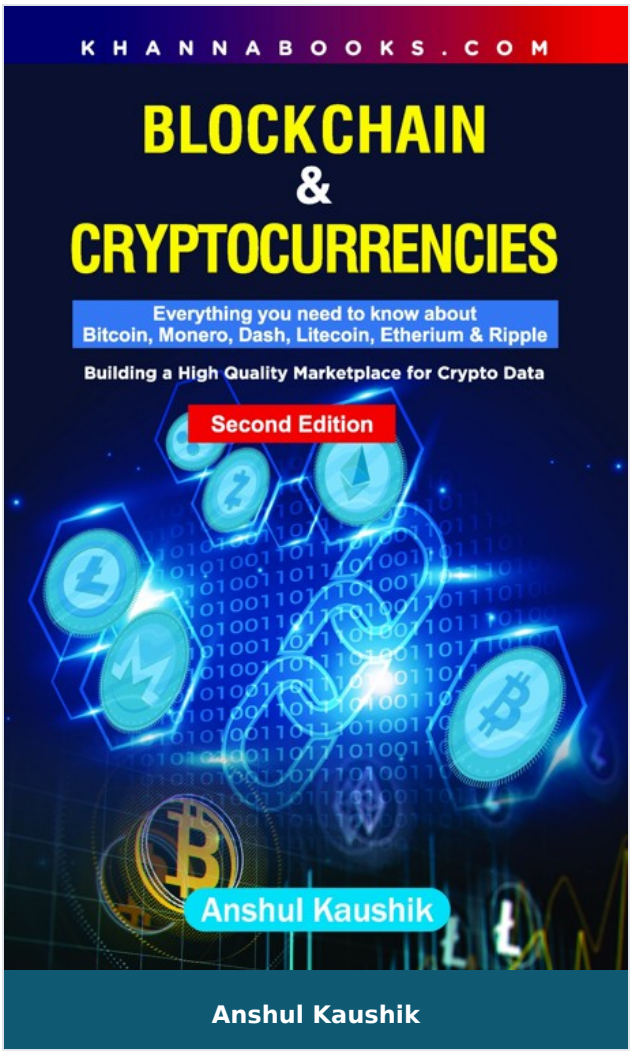

Anshul Kaushik

Block Chain & Crypto Currencies

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Product Description

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

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

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- DASH
- Lite Coin (LTC)
- Etherium, Ripple & Monero
- PART FIVE: Laws, Legislations & Other Uses
- Legal Aspects & Tax Laws
- Other Uses of Crypto Currency and Block Chain Technology
- PART SIX: How To's Practical Application
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- Creating a Lite Coin Wallet - Electrum
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- APPENDIX-IV: Glossary

Author

Anshul Kaushik

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

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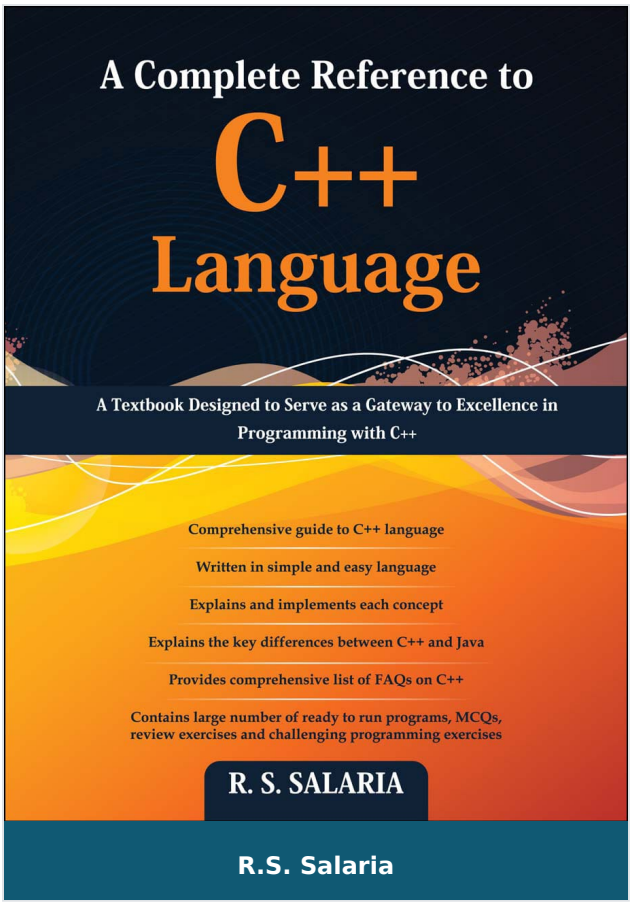

A Complete Reference to C++ Language

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Product Description

The C++ programming language is one of the popular programming languages that support object-oriented programming in addition to procedural programming. All major IT companies are using C++ language as their preferred language in implementing substantial number of projects. To fulfill the requirement of these companies, all universities/institutions offering various courses on Computer Science and Information Technology at UG as well as PG level have included C++ language in their curriculum.

