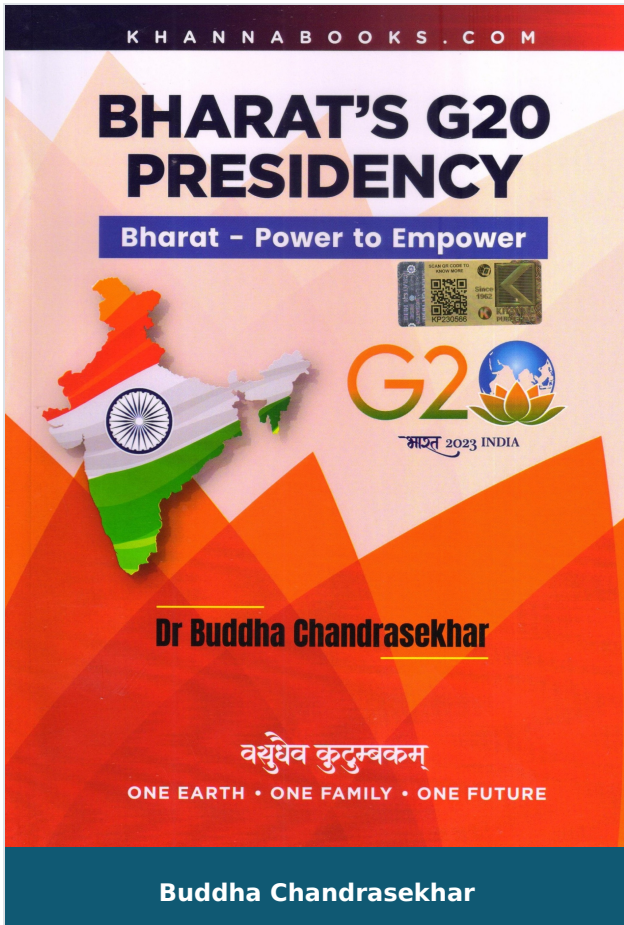




Bharat's G20 Presidency

Author : Buddha Chandrasekhar

ISBN 13 : 978-93-55382-50-4

ISBN 10 : 9355382502

E-ISBN 13 : 978-93-55382-50-4

Edition : 1

Pages : 72

Type of book : Physical

Year : 2024

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 250.00

Categories : [General Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Bharat's G20 Presidency Bharat -Power to Empower. Today, India commences its G20 Presidency. As India assumes this important mantle, I ask myself- can the G20 go further still? Can we catalyze a fundamental mindset shift, to benefit humanity as a whole?

