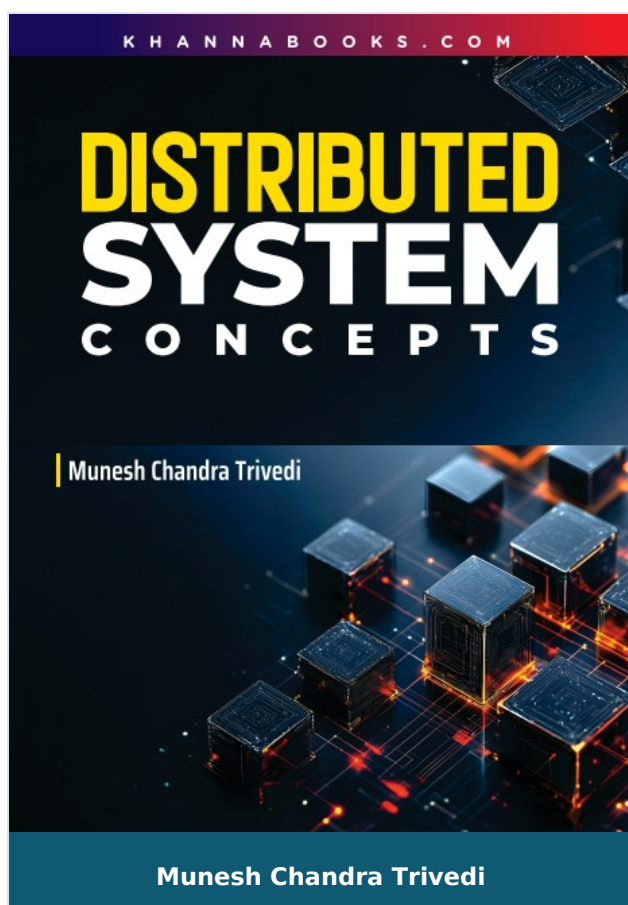




Distributed System Concepts

Author :	Munesh Chandra Trivedi
ISBN 13 :	978-93-80016-41-2
ISBN 10 :	9380016417
E-ISBN 13 :	978-93-80016-41-2
Edition :	1
Pages :	372
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 695.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

There are many books available in the market on the proposed topic but none of them can be termed as comprehensive, Besides, students face problem in understanding the language of the books, seeing these problems, it struck our mind that we should come up with a book in Distributed System Concepts, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and universities.

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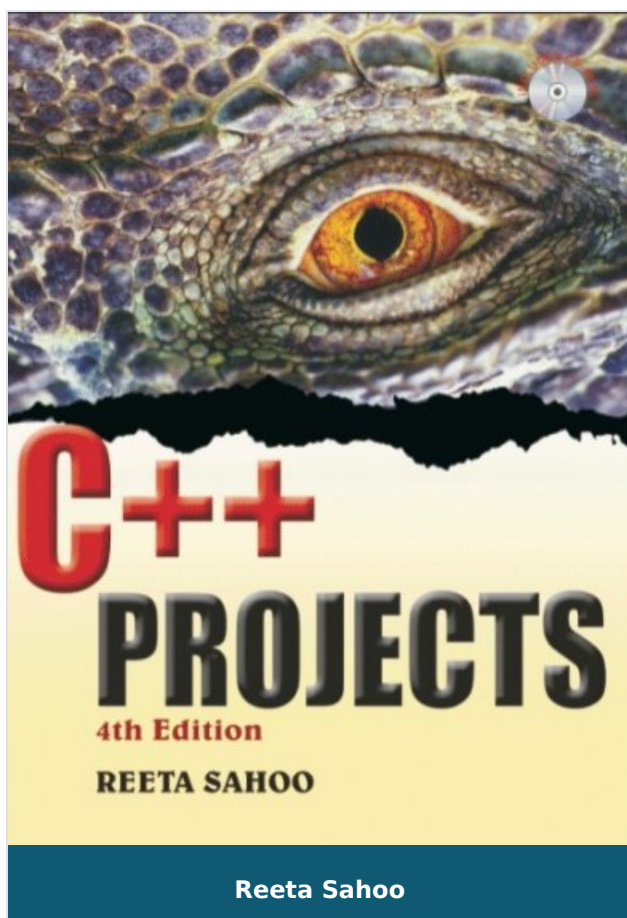
- Process Concept
- Limitation of Distributed System
- Distributed Deadlock Detection
- Distributed File System
- Distributed Object and Remote Invocation
- Security
- Transaction and Concurrency Control
- Distributed Transactions
- Replication
- Communication Protocol
- Corba and Rmi
- Appendix

