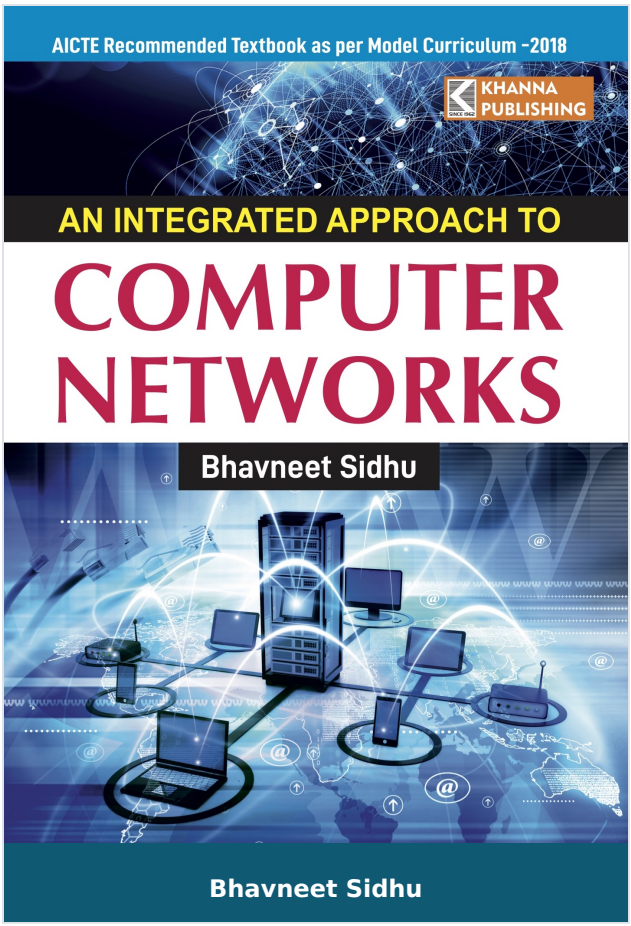

An Integrated Approach to Computer Networks

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Product Description

Computer networks have become essential part of modern computing. As a designer, developer, programmer, or user it is absolutely necessary to have a good understanding of the concepts and techniques involved in these modern networking technologies, This book treats the Network as a system composed of inter related building blocks, giving students and professionals the best possible conceptual foundation for better understanding of current networking technologies as well as the further technologies of the industries.

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- Reference Models-OSI and TCP/IP
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- Electromagnetic Signals and Modulation
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- Data Link Layer
- Multiple Access Protocols
- Introduction to LAN and MAN Protocols
- Network Layer
- Internetworking Devices
- Transport Layer
- Session and Presentation Layer
- Application Layer
- Network Security
- Some Network Standards

Author

Bhavneet Sidhu

Mrs. Bhavneet Sidhu is presently working as a Lecturer of Computer Science Department of computer science and Technology at Guru Nanak Dev University, Amritsar (Punjab).

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She obtained her MCA degree from Guru Nanak Dev University, Amritsar in 2001. She has over four years of teaching experience. She has been teaching computer Networks for the last three years and during this time she developed keen interest in networking and was inspired to write a book on this field. She has written this book keeping in view the interest and the needs of the students.

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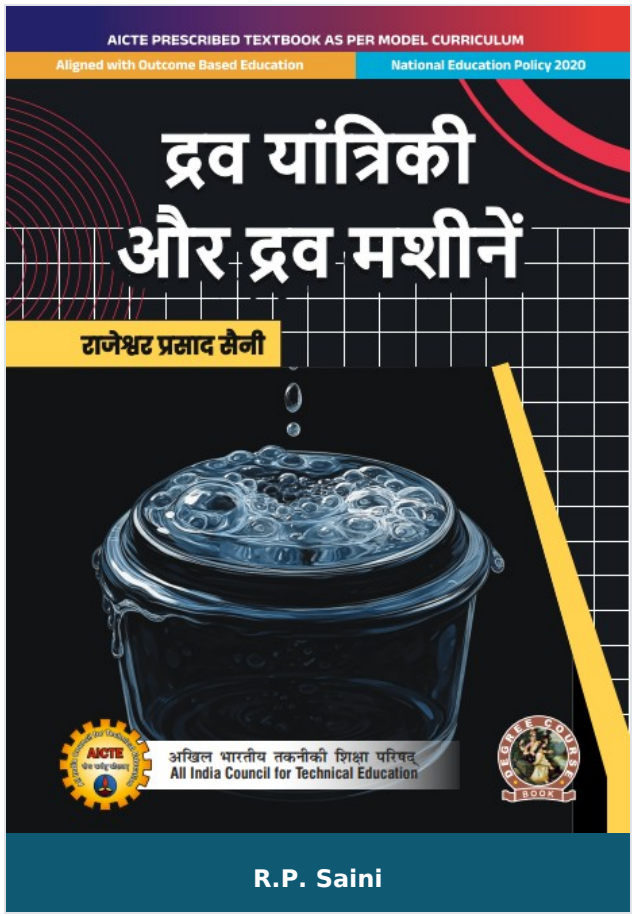