This book is designed as a textbook for the students taking these courses. Throughout the book, the level of presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically this book will provide you every thing you need on C++ language.

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- Inheritance
- Virtual Functions and Polymorphism
- Exception Handling
- Templates and Generic Programming
- File Handling
- Left Over
- Introduction to Standard Template Library

Author

R.S. Salaria

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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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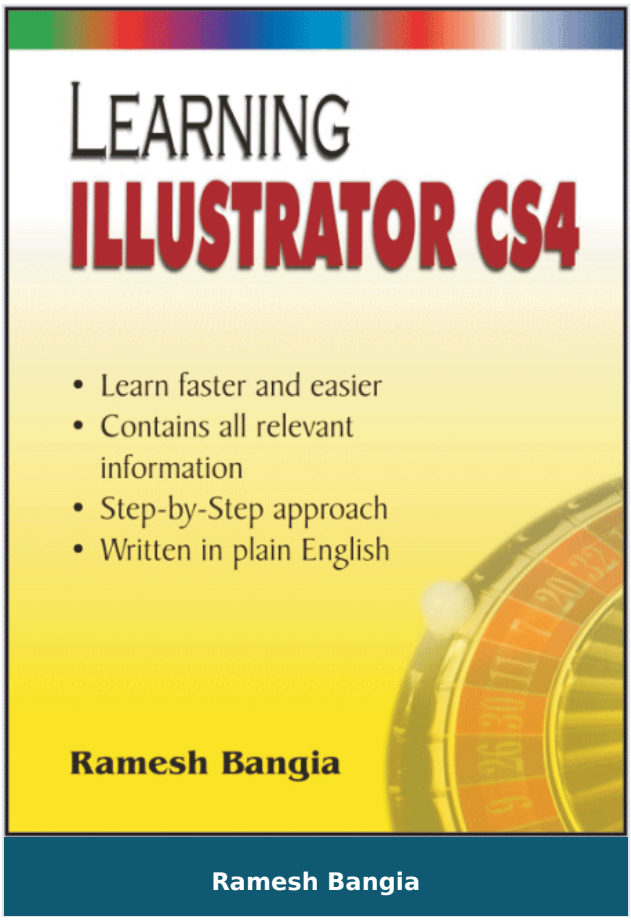

Ramesh Bangia

Learning Illustrator CS4

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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. 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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- 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 Ease and African countries.

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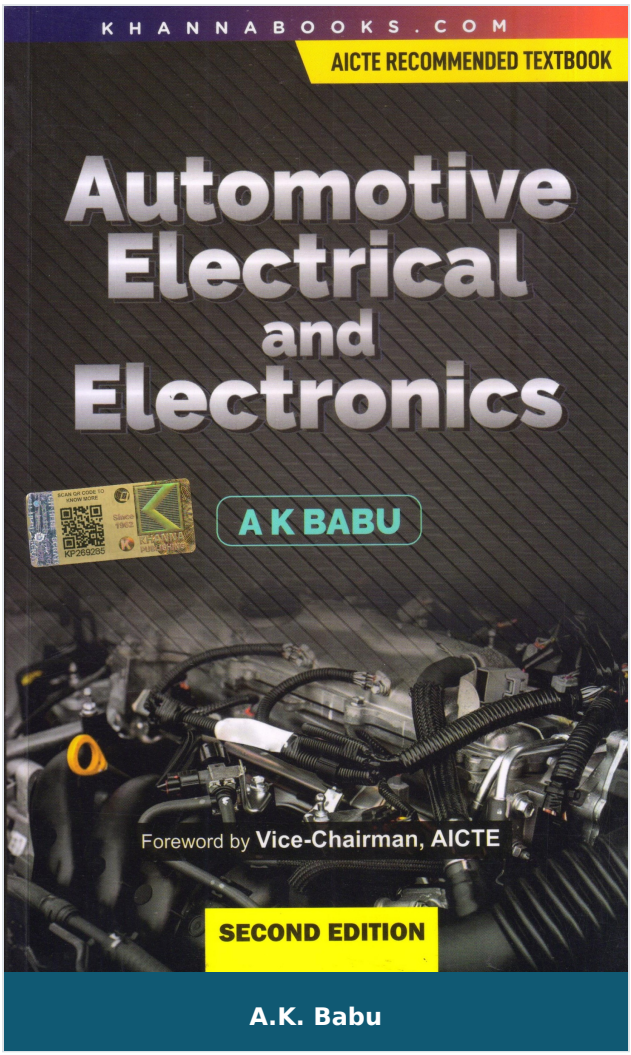

