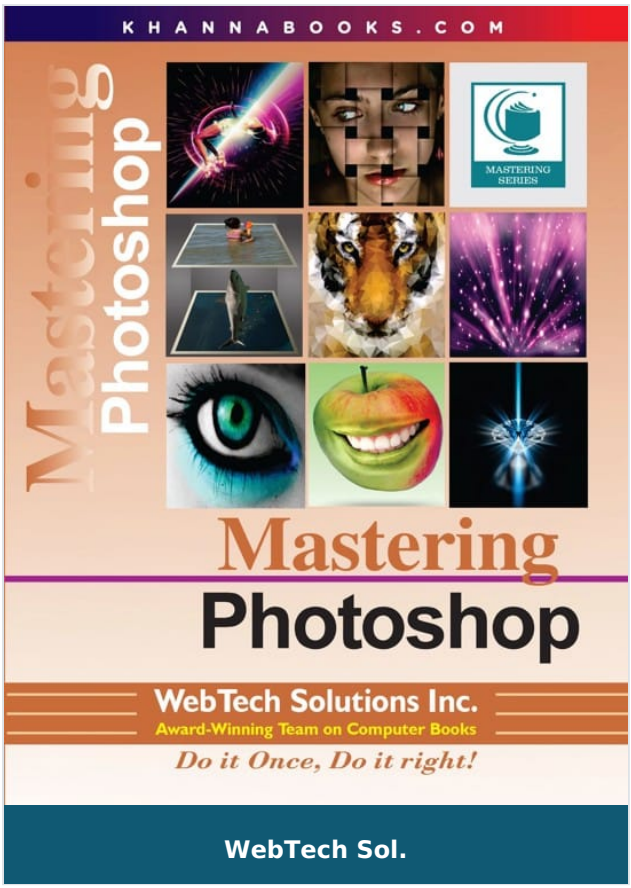


Mastering Photoshop

Author :	WebTech Sol.
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Product Description

BY way of this book, mastering Photoshop has become faster and easier as all the relevant information and step-by step approach has been followed in simple plain English. It is designed very systemically and logically. The basic concepts have been taught in depth with lots of examples and screen shots. A large number of unsolved as well as solved exercises have been included for the benefit of the readers.

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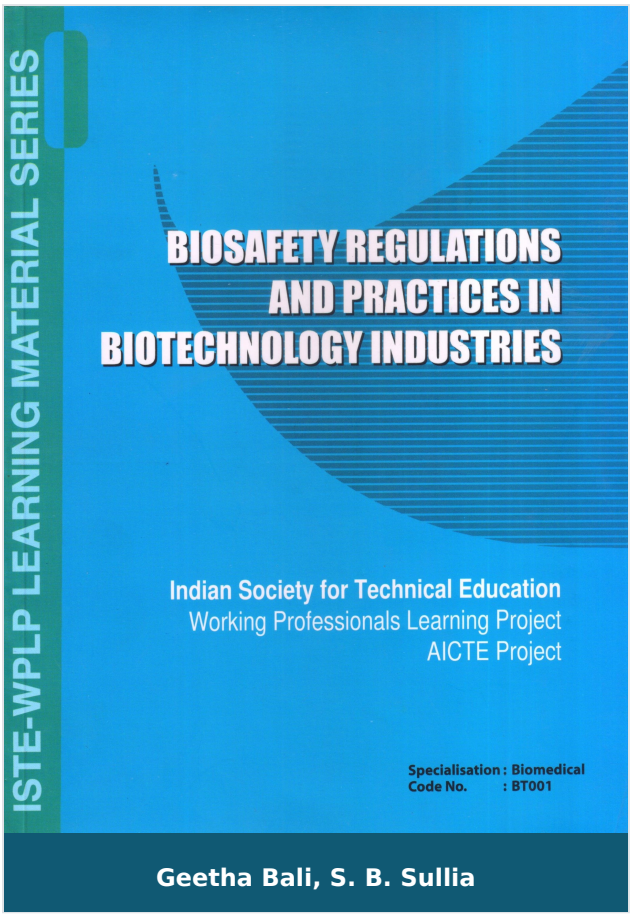
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Biosafety Regulations And Practices In Biotechnology Industries

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Product Description

Biotechnology is defined as 'The application of biological methods or processes, to produce products useful to mankind'. It often involves making molecular changes in living things for their better utilization. Plant breeders and fermentation experts have for centuries laboured to improve the crops and microorganisms such as yeasts and bacteria, that produce food and medicine. Plant Breeding and Fermentation Technology, in fact, long preceded the scientific knowledge of Genetics. Modern Biotechnology or Genetic Engineering is the technology that makes possible the transfer of genes (DNA) from one organism to another, thus allowing the recipient organism to express traits or characteristics normally associated only with the donor. The new characteristics that the recipients gain, will never easily come to them through natural processes of gene transfer that occur in nature. Thus the scope for Genetic Engineering is far greater than the conventional techniques employed prior to our understanding of DNA.

