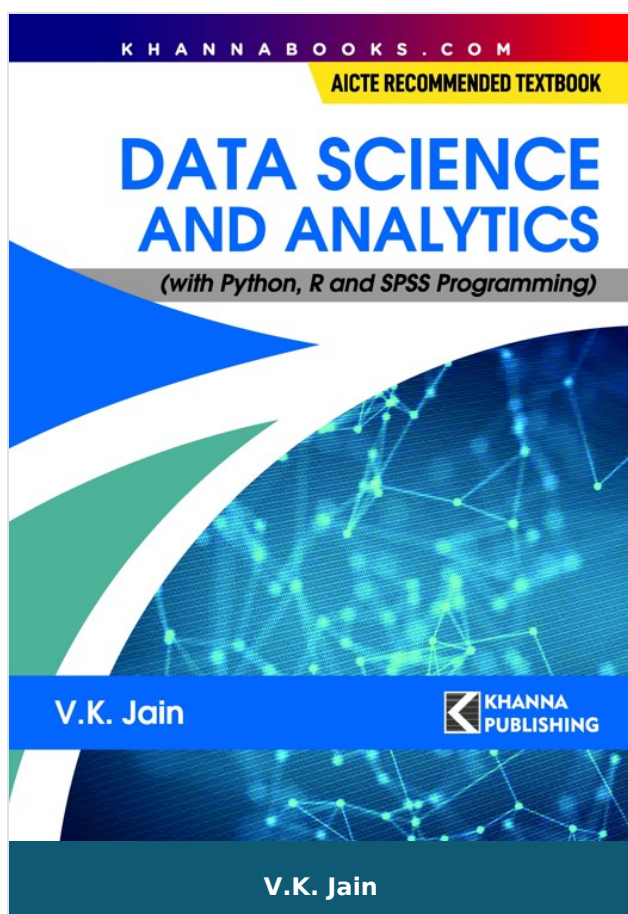




Data Science and Analytics (with Python, R and SPSS Programming)

Author :	V.K. Jain
ISBN 13 :	978-93-86173-67-6
ISBN 10 :	9386173670
E-ISBN 13 :	978-93-86173-67-6
Edition :	First
Pages :	276
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 425.00
Categories :	Computer Science Engineering, Emerging Technologies, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

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 big data, data science and analytics in an integrated manner.

While composing this book my intention was not to introduce a collection of new techniques and protocols, but rather to selectively present techniques from those currently available in the public domain.

Computer science has the greatest drawback of non-standardization of the stuff, not only of its software but in courseware also. A vast amount of curriculum exists at different levels of various Universities. As such I have tried to include all desired courseware from the syllabi for different levels.

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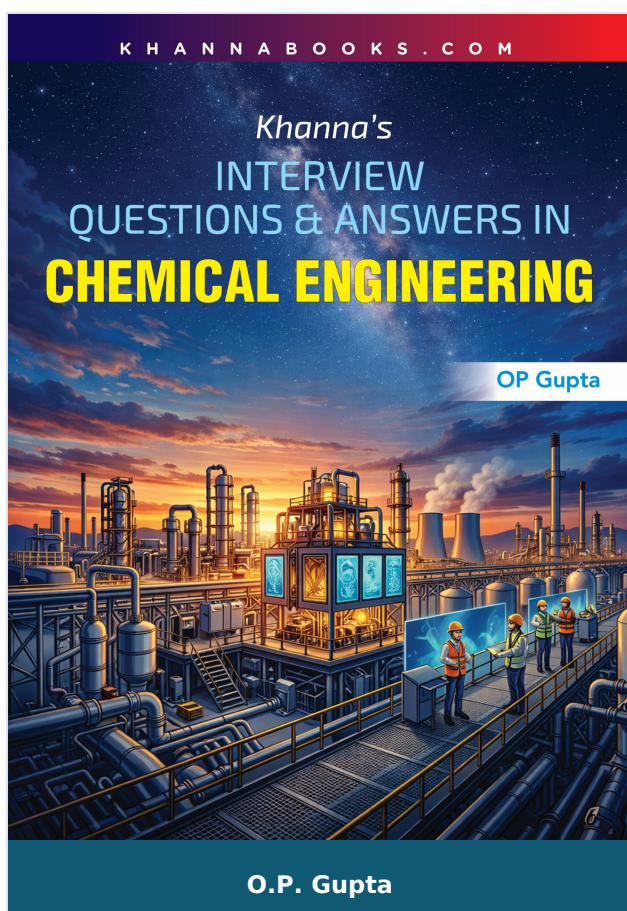
- Unit-1: Introduction to Data Science
- Unit-2: Data Management Using IBM SPSS
- Unit-3: Data Analysis Using R Programming Language
- Unit-4: Data Visualisation
- Unit-5: Application of Data Science, Technology for Visualisation and Bokeh
- Unit-6: Recent Trends in Data Science
- Annexure-1: R Programming Language & Software Environment for Statistical Analysis and Graphics

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 Institute 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.