Author

Munesh Chandra Trivedi

Dr. Munesh Chandra Trivedi has more than 20 years of experience in the field of computer science & Engineering and has worked in Prestigious Institutions. He has more than 10 years' experience in various administrative responsibilities e.g., Dean (academics), Head of Department, TEQIP-111 Coordinator, PG coordinator, EDC cell Coordinator. Currently working Tripura, India, and Associate Professor and HoD (IT), Rajkiya Engineering College, Azamgarh, up (state Govt Institution of UP) with the additional responsibility of Dean Academics of the institute & Associate Dean UG Programs, Dr. APJ Abdul Kalam Technical University, Lucknow (State Technical University). He was also the Director (In-charge) at Rajkiya Engineering College,

Azamgarh. He had successfully filed 81 patents (65 National and 16 International Patents (Germany, South Africa, and Australia)), out of which 40 patents were granted. He has published 12 textbooks and 168 research papers in different International Journals and proceedings of repute. He has also edited 38 books for springer Nature. He successfully supervised 14 PhD students and received numerous awards, including the Young scientist Visiting Fellowship, Albert Einstein Research scientist Award, Best senior Faculty Award, Outstanding Scientist, Dronacharya Award, Author of the Year, and vigyan Ratan award from different national, as well as international forums. He has organized more than 32 international conferences technically sponsored by IEEE, ACM, AND Springer. Dr.



C++ Projects

Author :	Reeta Sahoo
ISBN 13 :	978-81-90645-18-8
ISBN 10 :	8190645188
E-ISBN 13 :	978-81-90645-18-8
Edition :	4
Pages :	628
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 380.00
Categories :	Computer Science Engineering, Project Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

There are 14 different project are given in the CD. All project are graded in different manner including different C++ functions and graphic commands. Those who have basic understanding about C++ can make easy use of this project book. While for graphics, you have to execute the program file from your graphics driver file (i.e., c:\TC or C\TURBO or and C++ installation directory). This will-organized and comprehensive project book offers a variety of C++ coding for high-end programmers, beginners and developers.

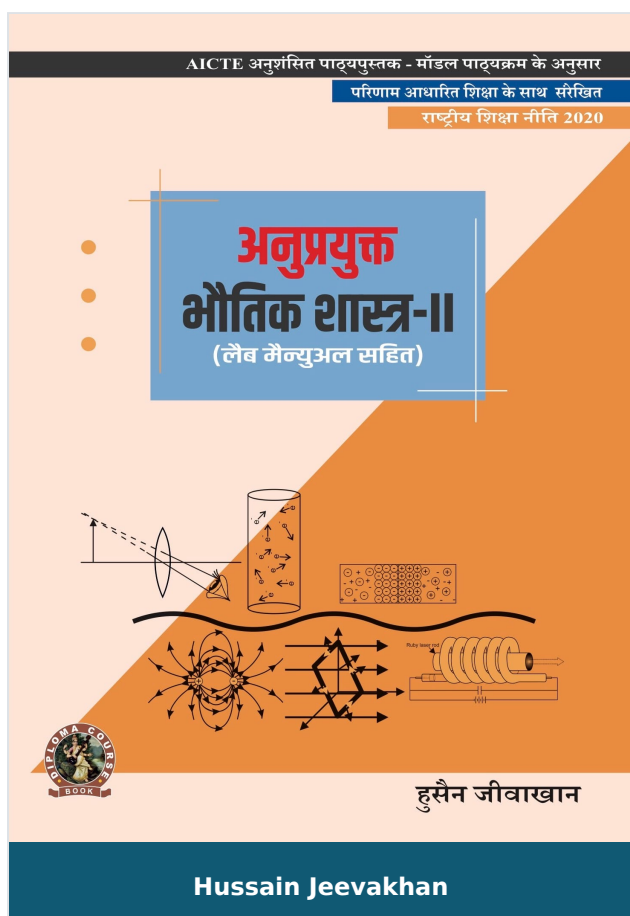
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- Computerized Billing System
- Video Library Managements System
- Banking Transaction System
- Library Management System
- Hotel Management System
- Payroll Management System
- Screen Saver
- Clock-cum-Calendar
- Charts and Graphs
- Paint Brush
- DOS Utility
- Ludo-cum-Snakes and Ladder
- Bricks Game
- Chess Master.

Author

Reeta Sahoo

Reeta Sahoo is an author of various books including, C++, VB, Java. Since last 10 years, she has lots of experience in different computer project works. She has written number of schoolbooks including C++, Visual Basic, Java, etc. This book helps lots to the beginner's who want to developo programming skill in C++ language.



Applied Physics-II (with Lab Manual)

Author :	Hussain Jeevakhan
ISBN 13 :	978-93-55381-92-7
ISBN 10 :	9355381921
E-ISBN 13 :	978-93-55381-92-7
Edition :	First
Pages :	248
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Hindi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“Applied Physics-II” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE).