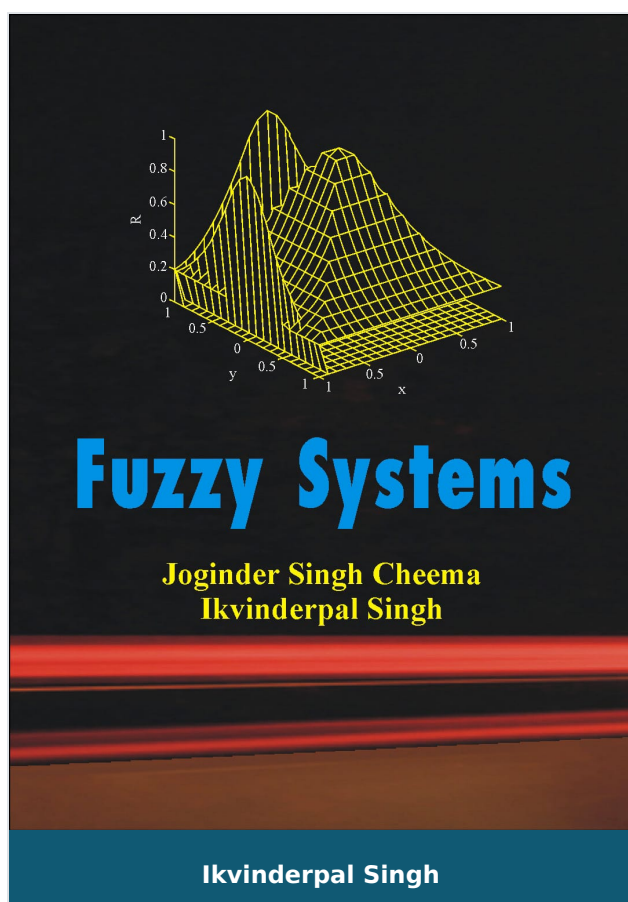
Table Of Contents

- Bharat- Power to Empower Introduction: Overview of Bharat's role as G20 president and the theme of "One Earth, One Family, One Future"
- Bharat's Efforts to Promote Sustainable and Inclusive Economic Growth in the G20
- Role of Bharatiya Digital Initiatives at G20
- The Economic Impact of the COVID-19 Pandemic on the G20 Countries, Role of Bharatiya Covid vaccines Covishield and Covaxin
- The Future of the G20 and the Importance of International Cooperation
- Bharat's G20 Presidency Conclusion
- Bharat- Power to Empower by Buddha Chandrasekhar

Author

Buddha Chandrasekhar

Dr. Buddha Chandrasekhar



Fuzzy Systems

Author :	Ikivinderpal Singh
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E-ISBN 13 :	978-93-80016-49-8
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Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
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Condition Type :	New
Country Origin :	India

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.

Table Of Contents

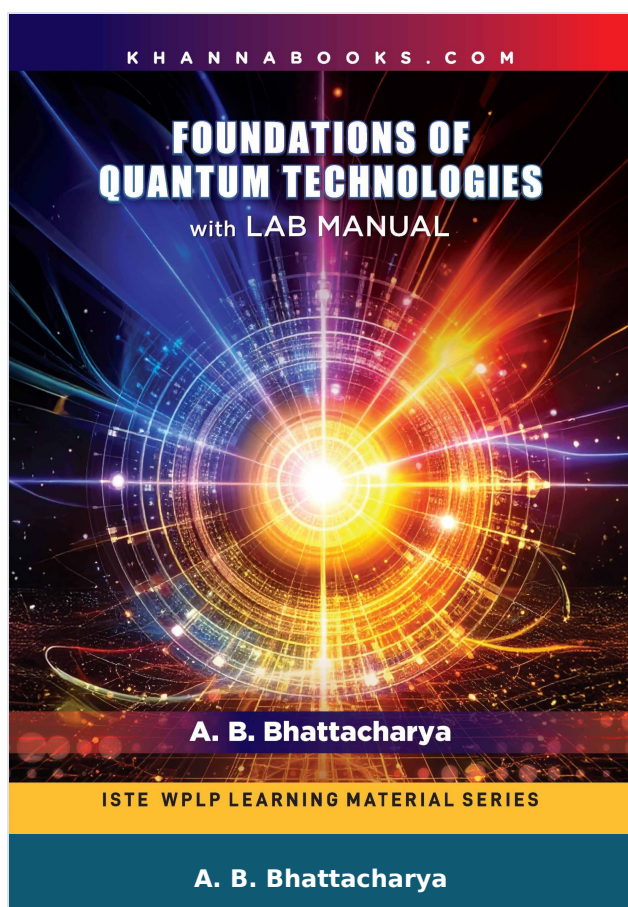
- Introduction to Fuzzy System
- Fuzzy Logic
- Classical Sets and Fuzzy Sets
- Fuzzy Relations, Fuzzy Graphs and Fuzzy Arithmetic
- Fuzzy If-then Rules
- Applications of Fuzzy Logic
- Neuro-Fuzzy Systems
- Genetic Algorithm
- Fuzzy Logic and Probability Theory
- Fuzzy Logic and Probability Theory
- Fuzzy 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

participation on 100+ editorial and review boards worldwide.



Foundations of Quantum Technology with Lab Manual

Author :	A. B. Bhattacharya
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ISBN 10 :	935538324X
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Publisher :	Khanna Publishing House
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Condition Type :	New
Country Origin :	India

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.

Part IV: Lab Manual

Bridge theory with practice in your own quantum lab. Conduct real-world experiments on polarization, entanglement, BB84 protocol, and quantum algorithms using cloud platforms. Learn essential tools like QuTiP, Qiskit, and Cirq for simulating and analyzing quantum systems.

Also Includes

- Conceptual short Q&A
- MCQs and numerical problems with solutions
- Design-driven project tasks
- Oral questions for viva preparation
- Reference tables for quick access

Whether you're a curious beginner or an aspiring quantum researcher, this book offers a robust, intuitive, and experimentally rich learning experience to help you navigate the quantum frontier.