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Geetha Bali

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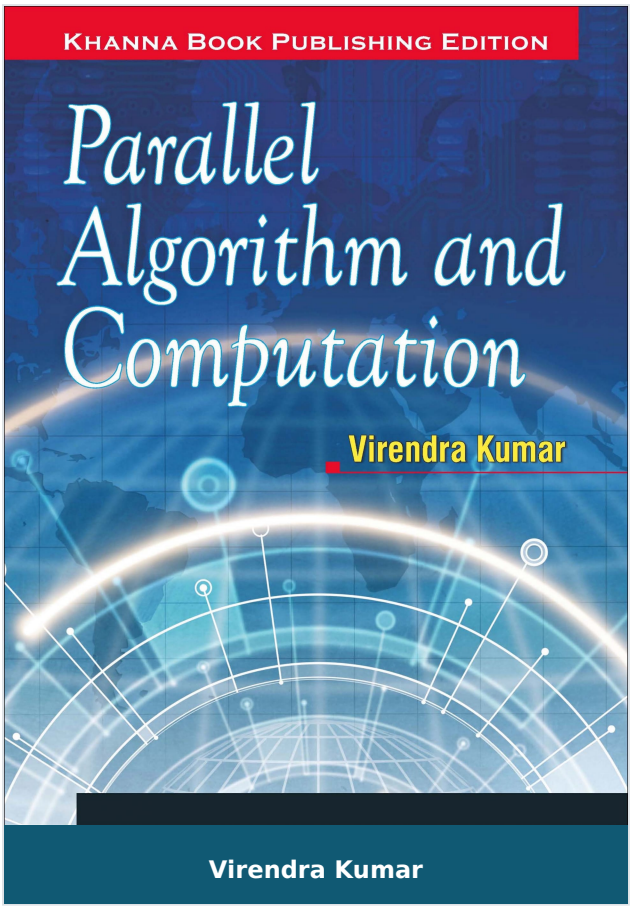
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Parallel Algorithm and Computation

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Product Description

This book comprises all the aspects like principle and techniques for parallel algorithm, Parallel processing system, for B. Tech/MCA/M. Tech. Students of computer science and engineering/information technology. This book consist the syllabus of all Indian Universities, It also provides the basic concepts of parallel algorithm and computations.

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- Performance Measures Of Parallel Algorithms
- Parallel Sorting Networks
- Parallel Algorithm Designing
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- Combinatorial Search
- Parallel Programming Languages
- Appendix (a) polynomial
- Appendix (b): Open MP
- Appendix (c) : Message Passing Interface
- Model Test Paper 1-7
- Bibliography
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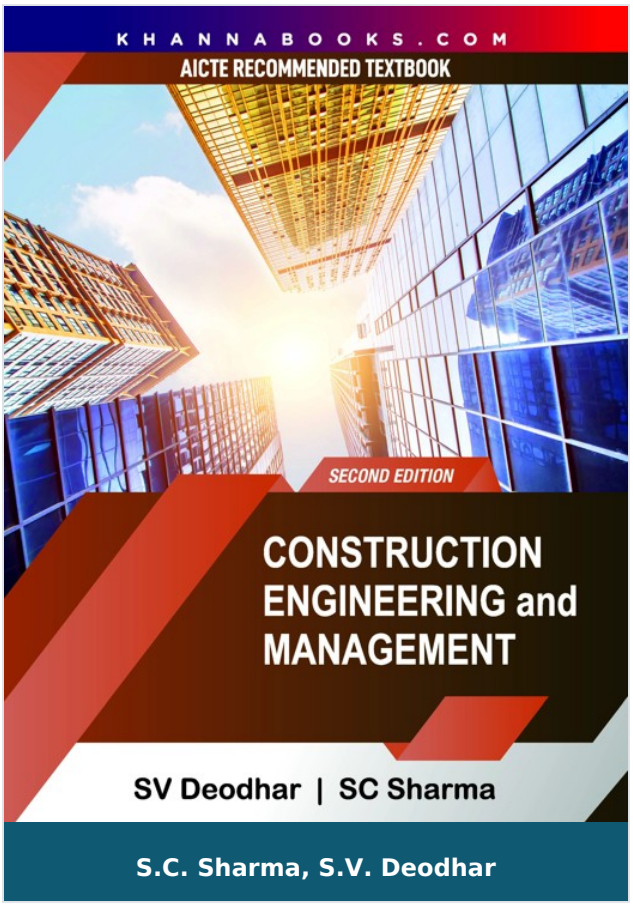
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Construction Engineering and Management