Fluid Mechanics & Fluid Machines

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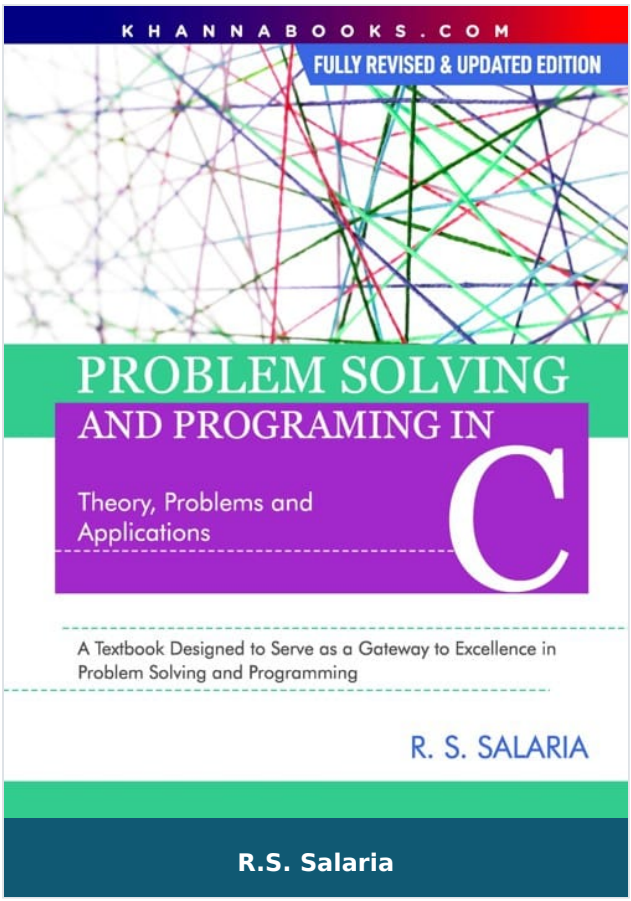

Problem Solving and Programming in C

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Product Description

The subject of Programming in C is an integral part of curriculum of all universities and institutes offering undergraduate and postgraduate and program in Computer Science and Information Technology leading to the degree of BE/B Tech, BSc(IT), BCA, MSc(IT), MSc(CS) and MCA.

This book is designed to serve as a textbook for the students taking these program of study. The book lays more emphasis on developing the skill of problem solving and program design, which are pre-requisites to programming.

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- Problem Solving and Program Planning
- Overview of C Language
- Fundamentals Data Types
- Operators and Expressions
- Standard Input/ Output
- Decision Making Statements
- Looping Statements
- Functions
- Arrays
- Strings
- Structures and Unions

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- File Handing
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- Preprocessor Directives
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Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p