Khanna's Interview Questions & Answers in Chemical Engineering

Author :	O.P. Gupta
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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

Interview Questions and Answers in Chemical Engineering by O.P. Gupta is a comprehensive, meticulously structured resource designed to bridge the gap between academic learning and professional recruitment. This first-edition volume provides a deep dive into the core pillars of the field, covering essential topics such as Fluid Mechanics, Heat Transfer, Mass Transfer, and Instrumentation. By presenting technical concepts in a clear question-and-answer format, the book helps readers master complex theories while simultaneously preparing them for the practical rigors of the industry.

The book is tailored for a wide-ranging audience, including diploma, degree (B. Tech.), and postgraduate (M. Tech.) students, as well as PhD candidates defending their theses. It also serves as an indispensable guide for professionals preparing for associate membership examinations like AMIE and AMIChE, and for those appearing for recruitment interviews at premier public and private sector organizations like BARC, SAIL, and IOC. With its focus on both foundational principles and real-world applications—ranging from valve operations to advanced membrane separations—this book acts as a vital tool for anyone looking to excel in the chemical engineering profession.

Salient Features

- **Core Technical Mastery:** Comprehensive coverage of fundamental subjects like fluid mechanics, heat transfer, and thermodynamics.
- **Interview-Ready Format:** Concepts presented in a concise question-and-answer style, ideal for viva-voce and recruitment preparation.
- **Industrial Equipment Insights:** Functional details on hardware like orifice meters, venturi scrubbers, and various heat exchangers.

- **Advanced Separation Processes:** In-depth explanations of liquid-liquid extraction, crystallization, and membrane-based techniques.
- **Practical Applications:** Strong focus on real-world scenarios, including wastewater treatment and industrial process control.
- **Safety & Instrumentation:** Critical guidance on PID controllers and specialized gauges for operational safety.
- **Competitive Exam Alignment:** Content tailored to the requirements of GATE, AMIE, and PSU recruitment exams.
- **Diverse Domain Scope:** Covers emerging and miscellaneous topics like carbon sequestration and environmental engineering.

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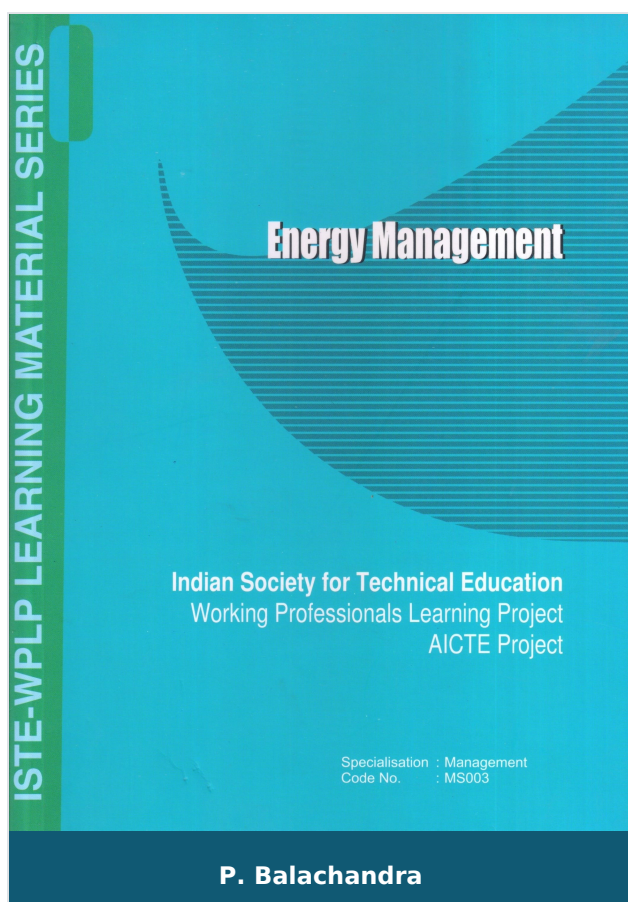
- Fluid Mechanics
- Instrumentation
- Valves
- Pumps
- Ejectors
- Fans, Blowers and Compressors
- Mixing
- Fluidisation
- Heat Transfer (Dimensionless Groups in heat Transfer)
- Temperature Measurement Instruments
- Thermal insulation
- Shell and Tube Heat Exchngers
- Evaporation and Evaporators
- Heat Pumps
- Steam Traps
- Compact Heat Exchangers
- Fired Heaters
- Mass Trasfer
- Mass Transfer with Chemical Reaction
- Packed Columns
- Mass Transfer Processes
- Diffusion
- Liquid-Liquid Extraction