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This book cover the syllabi of Contraction Engineering for Degree as well as Diploma students and is also useful for practicing engineers.

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- Work Study,
- Contracts and Tender,
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- Quality Control and Inventory,
- Forms for Concrete Structure,
- Prefabricated Structures,
- Management of Demolition Works,
- Construction Equipment Basics,
- Earth Moving Equipment,
- Hauling (Transportation) Equipment,
- Concreting Equipment,
- Pumping and Dewatering Equipment,
- Hoisting Equipment (Lifting and Elevating Equipments, and Cranes.

Author

S.C. Sharma

S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has actively associated with various

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environmental and rehabilitation & resettlement issues and successfully resolved various complicated issues. He has also worked as consultant for matters related to safety, environment and R & R. He has written about a dozen books on subjects related to engineering and management including management of projects.

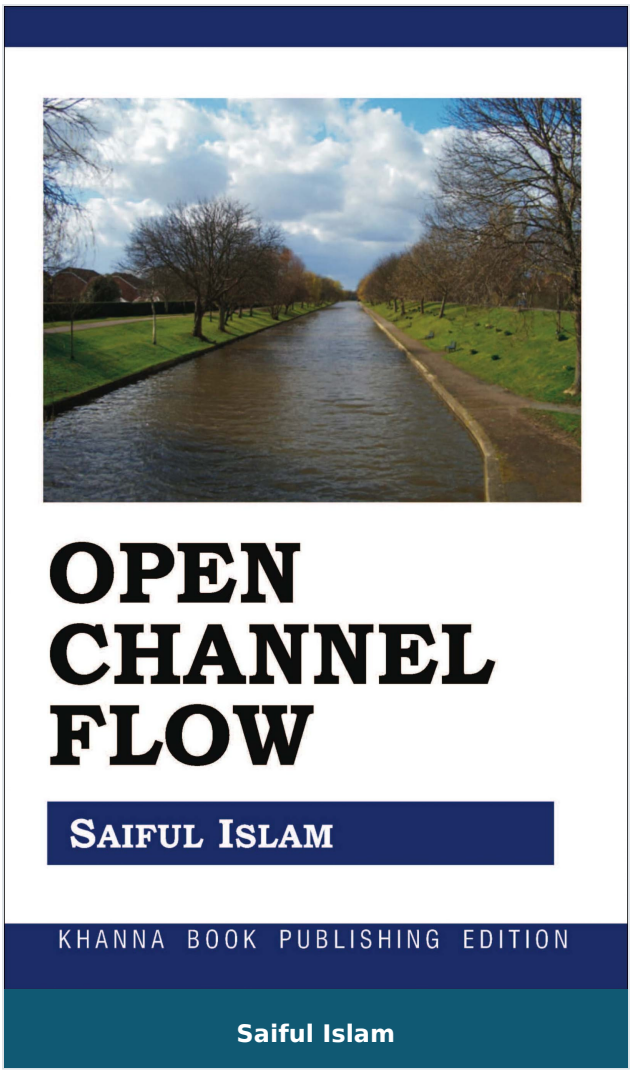
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Open Channel Flow

Author :	Saiful Islam
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- Gradually Varied Flow
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- Flow Measurement in Open Channel Flow
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- Objective Type Questions : Previous Year Question Papers
- Glossary