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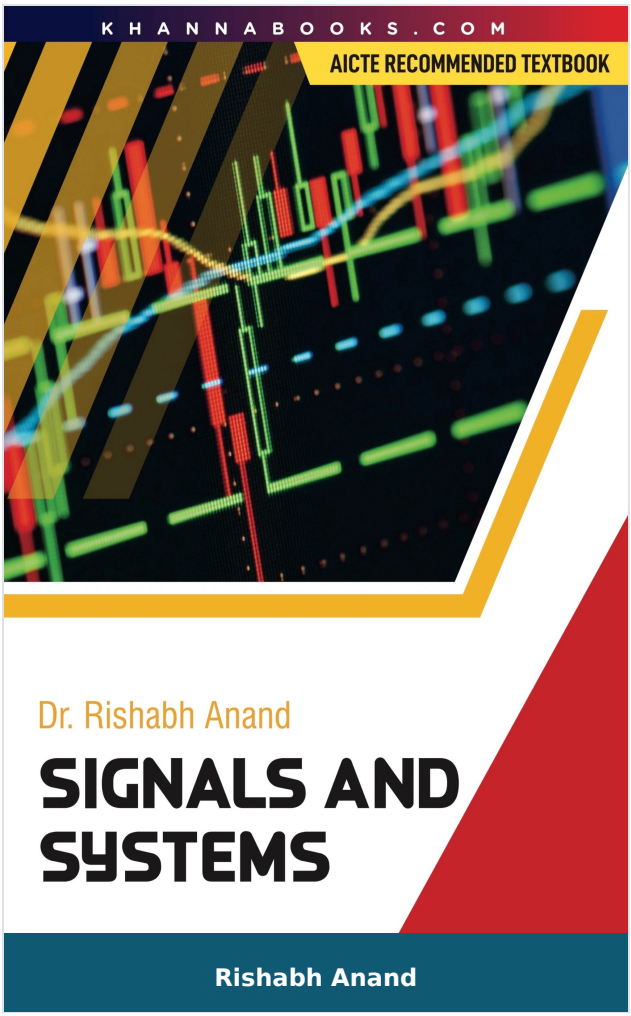

Signals And Systems

Author :	Rishabh Anand
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Product Description

This book presents the theory and concepts of signals and systems through analytical examples in a simple and lucid manner. It is designed for under graduate students of electronics and communication engineering, telecommunications engineering, electronics and instrumentation engineering, and electrical and electronics engineering. The book will also be useful to AMIE students. Written with student-centered, pedagogically driven approach, the text provides a self-contained introduction to the theory of signals and systems. This book looks at the concepts of systems, and also examines signals and the way that signals interact with physical systems. It covers topics ranging from basic signals and systems to signal analysis, properties of continuous-time Fourier transforms including Fourier transforms of standard signals, signal transmission through linear system, relation between convolution and correlation of signals, sampling theorems and techniques, and transform analysis of LTI systems. All the solved and unsolved problems in this book are designed to illustrate the topics in a clear way.

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- Ch -3 Fourier Series of Continuous-Time Signals or Continuous-Time Fourier Series(CTFS)
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- Ch -5 Continuous-Time Fourier Transform (CTFT)
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- Ch -10 z-Transform
- Ch -11 Characterization of Signals and Systems in Time and Frequency-Domain
- Ch -12 Sampling of Continuous-Time Signals
- Ch -13 Sampling of Discrete-time Signals

Author

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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

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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.

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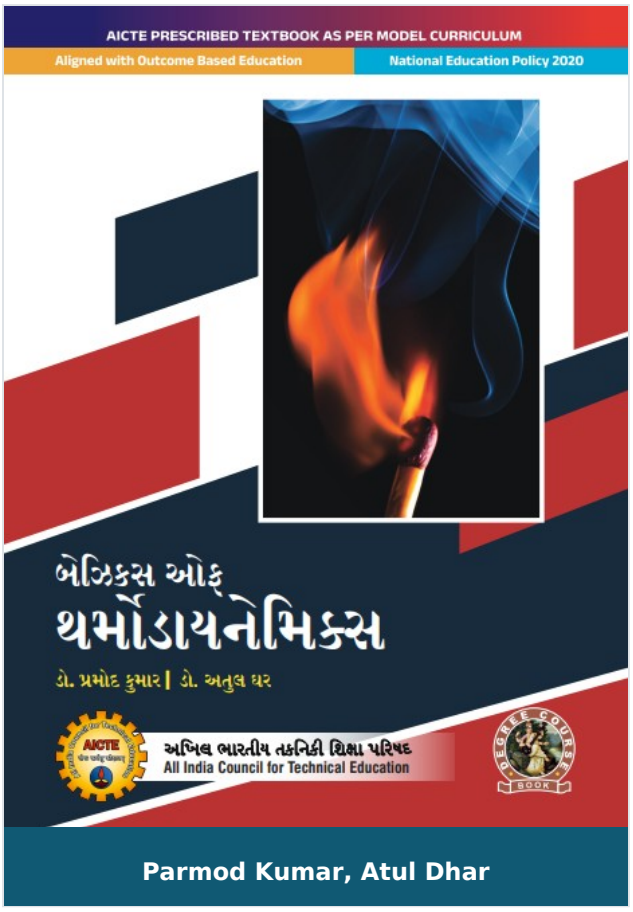