- Solid-Liquid Extraction/leaching
- Crystallization
- Humidification and Water Cooling
- Drying
- Adsorption
- Distillation Column
- MISCELLANEOUS QUESTIONS

Author

O.P. Gupta

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.



Energy Management

Author :	P. Balachandra
ISBN 13 :	978-93-55384-47-8
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M.R.P :	Rs 369.00
Categories :	Management Books, Book Store, ISTE Series
Condition Type :	New
Country Origin :	India

Product Description

Supply and utilization of energy, forms an integral part of economic development of a country. Further, energy interacts with all aspects of social and economic development, including livelihoods, water, agriculture, industry, environment, population, health education, job creation and gender- related issues. These energy interactions have both positive and negative implications for every sector of the economy as well as for the environment. The objective of the author, is to introduce the prospective readers of this book to the fascinating world of energy and how it interacts with many other systems which are closely connected to the human system. This is done with a focus on India.

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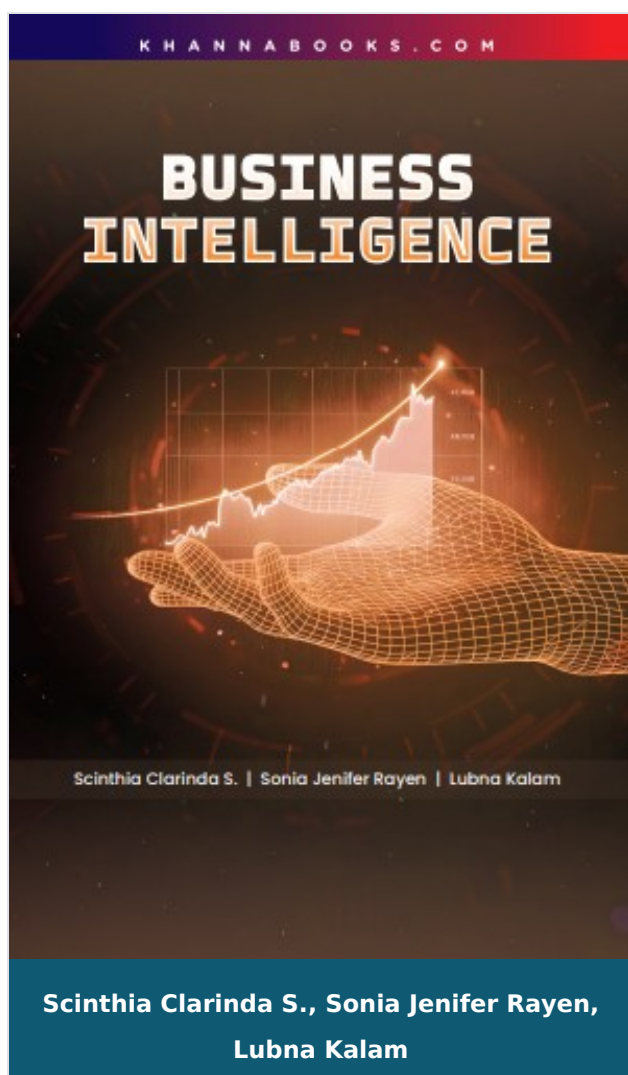
- Foreword
- Preface
- Energy Basics and Fundamental Concepts.
- Dynamics of Energy Supply and Demand in India.
- Energy and Economic Development.
- Energy and Sustainable Development.
- Energy Production and Utilization: Implications for Environment.
- Economics of Energy Supply and Use.
- Energy Efficiency: A new Source of Energy.
- Renewable Energy.
- Energy Modeling and Integrated Resource Planning.
- Energy Supply and Demand Security,
- Energy Policy and Regulatory Issues.
- Typical Questions
- Bibliography
- Appendix