Book covers seven topics- Wave motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning.

Some salient features of the book:

1. Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes.
2. Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit.
3. Content presented in book in chronological way.
4. Figures, tables and equations are given to improve clarity of the topics.
5. Solved examples are given with systematic steps.
6. MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

Table Of Contents

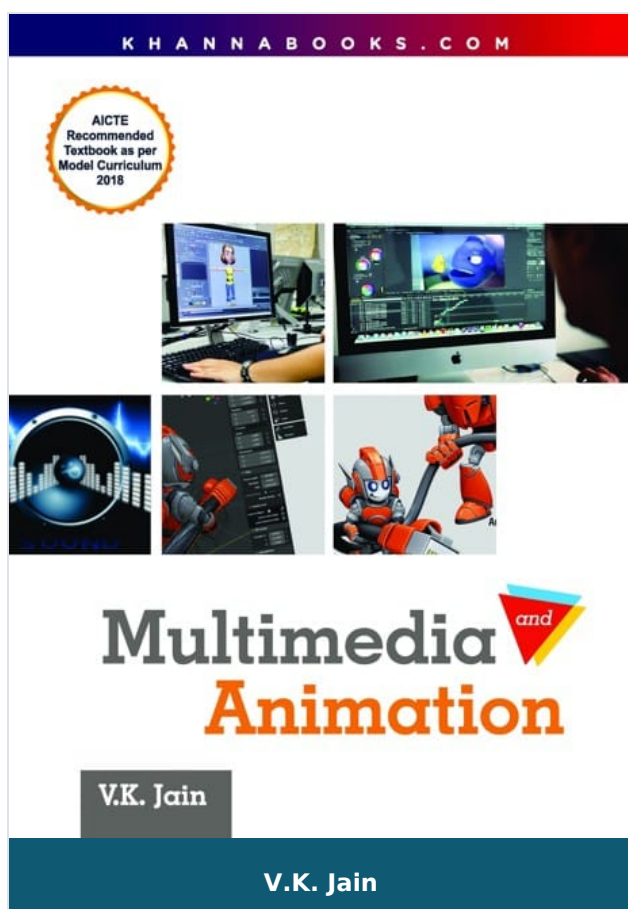
- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and Symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Wave Motion and its applications
- Optics
- Electrostatics
- Current Electricity
- Electromagnetism
- Semiconductor physics
- Modern physics
- Index

Author

Hussain Jeevakhan

Hussain Jeevakhan-789391505578(DIP126EN) “Applied Physics-II” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE). Book covers seven topics- Wave

motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student's learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student's learning. Some salient features of the book: | Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes. | Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit. | Content presented in book in chronological way. | Figures, tables and equations are given to improve clarity of the topics. | Solved examples are given with systematic steps. | MCQ's, short and long answer questions and unsolved problems of understanding and above levels (Bloom's Taxonomy) are given for learning reinforcement of students and as per OBE.



Multimedia and Animation

Author :	V.K. Jain
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ISBN 10 :	9386173123
E-ISBN 13 :	978-93-86173-12-6
Edition :	First
Pages :	452
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 575.00
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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 overall goal of the book is to provide a broad understanding of multimedia systems and applications in an integrated manner. A user enjoys multimedia application only if all the pieces of the end-to-end solution fit together. This means that a multimedia application and its user interface must be developed in an integrated fashion with underlying multimedia middleware, operating systems, networks, security, and multimedia device. The book explains the fundamental concepts of storage, compression and decompression, and display technologies used for multimedia systems.

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- Chapter-1: Introduction to Multimedia and Animation
- Chapter-2: Multimedia Hardware and Software Tools
- Chapter-3: Multimedia Colour and Design
- Chapter-4: Multimedia Text and Hypertext
- Chapter-5: Multimedia Images and Graphics
- Chapter-6: Audio Fundamentals and Representations
- Chapter-7: Video Processing
- Chapter-8: Animation
- Chapter-9: Multimedia Authoring Tools
- Chapter-10: Internet, Web and Social Media
- Chapter-11: Wireless Multimedia
- Chapter-12: Multimedia projects: Multimedia Skills