Author

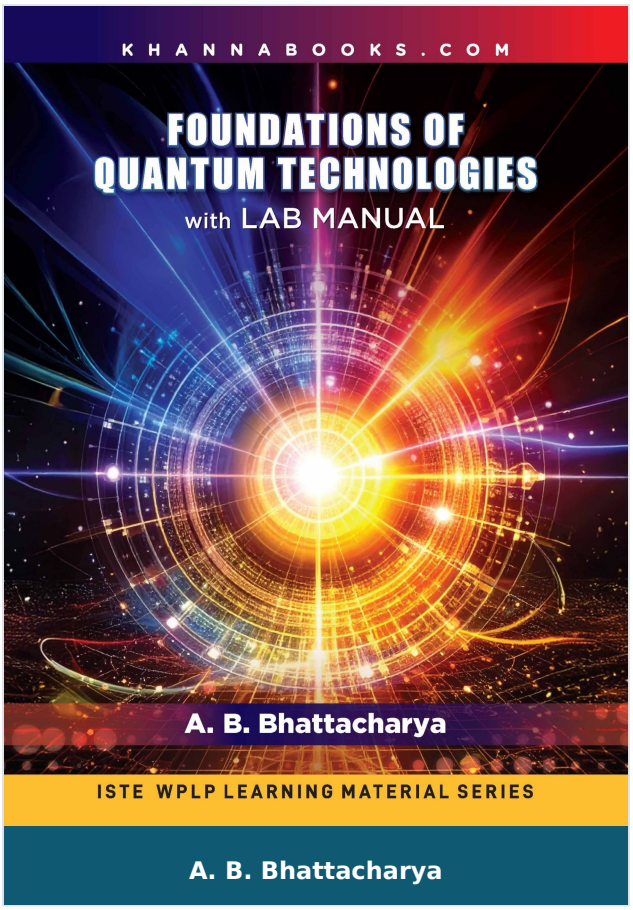
Saiful Islam

Saiful Islam is presently working as a Assistant Professor in the Department of Civil Engineering, RGEC, Meerut, U.P. He did his B.Tech degree from Zakir Hussain College of Engineering, A.M.U, Aligarh. He has completed his M.Tech degree from Indian Institute of Technology, Roorkee. He is the life member of Indian Society of Technical Education, International Association of Engineers and International Association of Protective Structures. He has published two papers in International journal. He has attended several conferences/ Workshops.

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Foundations of Quantum Technology with Lab Manual

Author :	A. B. Bhattacharya
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Product Description

Foundations of Quantum Technology with Lab Manual

Explore the Future — Learn the Fundamentals — Master the Tools

Step into the next revolution in science and technology with Foundations of Quantum Technologies (with Lab Manual) — an all-encompassing guide designed for students, educators, and researchers aiming to understand and work with the principles and real-world applications of quantum mechanics.

WHAT'S INSIDE

Part I: Fundamentals of Quantum Mechanics

Begin your journey with a deep dive into the origin and evolution of quantum theory. Understand wave-particle duality, measurement postulates, and the ground-breaking concept of quantum entanglement. Enrich your learning with multiple-choice questions, solved numerical problems, and project ideas at the end of each chapter.

Part II: Core Quantum Technologies

From quantum computing and cryptography to teleportation and metrology, discover how abstract quantum principles power the innovations shaping tomorrow. Learn algorithms like Shor's and Grover's, and explore secure communication via the BB84 Protocol.

Part III: Experimental and Practical Aspects

Get hands-on with quantum hardware platforms like superconducting qubits, trapped ions, and photonic systems. Study experimental realizations from IBM Q, Google Sycamore, and more. It includes detailed insights into quantum gate implementation and optical elements in labs.

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- Part III
- : Experimental and Practical Aspects
- Part IV
- : Lab Manual

Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and

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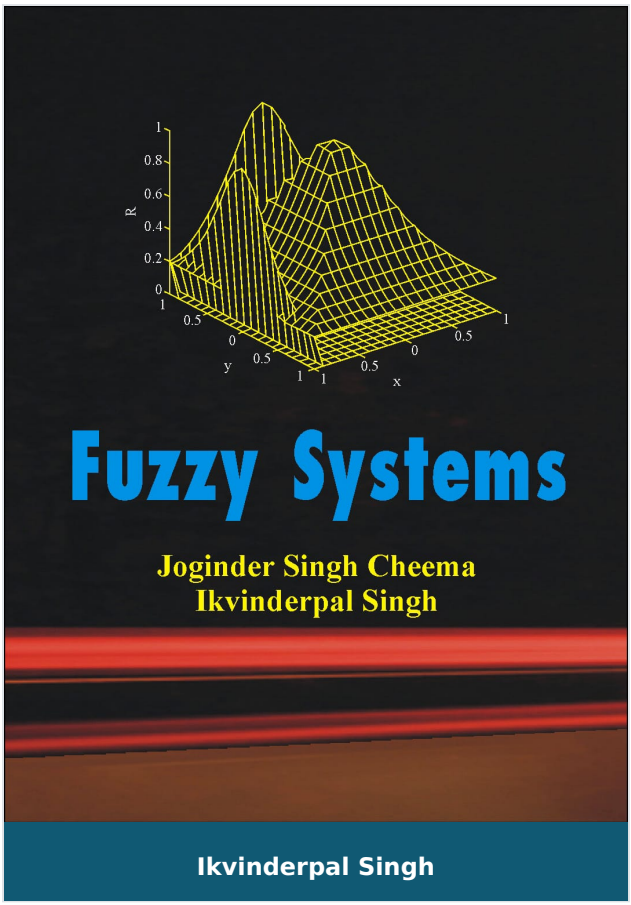
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Fuzzy Systems

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Product Description

This book is meant for a wide range of readers, especially college and university students wishing to learn basic as well as advanced processes and techniques in Fuzzy systems. It can also be meant for programmers who may be involved in programming based on the Fuzzy system applications. Modern aspects of fuzzy systems have been introduced from the first principles and discussed in an easy manner. So that a beginner can grasp the concepts of Fuzzy logic, fuzzy sets, fuzzy relations, fuzzy reasoning, fuzzy probability, fuzzy expert systems etc. each chapter contains solved example problems and exercise problems.

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- Applications of Fuzzy Logic
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- Genetic Algorithm
- Fuzzy Logic and Probability Theory
- Fuzzy Logic and Probability Theory
- Fuzzy Model Identification
- Fuzzy Logic in Database and Information Systems
- Fuzzy Logic and Artificial Intelligence
- Fuzzy Logic and Pattern Recognition

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

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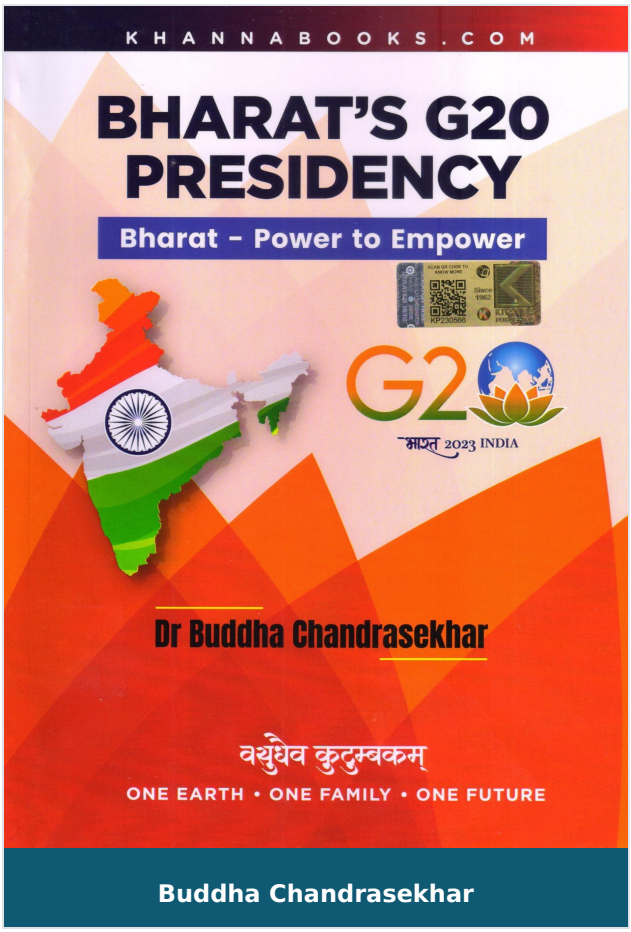
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Bharat's G20 Presidency