Basics of Thermodynamics

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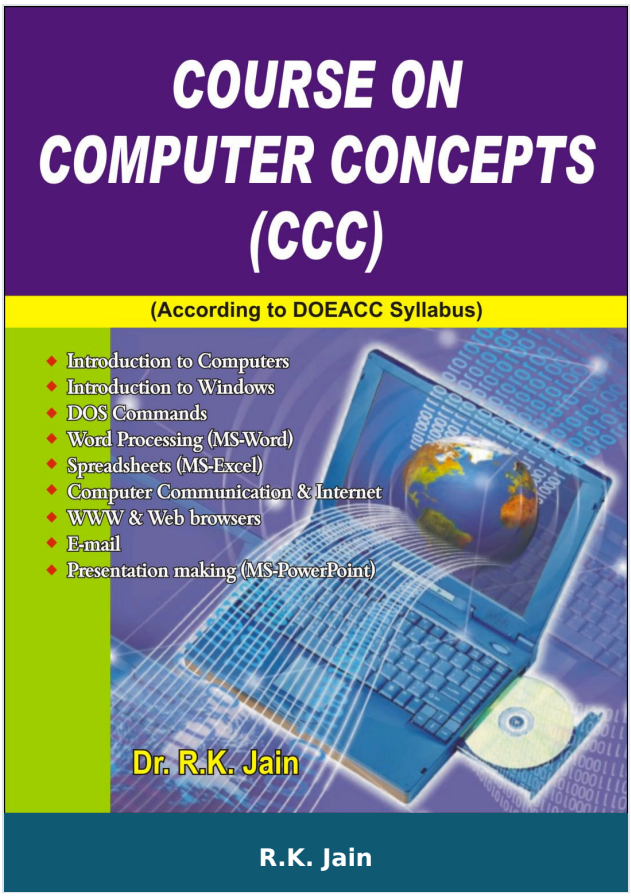

Course on Computer Concepts (CCC)

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Product Description

This books is prepared on the syllabus issued by the department of electronics (DOE) and under the scheme of all India council for technical education (AICTE), department of information technology (DIT), and ministry of communication and information technology (MICT), Government of India. The book is divided into the nine chapters and each chapter strictly covers the topics as per the syllabus defined by DOEACC society. Each topic in the chapter is property explained with the help of computer snap shots, wherever necessary. At the end of each chapter, summery of the chapter is provided for quick review of it. All the chapters are covered with large no. of questions as per the guidelines of DOE. large no. of objective type questions are also provided with the answers to them. Not limited to this, proper care has taken to write the chapters in simple English and step-by-step approach is used for the easy and fast understanding purpose.

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- Elements of Word Processing
- Spreadsheet
- Computer Communication and Internet
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- Index

Author

R.K. Jain

Dr. R.K. Jain studied at IIT Powai and submitted his thesis for Ph.D at Iit Delhi. He has held various important posts in the past. At present he is advisor to variuos universities on setting up of a computer department and setting up of the syllabus for the same. With his knowledge of the various computer topics, he is and ideal choice for writing these kinds of books.