Author

V.K. Jain

Dr. V.K. Jain is a well known practical engineer who has authored more than 125 books on engineering, management and subjects related with computer science. He obtained degree in Electrical Engineering in 1966 from MACT (Maulana Azad College of Technology) Bhopal. He did M. Tech. in 1968 from MACT and HEL (Now Bharat Heavy Electricals) Bhopal in Design and Production of Heavy Electrical Equipments, an Industry Oriented course run under the sponsorship of UNESCO under Vikram University Ujjain in 1968. He was attached to Electronics Application Engineering Department of BHEL. He presented a thesis on ""Analysis of the performance of speed and excitation regulation System using fast acting integrator type AVR for a large Hydro-generator (15 MW). This

was concerned with studying power system from the viewpoint of electronic control systems (based on Nyquist Criteria) through Analog and Digital Computer at one of the premier Institution of India IIT (Indian Institue of Technology) Kanpur. He personally prepared digital computer program in FORTRAN IV as early as in year 1968 at IIT Kanpur and compiled it on IBM 7044 Main Frame Computer, The fastest Computer in India at that time. He joined CPWD as Electrical Engineer on 20.5.1968 on basis of All India Competitive Examination for Central Electrical Engineering Services (Now known as IES) through Union Public Service Commission of India and served CPWD for 35 years. After retirement he worked with M/s CP Kukreja as consultat engineer for nearly one and half years and at present working as Chief Consultant Engineer with M/s Hospitech Management Consultant Pvt. Limited WTC New Delhi and engaged in designing most modern E/M, Electronic services and IBMS in premier Medical colleges and Big Hospital systems including AIIMS at Raipur and Patna.



Internet & JAVA PROGRAMMING

Author :	Tanweer Alam
ISBN 13 :	978-93-80016-72-6
ISBN 10 :	9380016727
E-ISBN 13 :	978-93-80016-72-6
Edition :	1
Pages :	692
Type of book :	Physical
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 795.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book will be of great help to programmers who are already familiar with programming in C, C++ or VB. They can upgrade their skills through this book and achieve great height in the world of computer programming. Java definitely has a future in research and teaching, as well as system development. The objects of this book is to promote that future by spreading the use of the language as widely as possible. This book is divided into a number of chapters. each chapter is a self contained area. The chapters in this book are around 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 for the subject " Internet and Java Programming" in various course viz. MCA/B. Tech/BCA/M. Sc./B. Sc. etc. The objective of this book is the serve as a textbook for the subject "Internet and Java programming" in various courses vz. MCA, B. Tech., M.Sc., BCA and B. Sc. programmers can upgrade their skills through this book and achieve great height in the world of computer programming. The programs presented in this book are just to understand the application. Includes coverage of Servlets, JSP, RMI, Java Beans, EJB, Applets, AWT, JDBC and Swings etc. The book is self contained. The chapters is this book are arranged in a sequence order. Hundred of fully tested programs with output. Sort questions with answers are just to understand the topics. Moving from C++ to Java differentiates the features of both C++ and Java. Readers can understand the gap between Java and C++. Include Mini projects like calculator, Hotel Management System and Pay Roll Mgt. System.

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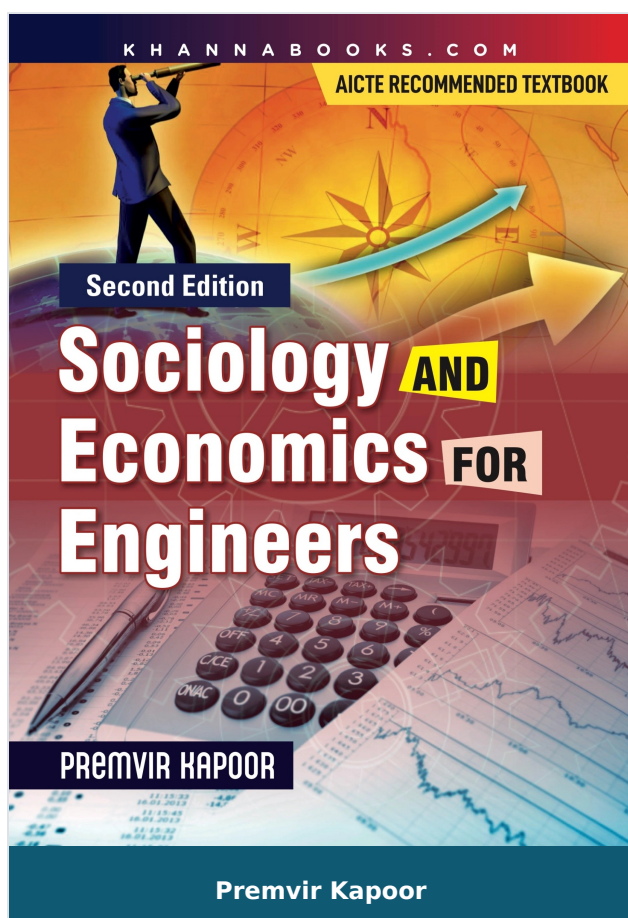
- Internet
- Java: Getting Start
- Java Language Basics
- Control Flow
- Arrays
- Object Orientation: An Introduction
- Introducing Classes
- Inheritance
- Packages
- String Handling
- Exception Handling in Java
- Applet Programming
- File Handling
- Multithreading
- Multimedia in Applet
- Socket Programming
- Abstract Window Toolkit
- Event Handling
- Graphics Programming
- Swing Programming
- JDBC
- Java Beans
- Remote Method Invocation

- Java Servlet
- Java Server Pages
- Moving from C++ to Java
- Application of Java
- Mini Projects
- Appendix A: Short Questions with Answers
- Appendix B: HTML

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.