Table Of Contents

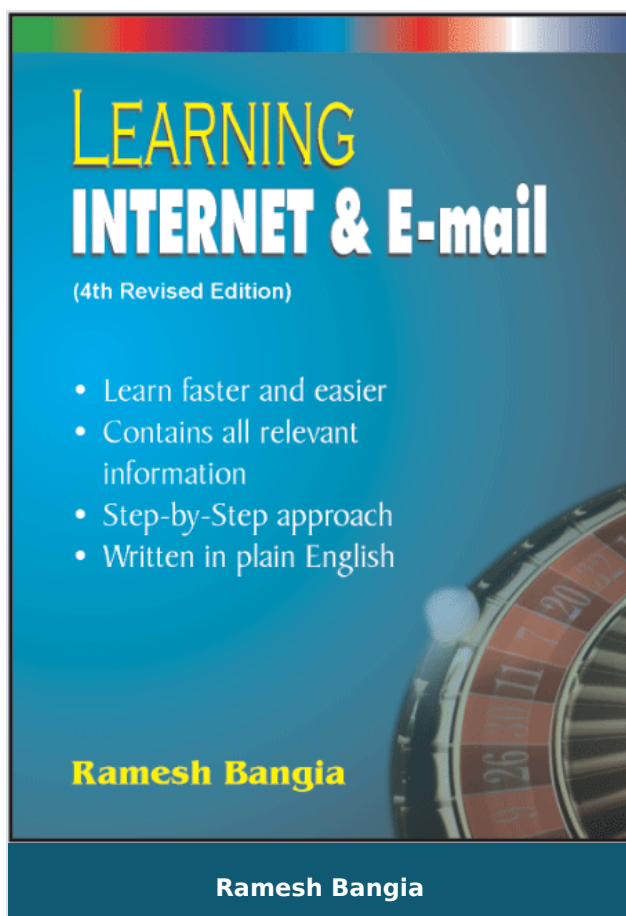
- Part I
- : Fundamentals of Quantum Mechanics
- Part II
- : Core Quantum Technologies
- Part III
- : Experimental and Practical Aspects
- Part IV
- : Lab Manual

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

Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness honored him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lightning is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.



Learning Internet & E-mail

Author :	Ramesh Bangia
ISBN 13 :	978-81-87325-70-3
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E-ISBN 13 :	978-81-87325-70-3
Edition :	2
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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

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 and how websites run in the Network Ecosystem.

Table Of Contents

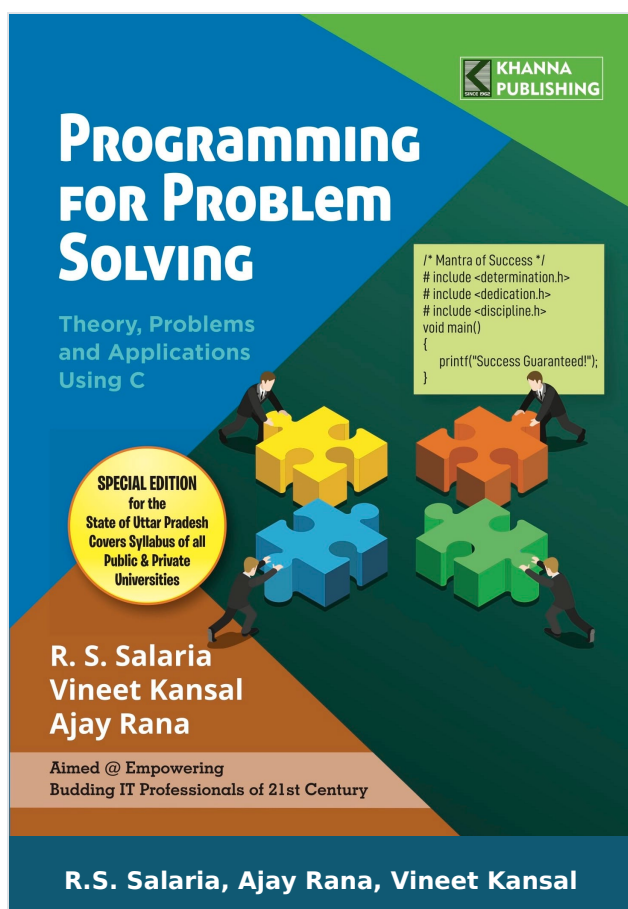
- Introduction to Internet
- Setting up Your Computer for Internet
- Introduction to World Wide Web
- Electronics Mail (e-mail)
- Electronic Mail (e-mail) counted
- File Transfer Protocol (FTP)
- Telnet
- Surfing the Net
- Creating a Web Page using Front Page
- Creating a New Web Page using Dreamweaver 2004
- Creating a Form
- Registering and Publishing Your Website
- 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 East and African countries.