Author

P. Balachandra

Dr. P. Balachandra is a member of the Faculty, at the Department of Management Studies and Associate Faculty at the Centre for Sustainable Technologies Indian Institute of Science (IISc), Bangalore, India. In addition, he served as a visiting expert at the Harvard Kennedy School, Harvard University, USA; UNDP-Regional Centre, Bangkok; Asian Institute of Technology, Bangkok and Indira Gandhi Institute of Development Research,

Mumbai. He received his ph.D. in Energy and Environment from the IISc in 2000. He has about 22 years of Research and Teaching experience in the field of energy, environment and technology management. His Research expertise includes energy & environmental economics and policy, sustainable development, climate change mitigation, technology transfer and diffusion, renewable energy and sustainable mobility. His Research is focused predominantly on policy analysis, technology assessments, economic analyses, modeling and planning, arriving at solutions relevant for developing countries like India and tracing from the perspective of sustainable development. He has investigated about 20 research and consultancy projects. Prominent Organizations, for which he has carried out Consultancy/Research assignments, are UNDP, European Commission, World Bank, SIDA AIT, TERI, IGIDR and various ministries of Government of India and private sector organizations. He has co-authored three books and published about 70 papers in various international and National journals, conferences and edited books.



Business Intelligence

Author : Scinthia Clarinda S., Sonia Jenifer Rayen, Lubna Kalam

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Publisher : Khanna Publishing House

M.R.P : Rs 148.00

Categories : [New Arrivals, Book Store, Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Business Intelligence

This book, BUSINESS INTELLIGENCE, stands as an essential and comprehensive resource for professionals and students seeking to master the principles of data-driven decision-making. The core theme is the systematic use of technology, processes, and tools to convert an organization's raw data assets into actionable insights that drive improved operational performance and strategic foresight. It offers a rigorous, yet accessible, exploration of key BI concepts, covering the distinction between Data, Information, and Intelligence and the fundamental components of BI Architecture, including Data Warehousing, OLAP, and the crucial ETL process.

The practical value of this text is demonstrated through its detailed coverage of the BI Life Cycle, the implementation challenges organizations face, and the necessity of developing a strategic BI Roadmap. It uniquely integrates advanced topics like predictive analytics and the role of organizational culture in BI success. Designed for learners, practitioners, and researchers—from casual business users to professional data analysts—this book is an indispensable asset for anyone committed to leveraging data for business growth and a competitive advantage.

Salient Features:

- **BI Architectural Core:** Details the components of BI architecture like Data Warehousing and OLAP (Online Analytical Processing), showing how they enable rapid, multidimensional data analysis.
- **ETL Process Mastery:** Provides a deep dive into the Extract, Transform, Load (ETL) mechanism, detailing critical steps like data cleaning, filtering, and standardization necessary for building a robust Data Warehouse.

- **Strategic Planning:** Explores the importance of developing a comprehensive BI Strategy and Roadmap, outlining essential steps for implementation, risk assessment, and achieving a clear Return on Investment (ROI).
- **User-Centric Design:** Focuses on end-user segmentation and the creation of user-friendly dashboards and scorecards. This ensures that complex data is accessible for informed decision-making.
- **Emerging Technology:** Covers the future of Business Intelligence, including the integration of AI/Machine Learning for automated analysis, cloud-based analytics, and real-time data processing.
- **MSBI Toolset:** Offers practical insights into the Microsoft Business Intelligence (MSBI) suite, specifically detailing tools like SSIS (ETL), SSAS (OLAP/Data Mining), and SSRS (Reporting).
- **Predictive Analytics:** Explores advanced analytical techniques like Data Mining and Statistical Analysis to uncover hidden patterns and develop predictive models for future business forecasting.
- **Implementation Challenges:** Discusses critical issues and challenges that organizations face, such as data quality issues, implementation complexity, and the Total Cost of Ownership (TCO).

Table Of Contents

- Business Intelligence Introduction
- Business Intelligence Life Cycle
- Business Intelligence User Model
- Business Intelligence Issues and Challenges
- Business Intelligence Strategy and Roadmap

Author

Scinthia Clarinda S.