Sociology and Economics for Engineers

Author :	Premvir Kapoor
ISBN 13 :	978-93-55389-53-4
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Edition :	Second
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	New Arrivals, APPLIED SCIENCES & HUMANITIES, Book Store, APPLIED SCIENCES & HUMANITIES
Condition Type :	New
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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 will help the students to understand variety of economics and sociological issues the concepts. It shall provide to them an insight and knowledge to understand the impact of developments in business an society. The book will meet the requirements of the engineers to evaluate the comparison of alternatives that involve spending money and their likely outcomes.

Table Of Contents

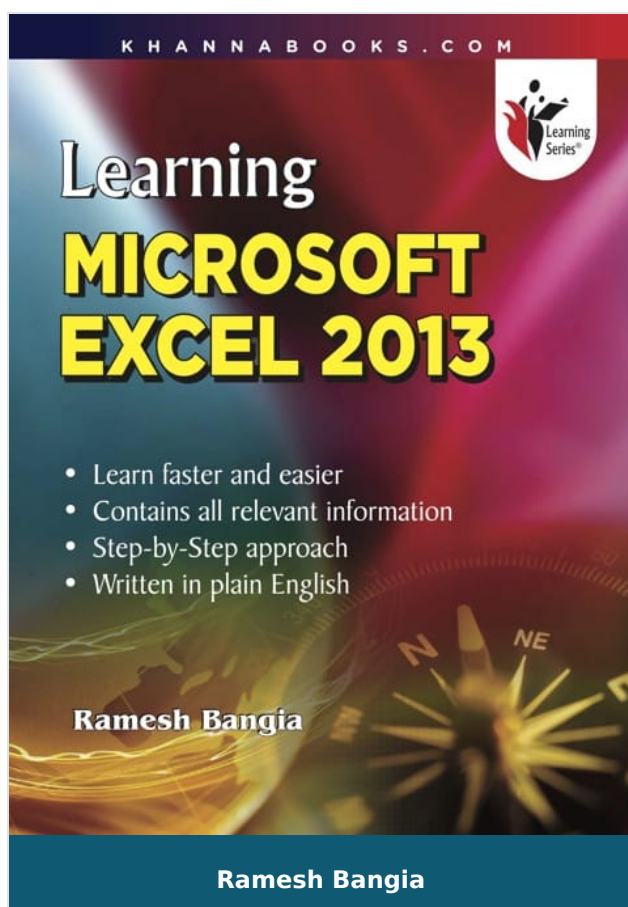
- Sociology
- Society
- Engineering Economics
- Demand Analysis
- Supply Analysis
- Equilibrium Analysis
- Theory of Production
- Project Evaluation
- International Trade
- Money and Banking
- Financial Accounting
- Book Keeping And Accounting
- Final Accounts
- Depreciation
- Cost Concepts
- Break Even Analysis
- Important Terms
- Questions for Review

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.



Learning Microsoft Excel 2013

Author :	Ramesh Bangia
ISBN 13 :	978-93-82609-36-0
ISBN 10 :	9382609369
E-ISBN 13 :	978-93-82609-36-0
Edition :	1
Pages :	228
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

The book is designed in a very systematic, logical manner and illustrated with suitable examples and screen shots. A large number of unsolved as well as solved exercises have also been included. Diagrams, functions have been explained in full and some of them are explained in the form of examples.