Programming for Problem Solving

Author : R.S. Salaria, Ajay Rana, Vineet Kansal

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 450.00

Categories : [Computer Science Engineering, Book Store](#)

Condition Type : New

Country Origin : India

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 an 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 EDUCATION.

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.

Table Of Contents

- Coding/Programming Problems for Campus Placements
- Introduction to Computers
- Program Solving and Program Planning
- Overview of C Language
- Data Types, Variables and Constants
- Operators and Expressions
- 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

R.S. Salaria

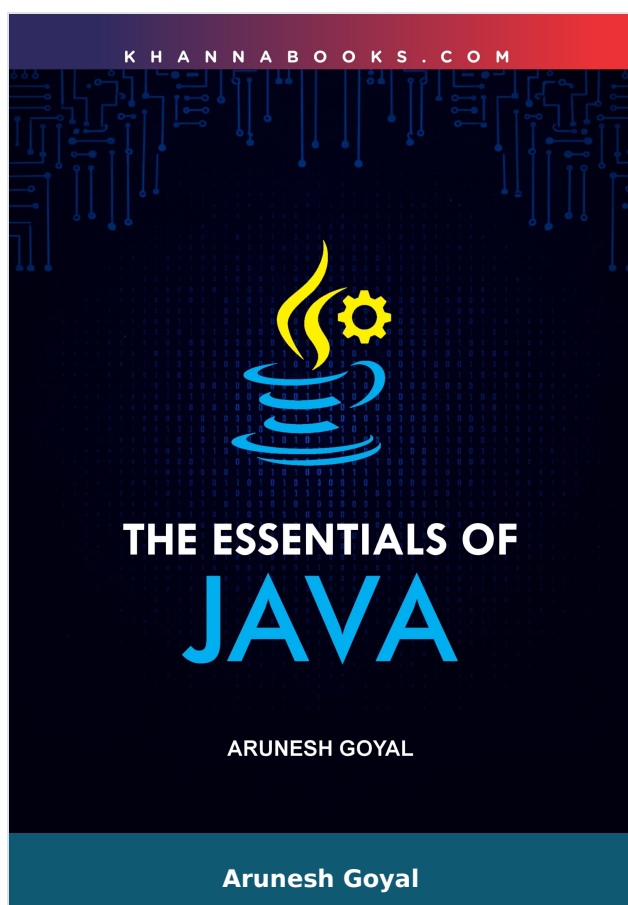
Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is 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>

Ajay Rana

Dr. Ajay Rana Professor, Department of Computer Science & Engineering Dean and Director, Amity University 30+ patents under his name in the field of IoT, Network & Sensors 279+ Research publications Co-authored 6 Books Completed 30 Sponsored Research Projects Senior member, Academic Council & Executive Council, Amity University Strong corporate connect

Vineet Kansal

Prof. Vineet Kansal Professor, Department of Computer Science & Engineering, Institute of Engineering & Technology (IET), Lucknow, Uttar Pradesh Pro Vice Chancellor, Dr. APJ Abdul Kalam Technical University (AKTU), Lucknow, Uttar Pradesh Professor In-Charge (T&P), AKTU, Lucknow Coordinator, Technical Education Quality Improvement Programme (TEQIP-III), AKTU, Lucknow Former Dean (Under Graduate Studies & Entrepreneurship), AKTU Lucknow Alumnus of IIT, Delhi



The Essentials of Java

Author :	Arunesh Goyal
ISBN 13 :	978-93-81068-63-2
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Publisher :	Khanna Publishing House
M.R.P :	Rs 425.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

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.