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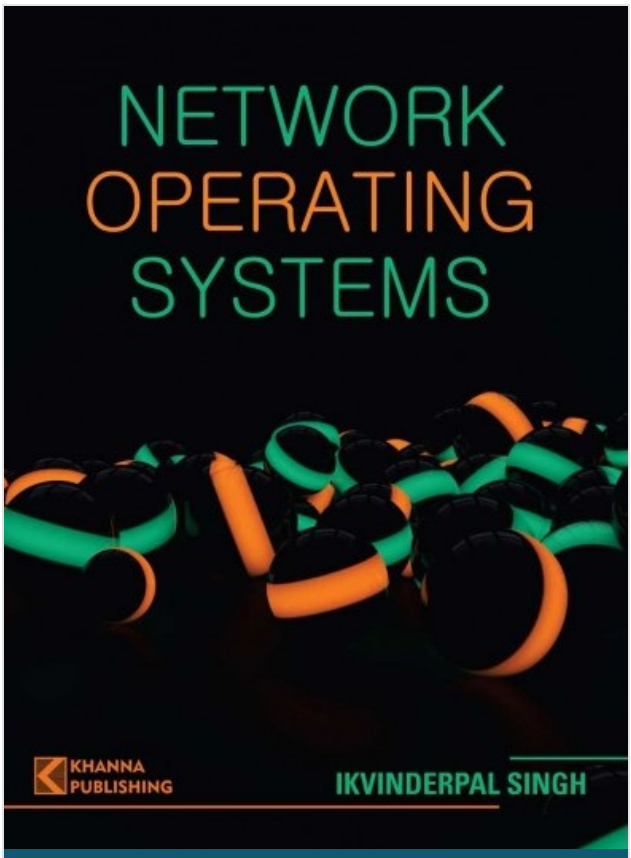

Ikvinderpal Singh

Network Operating Systems

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Product Description

Windows computers are rarely used without an active network connection, and often play major roles in supporting the network by providing routing, firewall protection, name resolution, IP address allocation, and remote access. Given the ubiquity of networking, every system administrator must master network administration. This book will help you master networking on windows services such as DNS and DHCP are included. Additionally, windows services provide the best support for proprietary Microsoft networking services and protocols, such as 113, WINS, DNS and Proxy servers, One of the advantages of using windows servers is that they do an excellent job of integrating Microsoft network services into an internet built on standard internet protocols. Each and every concept described with the help of its pictorial representation and examples to have clear ideas.

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- Introduction
- Windows Server 2003
- Disk Management
- Servers
- User Group and Computer Accounts
- Active Directory
- Performance Monitoring and Security
- Special Topics
- Glossary

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.

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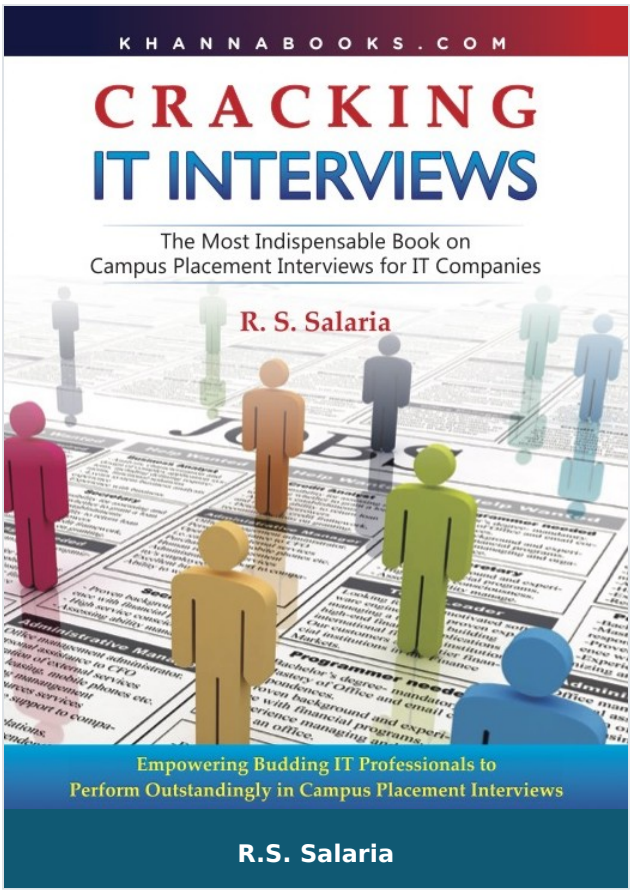

Cracking IT Interviews

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Product Description

It is a dream of every budding engineer to make it big in the corporate IT world. This book is designed to guide and empower the budding engineers to achieve their much cherished dream. Since it is the interview process where the employability of the budding engineer is judged, therefore, keeping this aspect in mind, the first chapter is designed to guide the budding engineer to the most basic aspects of the interview process, and how meticulously they should plan and prepare for the interview.