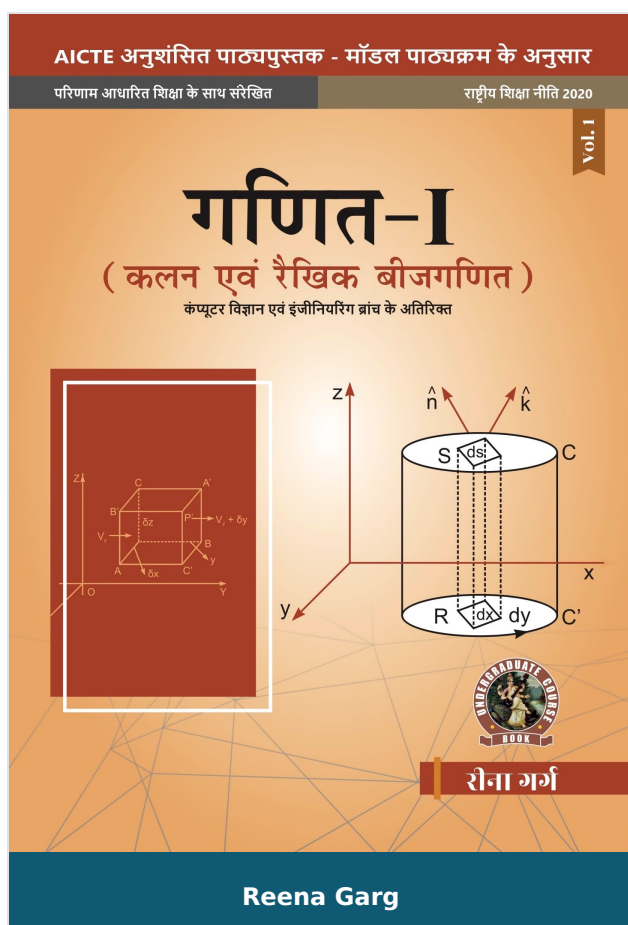
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- Introduction to Microsoft Office 2013,
- What's New in Microsoft Excel 2013,
- Spreadsheet Basics,
- Creating a Worksheet in Microsoft Excel 2013,
- Commands of Microsoft Excel 2013,
- Charts in Microsoft Excel 2013,
- Functions in Microsoft Excel 2013,
- Web based Commands of Microsoft Excel 2013,
- Advanced Microsoft Excel 2013,
- Glossary of Words used in Microsoft Excel 2013,
- Keyboard Shortcuts of Microsoft Excel 2013, 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 Non Computer Science Engineering Branches

Author :	Reena Garg
ISBN 13 :	978-93-55381-57-6
ISBN 10 :	9355381573
E-ISBN 13 :	978-93-55381-57-6
Edition :	First
Pages :	632
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, Multivariable Calculus and Linear Algebra covers all the Modules prescribed by AICTE. Model curriculum to all the 1st year students (except CSE) studying in engineering institutions and universities of the country. It serves as both text book and / or useful reference work. It contains 5 units which include calculus, matrices, sequences & series and multivariable calculus along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that helps in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE, this book is in student 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 success the reader understands 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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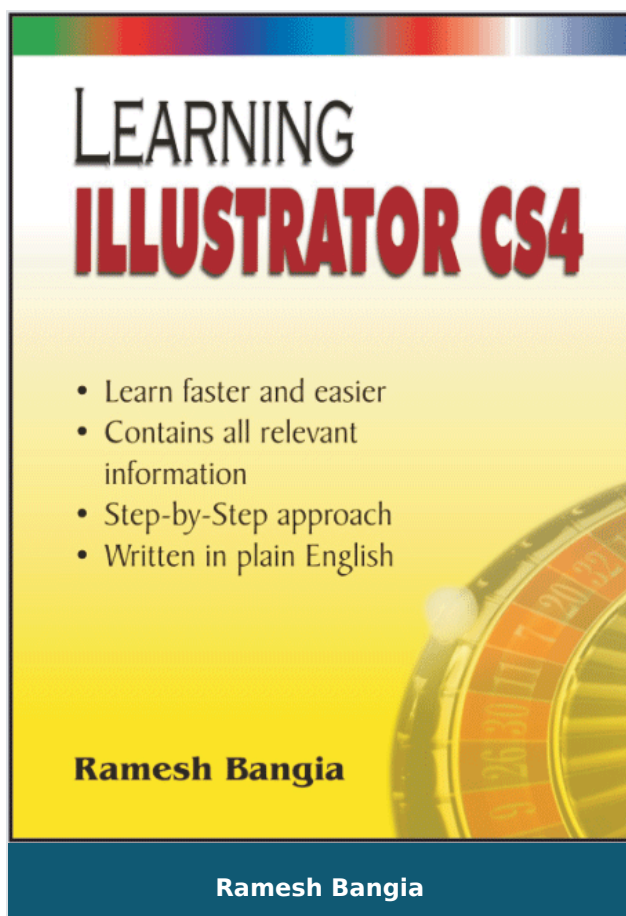
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teachers
- Guidelines for Students
- Calculus-I
- Calculus-II
- Sequences
- and Series
- Multivariable
- Calculus –I
- Matrices
- Index
- and Po Attainment 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.



Learning Illustrator CS4

Author :	Ramesh Bangia
ISBN 13 :	978-93-80016-47-4
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E-ISBN 13 :	978-93-80016-47-4
Edition :	1
Pages :	180
Type of book :	Physical
Year :	2010
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

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. Illustrator CS4 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.