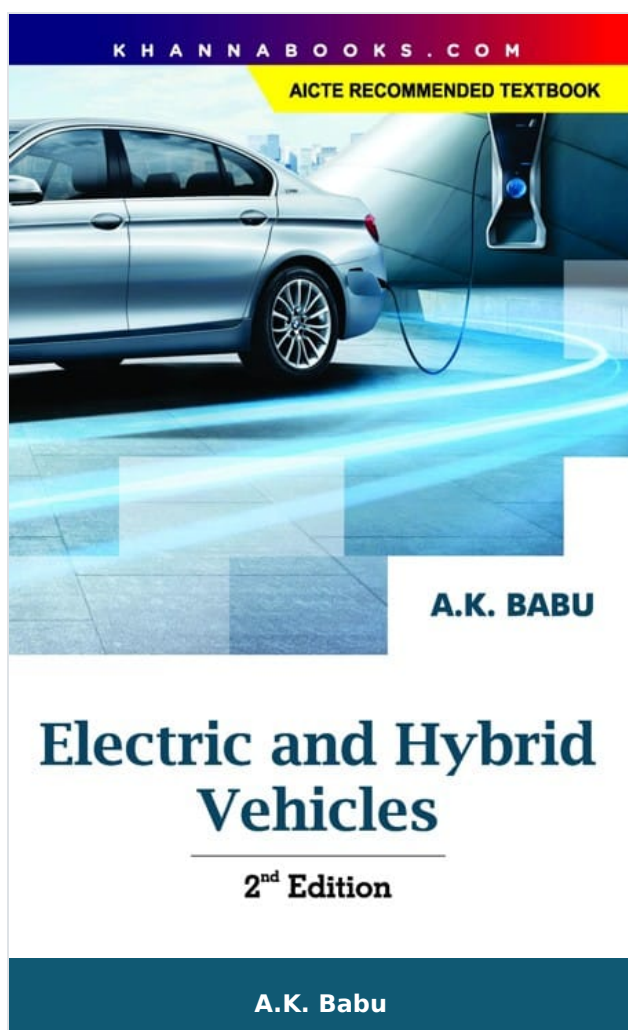
Table Of Contents

- Getting Started with Java
- Classes, Objects and Methods
- 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
- INDEX

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.



Electric & Hybrid Vehicles

Author :	A.K. Babu
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M.R.P :	Rs 248.00
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Condition Type :	New
Country Origin :	India

Product Description

This book is written to be easy to read and to meet the critical skill requirements of students studying Automobile Engineering, Mechanical Engineering and Electrical Engineering. The content is organized into 25 easy-to-understand chapters. The fundamentals, electric vehicles (EVs), hybrid electric vehicles (HEVs), and fuel cell vehicles (FCVs) are all covered in this book. It covers the performance, configuration, and control strategy of several electric and hybrid electric vehicles in details. Colleges and technical universities offering core and elective subjects like Electric and hybrid Vehicles and New Generation Vehicles can utilize this course book as a textbook and major reference book.

Table Of Contents

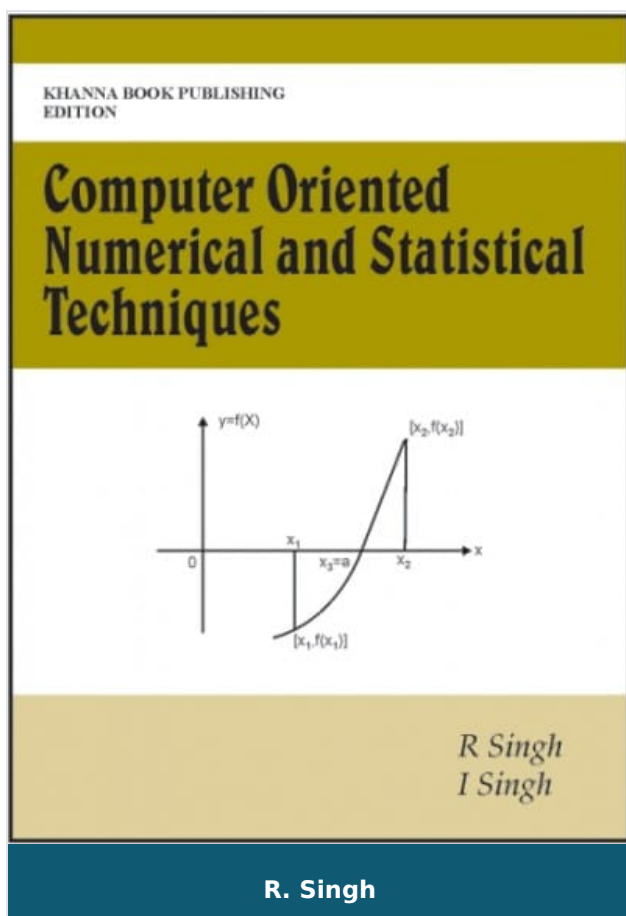
- Fundamentals of Electricity
- Fundamentals of Electronics
- Electric Vehicle Evolution
- History of Hybrid Vehicles
- Electric Vehicle
- Classification of EVs
- Energy Sources
- Electric Motor
- Control System
- Configurations of Electric Vehicles
- Performance of Electric Vehicles
- Charging
- Indian Electric Vehicles
- Hybrid Vehicles
- Hybridisation
- Drive Configuration of HEVs
- Performance of Hybrid Vehicles
- Fuel Cell Electric Vehicle (FCEV)
- Comparison
- Transmission in EVs
- Hybrid Cars in India
- Steering System for EVs and HEVs
- Suspension System for EVs And HEVs