Further, majority of the IT companies don't expect that the budding engineers should be well equipped with the advanced techniques/technologies, but must have strong foundation in the basics and concepts of the concerned subjects. In addition, they should be able to demonstrate the burning desire to excel and passion to learn. keeping these aspects in mind, subsequent six chapters are designed to impart basic knowledge of the important topics through frequently asked questions in each topic.

Any budding engineer, who can master about 70-75% questions covered in the book can crack technical round of any IT company with a bang.

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- Basic Computer Concepts
- The C Language
- Data Structures and Algorithms
- Object-Oriented Concepts
- The C++ Language
- The Java Language

Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p

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Smarter City

Author :	Bala Sai Gayathri, G. Anbu Selvi, R. Nivedha
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Product Description

Smarter City

The concept of the Smarter City represents the future of urban living—a paradigm where technology, data, and interconnected infrastructure converge to enhance sustainability, efficiency, and the quality of life for citizens.

Smarter City provides an essential roadmap for understanding this complex evolution. It begins by laying the foundational pillars, exploring the convergence of IoT (Internet of Things), Cloud Computing, and Big Data as the technological engine of urban transformation. The book moves beyond theory to detail practical, real-world use cases, such as Connected Street Lighting that improves energy efficiency, Smart Traffic Control that dynamically reduces congestion, and Connected Environmental Monitoring systems that track air and water quality in real time.

This text is vital for urban planners, engineers, policymakers, and technologists seeking to grasp the architecture, implementation, and long-term impact of smart city initiatives. It is the definitive guide to building a truly intelligent, resilient, and sustainable urban future.

Salient Features:

- **Foundational Technology**: Deep dive into the core technologies enabling smart cities: IoT (Internet of Things), Cloud Computing, and Big Data Analytics.
- **Key Pillars of Smart Cities**: Comprehensive coverage of the main components, including Smart Governance, Smart Economy, Smart Mobility, Smart Environment, Smart People, and Smart Living.
- **IoT Architecture and Sensors**: Detailed explanation of the IoT architectural layers (Perception, Network, Application) and the role of various sensors (temperature,

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humidity, air quality) in data collection.

- **Practical Use Cases**: Real-world examples of successful smart city deployment, including:

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- **Citizen-Centric Design**: Emphasis on how smart city initiatives directly benefit citizens by enhancing public safety, reducing commute times, and improving environmental sustainability.

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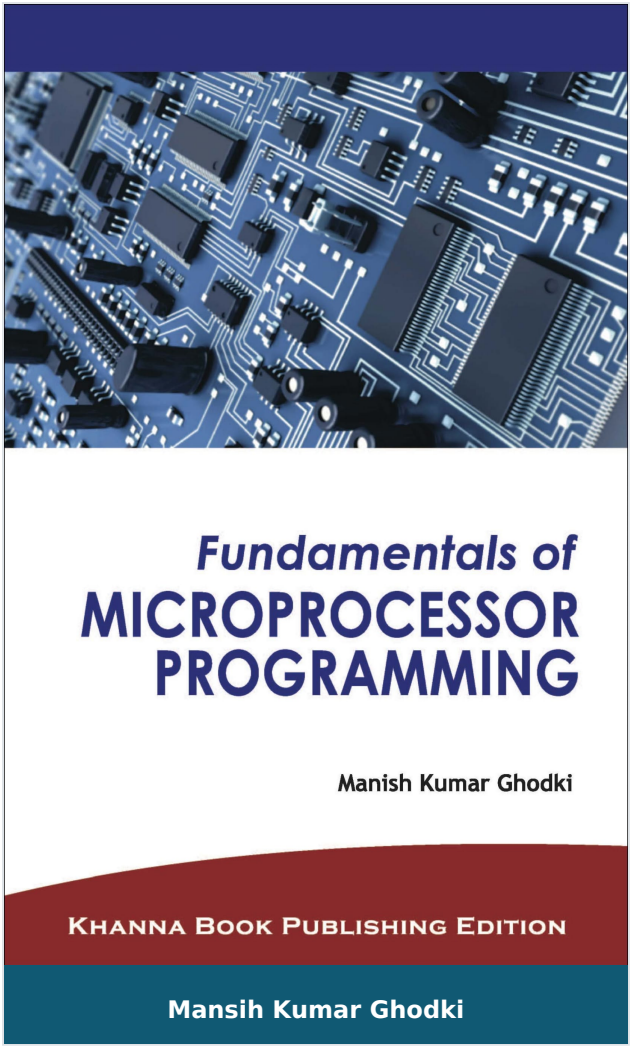