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- The Future of the G20 and the Importance of International Cooperation
- Bharat’s G20 Presidency Conclusion
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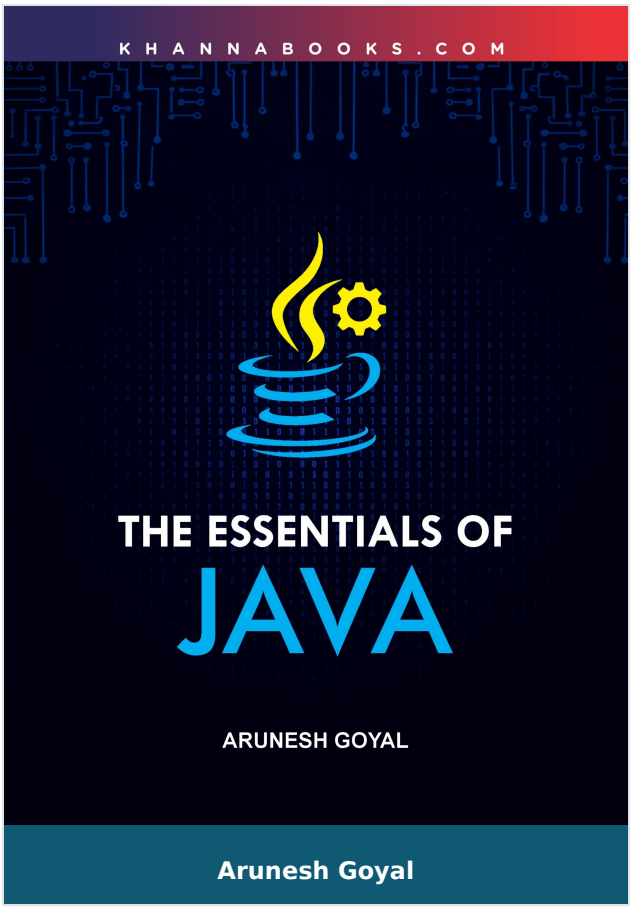
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The Essentials of Java

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Product Description

THE ESSESTIALS OF JAVA

Written in a crisp no holds style, the book intends to make you learn practically the essentials of the java programming language. It includes all that you need to get started with java. It introduces the objects-oriented parading consisting of encapsulation inheritance, and polymorphism. It outlines the concepts of constructors, the finalized () method, garbage collection, “this”, access control, call by value references, varargs, recursion, and static. Also, discussed are abstract methods/classes, method overriding, dynamic method dispatch, the super and final keywords, and the Object class. The concepts of standard packages, creating and importing packages, interfaces, their implementation, and the nesting and inheritance as related to interfaces have been brought out succinctly. Exception handling has become, of late, one of the most important aspects of modern object-oriented languages. The book teaches the art of handling run-time errors gracefully as well as creating you own customized exception subclasses. I/O (without which no language can survive in the world of computers). NIO, the formatter class, string handling including the stringbuffer and stringbuilder classes, type wrappers, auto-boxing/unboxing, enumerations, and annotations have been taught in an innovative way.

- There are eight case studies in all pertaining to wide ranging topics. There will help you to see the practical side of applying Java in the real world and understand the theoretical subject matter of the text much better.
- Besides, there are one hundred eleven odd solved examples to help you out.
- There is a specially designed set of one hundred solved Java Interview questions with augurs well for you in your interview preparations.
- Besides, there is " A full practical session" towards the end. Which you will do well to try your hand at in your own interest besides taking up the practical sessions affixed

at the end of each chapter. In all, these amount to one hundred thirty odd practical problems and exercises.

- The appendix contained the essence of the JAVA API package which includes fifty-nine libraries in all. The acronyms, the glossary and the index section are for your ready reference.
- The acronyms and the glossary, in particular, have been designed so that you are able to understand much of the computer jargon associated with Java in a big way.
- The " Winding It Up" session at the end of each chapter is a novel way not only to elucidate a potential problem area but also throw open a wide quizzical region which arouse the readers' interest in the subject matter to a large extent. These will approve to be of vital help to each one of you in your own way.