- Brake System For EVs
- Best Electric and Hybrid Cars.

Author

A.K. Babu

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.



Computer Oriented Numerical & Statistical Techniques

Author :	R. Singh
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4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

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.

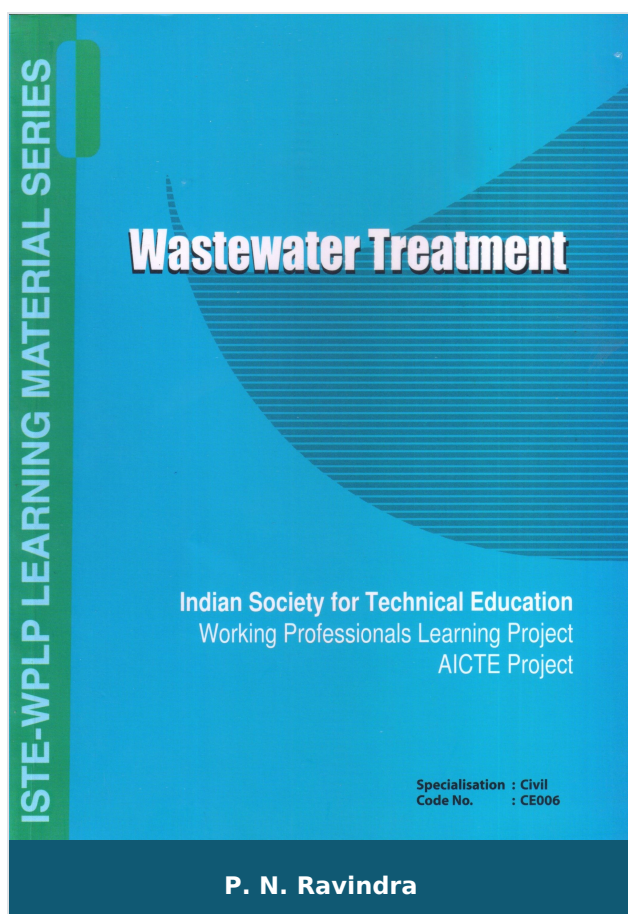
Table Of Contents

- Computer Basics for Numerical Problems
- Numerical Analysis
- Errors and their Analysis
- Solution of Transcendental and Polynomial Equations
- Interpolation
- Solution of Linear Equations
- Numerical Differentiation
- Numerical Integration
- Solution of Ordinary Differential Equations
- Curve Fitting
- Introduction to Statistics
- Measures of Central Tendency
- Measures of Dispersion
- Moments, Skewness and Kurtosis
- Correlation
- Regression Analysis

Author

R. Singh

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. "



Wastewater Treatment

Author :	P. N. Ravindra
ISBN 13 :	978-93-55384-46-1
ISBN 10 :	9355384467
E-ISBN 13 :	978-93-55384-46-1
Edition :	1
Pages :	320
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Condition Type :	New
Country Origin :	India

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Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

This book written under working professional learning projects is with the intention of providing sufficient information and knowledge about the principles of wastewater treatment to the water works engineers. This book comprehensively deal with the basics of wastewater treatment, laying emphasis on current trends. To convey ideas and concepts more clearly, the book contains descriptive diagrams with suitable explanation. The book covers a broad spectrum of material dealing with wastewater treatment, as it is far more than just an update of the existing books on wastewater treatment, which includes the latest concepts and processes. The topics presented can be useful not only to the wastewater engineers, but also to the plant operators, and managers who are in the public utilities. This learning material will also be a useful reference book for planners, administrators, students and general readers. It will be of interest to those non-technical staff, who wish to understand technical issues relating to wastewater treatment. One who reads this book systematically from chapter one will surely acquire an understanding of the concepts of wastewater treatment, including schemes of treatment.