Automotive Electrical and Electronics

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Product Description

Automobile engineering is a field that has been witnessing tremendous technological developments in recent years, noteworthy among them being next generation hybrid cars and self-driving cars. This book is designed for students who take up the study of the subject 'Automotive Electrical and Electronics' as part of the curriculum requirements of the Automobile Engineering Degree as per the latest revised syllabus of all Indian Universities. The book offers a clear introduction to the Electrical and Electronics Components and Systems used in modern today's vehicles with the aid of several illustrations to facilitate easy comprehension and full understanding. It is anticipated that this comprehensive book will be a valuable source of information and reference to not only undergraduate and postgraduate students but also to the teaching fraternity. Key topics are given due emphasis and important concepts are reinforced with the help of numerous illustration enabling better understanding. It is sincerely hoped that this resource and reference book, written with the intention to provide a sound grounding, will ignite young minds and spark the desire for learning.

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Author

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A.K. Babu A.K.Babu is working as Associate Professor in the Department of Automobile Engineering, SRM Easwari Engineering College, Chennai, India. He has over 18 years of experience in teaching, research and industry. A.K.Babu, completed his Master Degree in Automobile Engineering from Madras Institute of Technology (M.I.T.), Anna University (1997). He has served in other countries like Malaysia, Ethiopia and Eritrea for more than 5 years. A.K.Babu has published considerable number of research papers in international journals and conferences. His research paper published in SAE Journal of Fuels and Lubricants awarded one the most outstanding papers in the year 2003.

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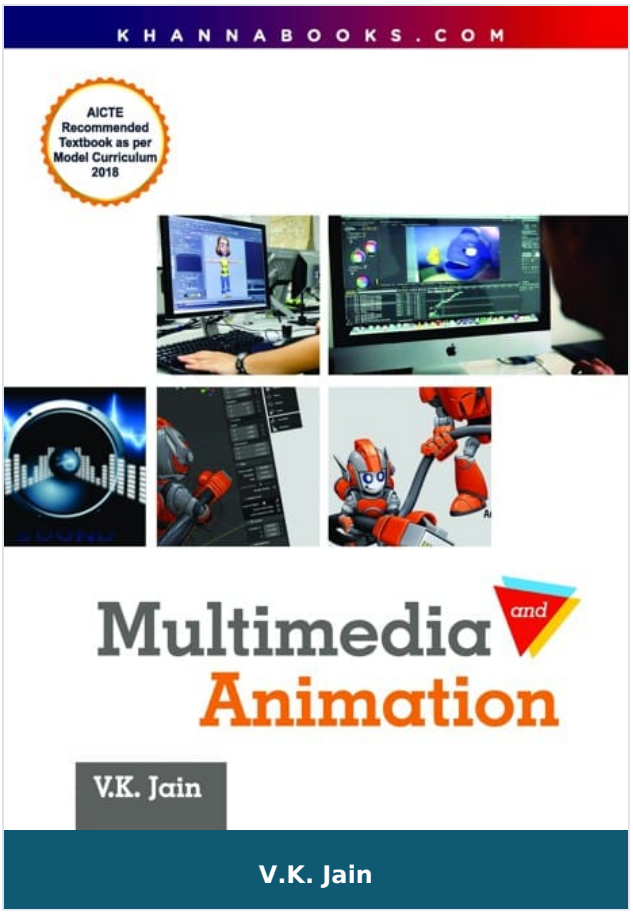

Multimedia and Animation

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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-2: Multimedia Hardware and Software Tools
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- 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

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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 Institutue 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.