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- Getting Started with Java
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- Inheritance
- Packages and Interfaces
- Exception Handling
- Input / Output
- String Handling
- Type Wrappers Auto boxing, Enumerations and Annotations : Java Interview Questions (solved)
- A Full Practical Session
- Appendix: The JAVA API Package
- ACRONYMS
- GLOSSARY
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Author

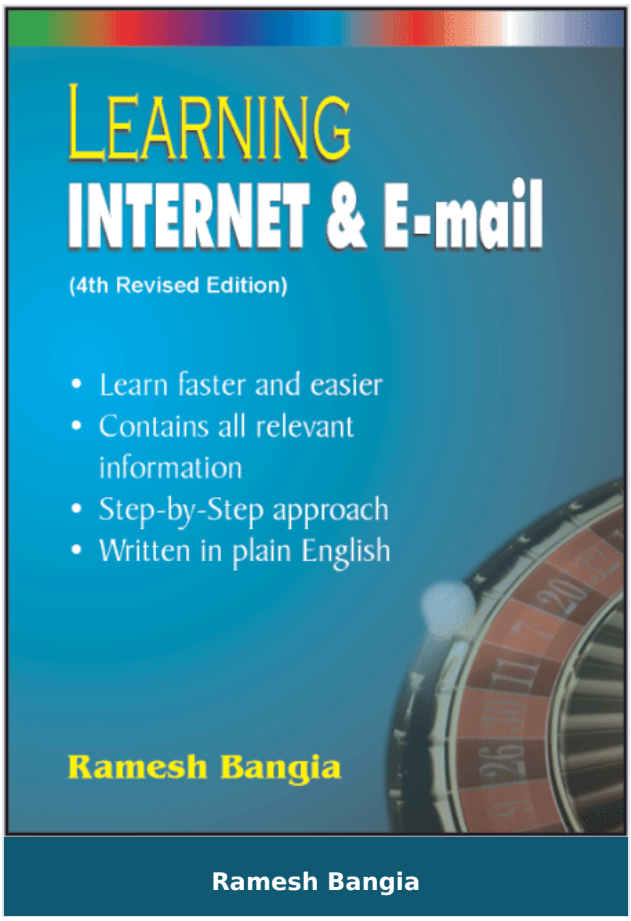
Arunesh Goyal

Arunesh Goyal is a topper from University of Delhi {B.Sc. (H) Mathematics: Kirorimal College. North Campus}. He has been personally awarded by Mr. Amitabh Bachchan. He is also a First Division MCA degree holder from the same university. Besides, he has worked as Computer Analyst/Consultant at St. Stephen's Hospital, Delhi for more than 10 years. This underlines his extensive programming and systems development experience. Besides, he has worked on two projects related to intelligent databases with Comtech International Ltd., Noida. and the Times of India, New Delhi, respectively.

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Ramesh Bangia

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Product Description

This book gives a holistic information regarding the Internet and e-Mail creation and sending.It includes technical aspect of the complete process of how the webpage are made an how websites run in the Network Ecosystem.

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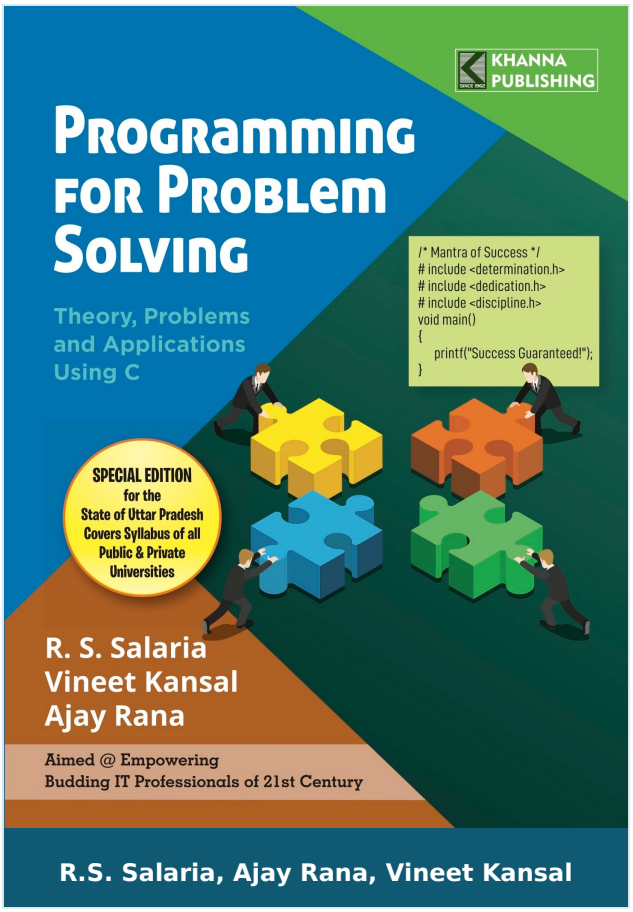
- Introduction to Internet
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- Introduction to World Wide Web
- Electronics Mail (e-mail)
- Electronic Mail (e-mail) counted
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- Making Money from Web
- Interesting Websites
- Glossary
- Question and Keyboard Shortcuts of Internet Explorer

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.