Table Of Contents

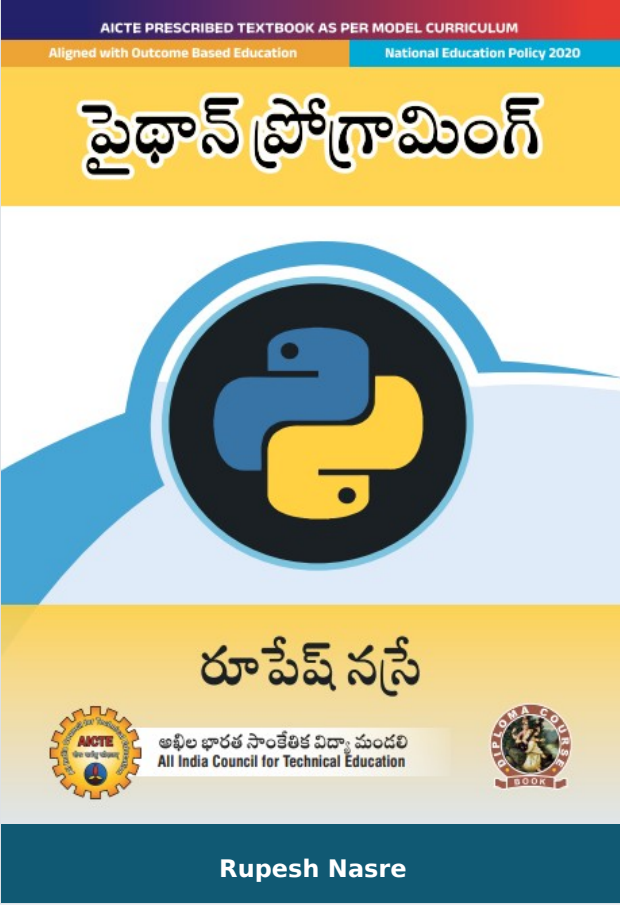
- FOREWORD
- PREFACE
- Wastewater
- Wastewater Treatment
- Preliminary and Primary Treatment Units
- Sedimentation
- Biological Treatment Processes
- Activated Sludge Process
- Advanced Wastewater Treatment
- Natural Treatment System
- Residual Management
- Membrane Treatment Systems
- References,
- Glossary,
- Abbreviations

Author

P. N. Ravindra

Dr. P. N. Ravindra The author of this book is working as Assistant Executive Engineering for Bangalore Water Supply and Sewerage Board (BWSSB) and has more than 25 years of working experience in the field of water and wastewater treatment. He has written several books in water discipline and published several research papers. It is a matter of pride and privilege for the author to write a book for his fellow engineers, who can make this book worthwhile. He acknowledges the help he has received from Mr Narayana, Cheif

Engineer, (Retd), BWSSB in reviewing the material and also improving the quality of the book. Special thanks to Prof. NR Shetty, Chairman, Project Advisory Committee, ISTE-WPLP and Er AN Parameswaran, Project Officer and his staff, ISTE-WPLP, who have provided valuable suggestions and carried out the coordination in preparation of this material.



Python Programming

Author :	Rupesh Nasre
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Publisher :	Khanna Publishing House
M.R.P :	Rs 348.00
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Condition Type :	New
Country Origin :	India

Product Description

Python Programming

Python is the most popular programming language today. This book gently guides you to explore the world of python programming via simple examples. The focus of this book is on problem solving rather than introducing syntax. The problems have been carefully designed to introduce concepts, and to also keep the readers interested. Towards the second half, the book provides a flavor of the real-world applications, expanding the view of the learners.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'know more' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps.

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- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Introduction, Variables, and Data Types
- Control Structures
- Functions, Modules, and Packages
- Files and Regular Expressions.
- Django Framework
- References for Further Learning
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- Index

Author

Rupesh Nasre

Rupesh Nasre Associate Professor Indian Institute of Technology (IIT) Madras, Adyar,
Chennai, Tamil Nadu