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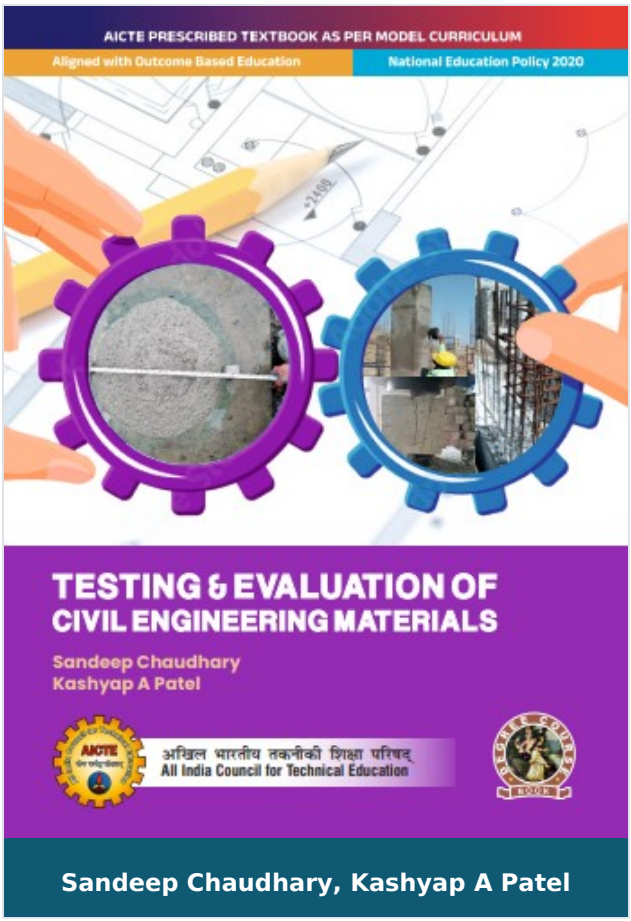

Testing & Evaluation of Civil Engineering Materials

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Product Description

Testing & Evaluation of Civil Engineering Materials

This book contains an introduction to civil engineering materials and an advanced discussion on their testing and evaluation procedure for fourth semester students of undergraduate degree course. Main purpose of the book is to help the students identify suitable civil engineering materials as per their needs, through a systematic testing and evaluation procedure. The book is designed as per syllabus and model curriculum of AICTE and aligned with the theme of outcome-based education according to National Education Policy 2020.

Salient Features:

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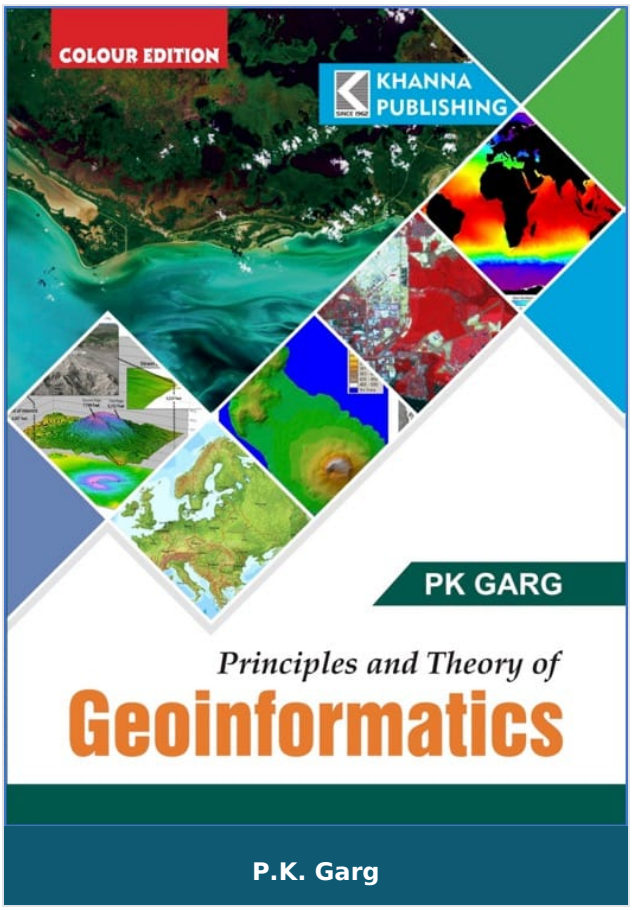

Principles and Theory of Geoinformatics

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Product Description

Geoinformatics combines photogrammetry and remote sensing, image processing as well as other digital spatial data collection methods like GPS, field measurements, digitizing and scanning of maps, spatial data analysis algorithms and geographical data management, and visualization. It is one of the important tools that can help us to map and monitor the changes in the environment and on Earth, Geoinformatics, being multi-disciplinary in nature, is a fast growing area to solve real world problems by bringing together technologies and tools required for acquisition, exploration, visualization, analysis and integration of various spatial data.