Fundamentals of Microprocessor Programming

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Product Description

Suitable for solving GATE and other competitive exam questions. The book contains 40 different assembly language programs in a separate chapter. The book contains 100 working examples of all types of instruction opcodes of the 8085 microprocessor in a single chapter. It has more than 300 illustrations, exercise questions for easy and better understanding. 'All-in-one' view in column writing format for quick understanding. Suitable for diploma, degree and postgraduate courses. Step-by-step knowledge towards the programming of the microprocessor. The microprocessor 8085 can be used to its full capability if one knows the programming fundamentals given in this book.

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- Microprocessor Instruction Set (Alphabetically)
- Microprocessor Instruction Set (Hex Code Wise)

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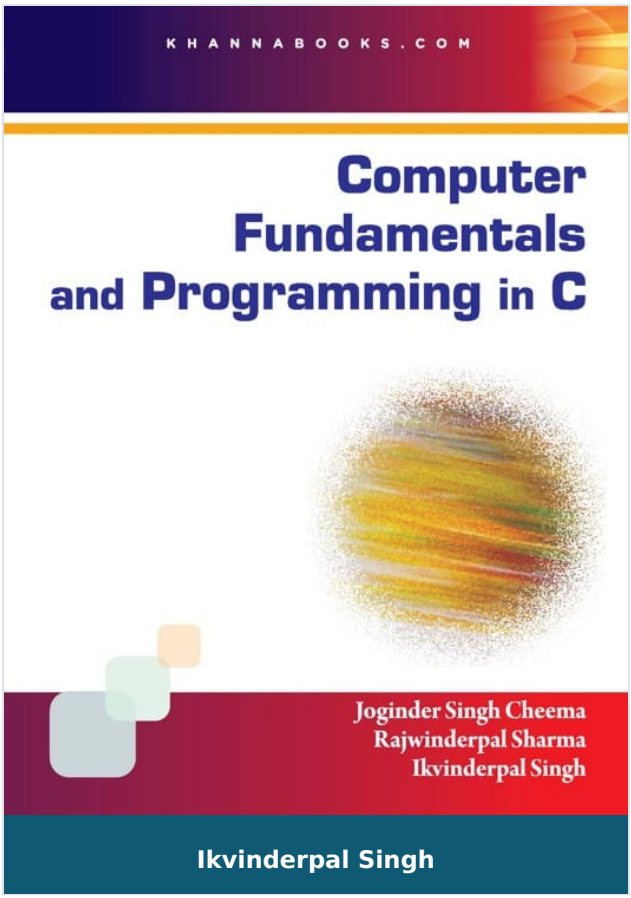

Computer Fundamentals & Programming in C

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Product Description

Explains the introduction to computers, history of computer, computer generations, classification of computers and applications of computer in corporate environment. Presents the basic organization of a computer system and its internal working. Describes the concept of number systems, computer codes and arithmetic, logic gates and Boolean algebra. Introduces the concept of primary and secondary storage. Explains the concept of different input and output devices. Presents the concept of computer software's and programming languages. Deals with commonly used various tools for planning the computer program like algorithm, flowcharts, pseudo code and decision tables. Complete introduction to C Programming including basic structure is given in detail. Extensive coverage of constants, variables, various data types are given in detail. Various types of operators and expressions are described with the help of examples and simple programs. Demonstrates the description of console I/O statements in a lucid manner. Each and every control statement is described with the help of flowcharts and simple programs. Includes numerous illustrative examples to understand the topic easily. Demonstrate every program in a good programming style. Around 200 numerous solved C Programs ans 100 objective type questions are included. Contains numerous theory exercises at the last of each chapter. Gives detailed description of arrays, strings and functions in lucid manner. Covers all concepts of pointers like array and pointer, function and pointer, dynamic memory allocation in detail. Detailed analysis of each and every storage class is covered with the help of programming examples. Detailed description to the concept of structures and unions.

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