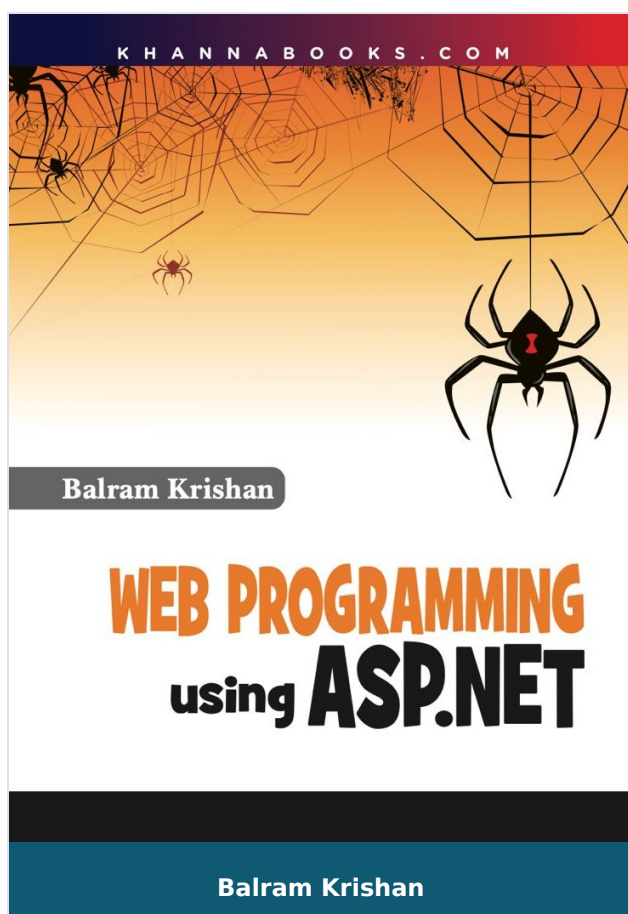
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- Getting to know Illustrator CS 4
- Tools of Illustrator CS 4
- Handling text in Illustrator CS 4
- More Commands of Illustrator CS 4
- Keyword Shortcuts of Illustrator CS 4
- Questions

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 East and African countries.



Web Programming Using ASP.NET

Author :	Balram Krishan
ISBN 13 :	978-93-81068-95-3
ISBN 10 :	938106895X
E-ISBN 13 :	978-93-81068-95-3
Edition :	First
Pages :	492
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 695.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Web Programming Using ASP.NET

This book is aimed to cater the needs of the Students who wish to create both Static and Dynamic Web Application using ASP.NET and to provide the students' community a book which explains and implements the complex concepts in a simple manner. Knowledge of any previous language like ASP is not a requirement to study this book. In this book, the complete Source Code with Output Screens of the ASP.NET Controls Demo is available, so that students can understand the practical aspect of the subject.

Salient Features:

- Simple and easy to understand language.
- Comprehensive Technical Coverage of concepts.
- Introduction to advanced additional topics (which are not in the syllabus).
- Sample Papers from University Exams.
- Objective Type Questions with answers key.
- ASP.NET Demo Programs with complete code demonstrating the various concepts and controls of ASP.NET with C#.NET and VB.NET code.
- Examples code in both C#.NET and VB.NET.
- Online support for the students to solve the students' query regarding ASP.NET.

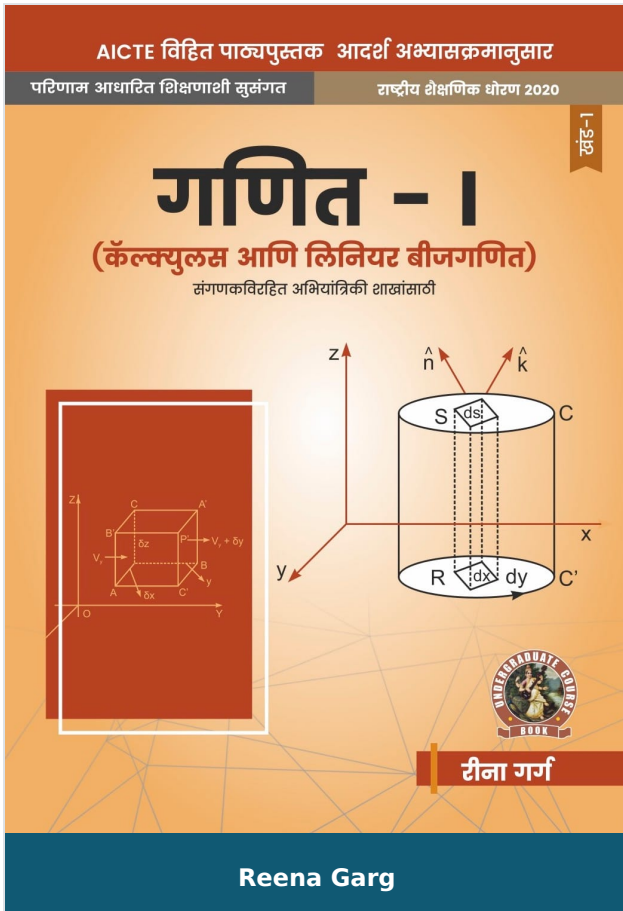
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- .NET Framework
- Microsoft ASP.NET
- ASP.NET Application User Interface
- State Management
- XML Web Services
- Creating User Interface
- Implementing Navigation for User Interface
- Storing and Retrieving Data with ADO.NET
- Security in ASP.NET
- Configuring, Tracing and Debugging Web Application
- Using Caching Page
- Directives in ASP.NET
- ASP.NET Controls Demo