The main key feature of this book is that it concisely covers all the major topics of geoinformatics; Photogrammetry, Remote Sensing, GPS and GIS, so that UG & PG students and researchers can understand the theory of land data collection & mapping, and subsequently the analysis from these maps. The structure and character of spatial and non-spatial datasets are also described.

The book covers basic geoinformatics tools and techniques which encompass a wide range of equipment, images and software, such as laser based devices, LiDAR, UAV/Drone, Aerial and terrestrial photographs, optical, Thermal, microwave and hyperspectral images, GPS, and GIS. The utility and application areas of these data collection techniques are presented in a simple language. This book will be extremely useful to students to understand the principles and theory of Geoinformatics that are crucial for several applications on the Earth surface.

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- REMOTE SENSING
- GLOBAL POSITIONING SYSTEMS
- GEOGRAPHIC INFORMATION SYSTEMS

Author

P.K. Garg

P.K. GARG Professor, Civil Engineering Department Indian Institute of Technology Roorkee, Roorkee & Former, Vice Chancellor Uttarakhand Technical University, Dehardun

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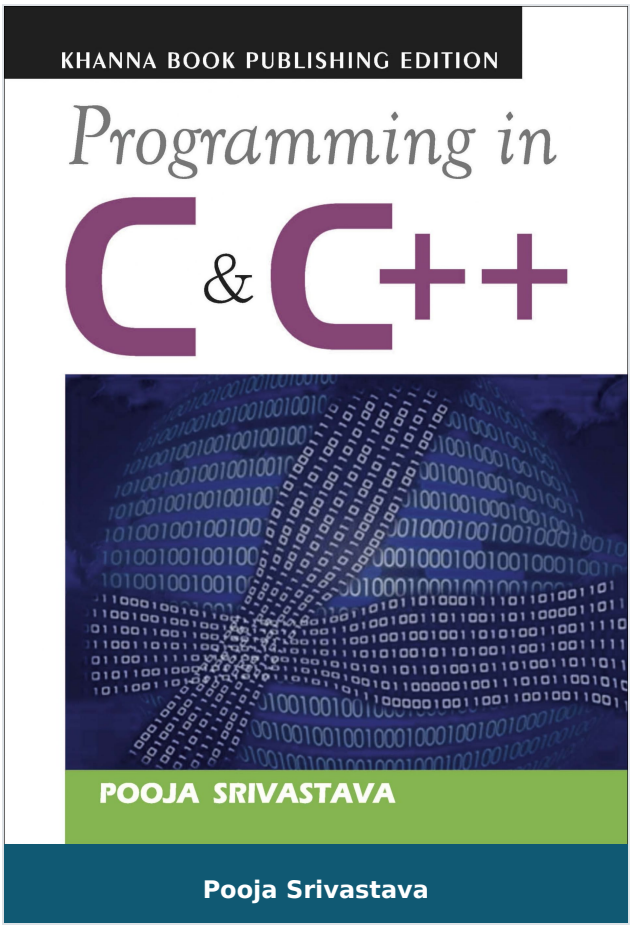

Programming in C & C++

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Product Description

This book 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. The text uses sample programs, case studies, programming problems and many more pedagogical aids to enable better understanding of these languages. 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.

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- Function
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- Arrays & Strings
- Operator Overloading
- Ploymorphism
- Inheritance
- Pointers
- File Handling