Programming for Problem Solving

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Product Description

This book is specially conceived with an aim to serve not only as a textbook to cover the syllabus of public & public universities, rather a intelligent book (i-book) that empowers readers to acquire 21st century problem solving skills and sharp coding skills.

Therefore, keeping in mind the requirements of 21st Century, a special emphasis is laid on the following aspects:

Designed keeping in mind the objectives of OUTCOME BASED EDUCTION.

Simple and lucid language that enables even an average reader to grasp the fundamental concepts of the subject.

Illustrative examples (165+ in number) to demonstrate the application of the concepts.

Multiple choice questions (225+ in number) to provide an opportunity for self-assessment of the fundamental concepts learned.

Short-answer type questions (192+ in number) to provide an opportunity to synthesize the fundamental concepts learned to answer precisely.

Programming exercises (112+ in number) to provide an opportunity to harness their coding skills.

Coding problems (42 in number) from the IT/IT-enabled industry perspective to conquer the screening phase of the placement process.

Frequently asked questions (43 in number) to conquer the technical round of the CAMPUS PLACEMENT PROCESS with flying colors.

The whole content is designed and organized as per the BLOOM’S TAXONOMY.

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- Console Input/Output
- Decision Making and Branching
- Decision Making and Looping
- User-Defined Functions
- Arrays and Strings
- User-Defined Data Types : Structure, Union & Enumeration
- Pointers & Dynamic Memory Management
- File Handling
- Preprocessor Directives
- Introduction to Algorithms
- Appendix A : Answers of MCQs
- Appendix B : FAQs for Oral Examination
- Appendix C : Solution of Selected Programming Exercises

Author

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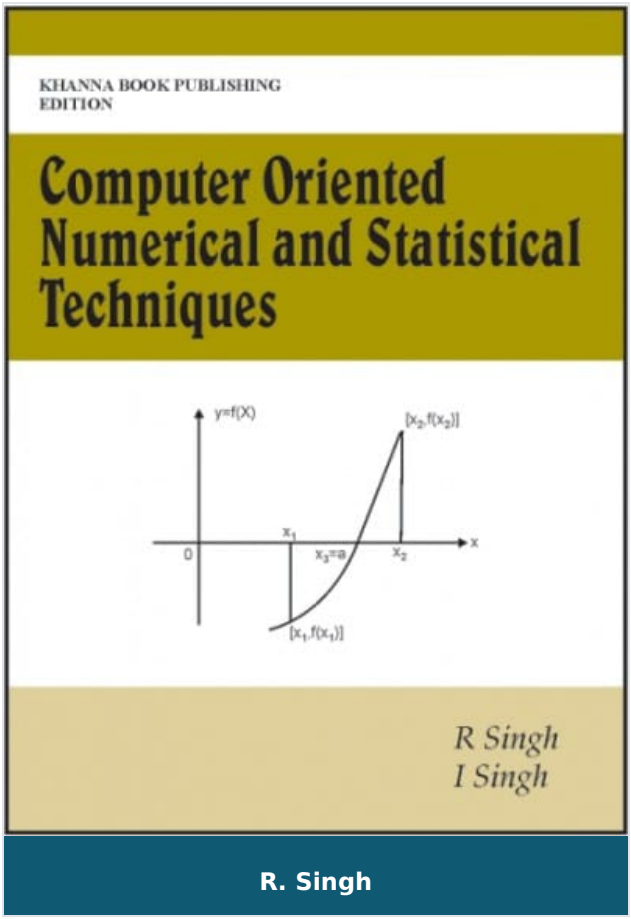
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R. Singh

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Written with the beginner in mind, this provides an exceptionally clear and precise detail of modern numerical and statistical techniques. Its approach is explanatory and language is lucid and communicable. Each and every technique described with the help of algorithm, Its flowchart and program using C and C++ and large number of solved and unsolved problems are given to have clear ideas. several examples of the application to engineering, medicine agriculture etc.

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- Moments, Skewness and Kurtosis
- Correlation
- Regression Analysis

Author

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

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