Author

Balram Krishan

Balram Krishan MCA, M. Phil, is working as Assistant Professor, in Computer Science Department at Desh Bhagat Institute of Management and Computer Sciences, Mandi Gobindgarh, (Punjab). He has a total experience of 8 years in teaching. He has published more than 10 papers in International and National Journals. He is pursuing Ph. D. in Computer Science. His area of interest includes .NET and Cloud Computing.



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

Author :	Reena Garg
ISBN 13 :	978-93-55380-37-1
ISBN 10 :	9355380372
E-ISBN 13 :	978-93-55380-37-1
Edition :	First
Pages :	696
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

Calculus, Multivariable Calculus and Linear Algebra covers all the Modules prescribed by AICTE. Model curriculum to all the 1st year students (except CSE) studying in engineering institutions and universities of the country. It serves as both text book and / or useful reference work. It contains 5 units which include calculus, matrices, sequences & series and multivariable calculus along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that helps in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE, this book is in student friendly style, author has n 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 success the reader understands 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.
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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

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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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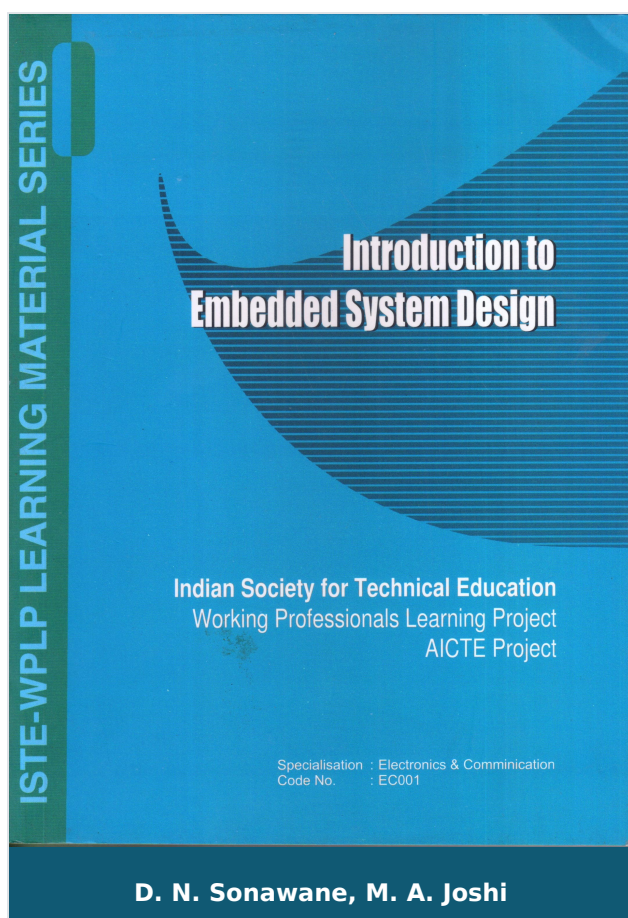
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Product Description

This course material is a result of the dedication and encouragement of many individuals. Our sincere and heartfelt appreciation goes to all of them.

We are deeply indebted to Dr. B. S. Sonde, Ex.Vice Chancellor Goa University, who initially motivated and guided us for this work.

We also take this opportunity to thank our colleagues and students for their helpful suggestions during the course of this project.

The Teaching materials covers 14 chapters, 11 for Embedded systems part and 3 for Digital Signal Processing. Every slide gives points for teaching the contents accompanied by foot notes.

Embedded systems is a state of art subject having a number of Industrial applications. Starting form the basics of microcontrollers to real time operation and interfaces are the important topics covered. Digital signal processing is a subject, which deals with processing of signals. DSP processors can perform special signal processing functions in a fast and efficient manner.

It is essential to study the architecture of these processors and some basics of Signal processing.

We are sure that this material will definitely be useful as a teaching material for the teachers and new engineers in this field.

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