Author

Pooja Srivastava

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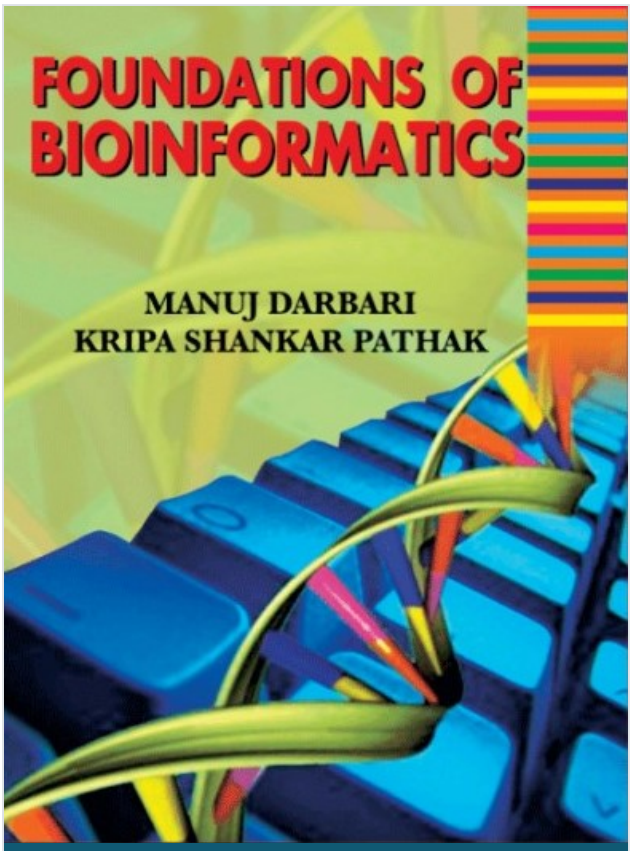

Manuj Darbari

Foundations of Bioinformatics

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It gives me immense pleasure to introduce this book for engineering students. It covers the basic concepts of Bioinformatics which are beneficial to undergraduate as well as to post graduate students of pharmacy. In the first phase this book introduces about basics of biology and in second phase it deals with use of computers to store and code the biological terms in a proper predefined manner. This book also provides a better support to professionals dealing in the field of bioinformatics. There are various paper sets along with the previous years paper.

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- Bioinformatics
- The Diversity of Life Forms
- Proteins
- Nucleotide
- Data Searches and their Alignment Method
- B.Tech Papers and Sample Question Papers

Author

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Manuj Darbari received his ME in Electronics and Communication from MNNIT, Allahabad. He has done MBA from Lucknow University, and is undergoing PhD in Information Science and Technology from BIT, Mesra Ranchi. He has vast knowledge in the field of Electronics and latest issues in Information Technology, he has done CDAC Diploma in Advance Computing offered by CDAC Pune. He is presently working as Asst. Professor in Information Technolgy Department, BBDNITM, Lucknow. He is a member of IEEE (USA), IETE, CSI and ACM (USA). He is also recognized as a charted Engineer (India) by Institution of Engineering. "

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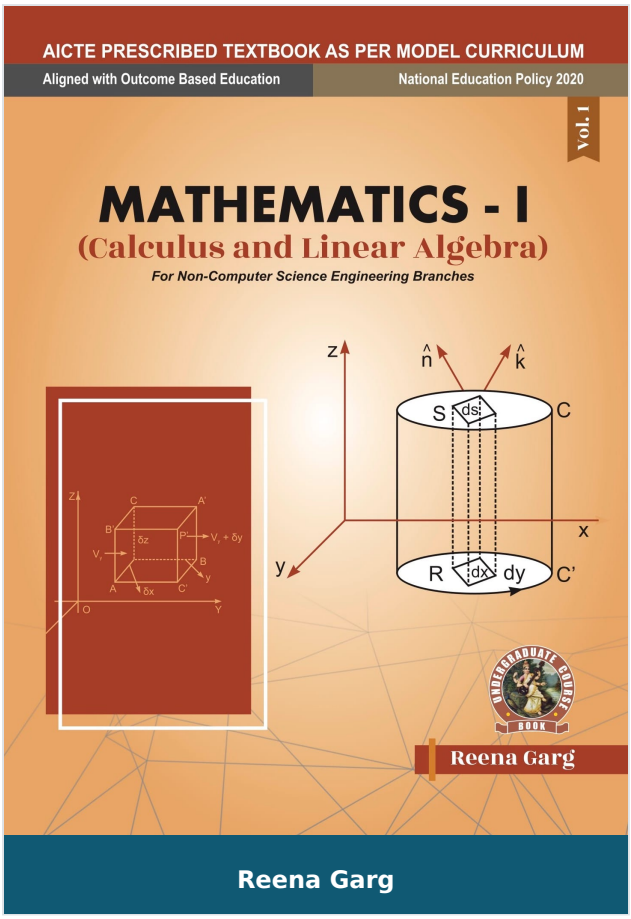

Mathematics-I (Calculus and Linear Algebra) For Non Computer Science Engineering Branches

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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 InternationalJournals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.

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