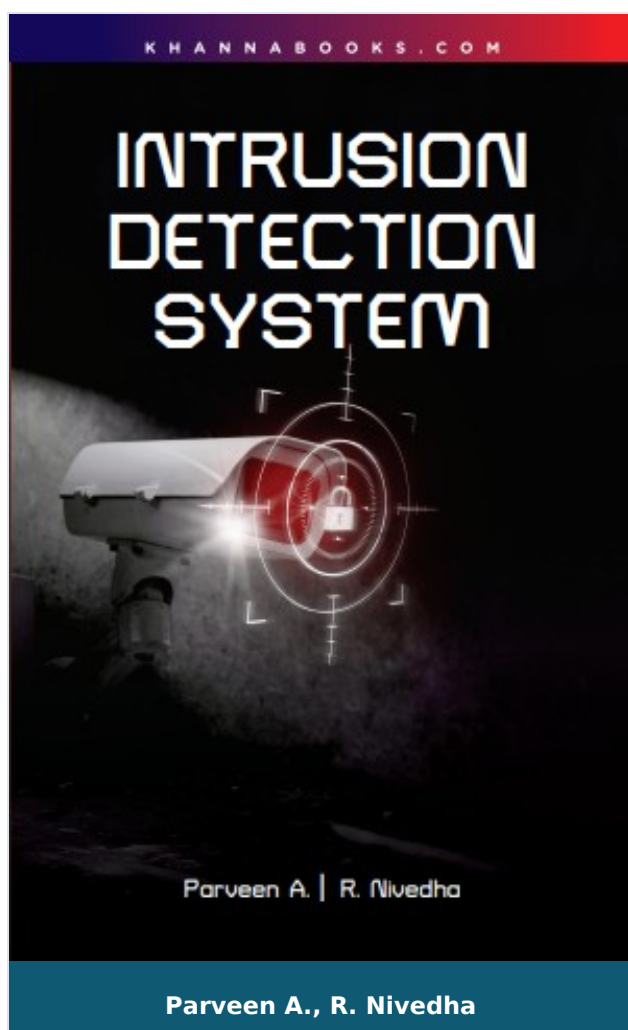
Scinthia Clarinda S., Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology
Sonia Jenifer Rayen, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology
Lubna Kalam, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

Sonia Jenifer Rayen

Sonia Jenifer Rayen, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

Lubna Kalam

Lubna Kalam, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology



Intrusion Detection Systems

Author : Parveen A., R. Nivedha

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Publisher : Khanna Publishing House

M.R.P : Rs 148.00

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[Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Intrusion Detection Systems

"INTRUSION DETECTION SYSTEMS" offers a comprehensive and vital resource for navigating the rapidly evolving domain of cybersecurity. Written in an academic yet accessible tone, this book provides a thorough introduction to Intrusion Detection Systems (IDS), exploring their historical evolution, foundational concepts, and critical role in protecting modern digital environments. The core purpose of this text is to bridge the gap between theoretical knowledge and real-world application, equipping readers with the expertise to implement robust security strategies against increasingly sophisticated threats.

The book highlights the transformative impact of Machine Learning (ML) and Artificial Intelligence (AI) on IDS, detailing deep learning approaches, ML models for anomaly detection, and feature engineering techniques. It goes beyond traditional methods to address the unique challenges of securing emerging technologies such as the Internet of Things (IoT), cloud-based networks, and blockchain. Furthermore, it delves into advanced techniques like fuzzy logic, genetic algorithms, hybrid models, and real-time IDS using big data analytics.

This indispensable guide is meticulously structured with five units and includes detailed case studies, making it an essential text for its target audience: students seeking foundational knowledge, professionals looking to upgrade their deployment strategies, and researchers exploring open challenges like adversarial ML attacks and autonomous IDS development. It serves as a definitive roadmap for enhancing network resilience against the ever-changing cyber threat landscape.

Salient Features:

- **Core IDS Fundamentals:** Explore the history, evolution, and foundational principles of IDS. Compare signature-based, anomaly-based, and hybrid models, and understand key evaluation metrics like TPR and FPR.
- **AI-Driven Detection:** Master the use of Machine Learning and Deep Learning, including CNNs and LSTMs, to enhance anomaly detection capabilities and prepare large-scale datasets for modern IDS.
- **Securing New Frontiers:** Learn to design and implement specialized IDS for emerging technologies like IoT, cloud computing, and blockchain. Focus on lightweight solutions for resource-constrained mobile and edge environments.
- **Advanced Threat Mitigation:** Investigate cutting-edge techniques such as fuzzy logic and genetic algorithms in IDS. Understand hybrid models, distributed architectures, and real-time big data analytics for large-scale networks.
- **Future Resilience & Research:** Analyze emerging threats and explore future trends like autonomous and self-healing IDS. Study the defense against adversarial ML attacks and the strategic integration with SIEM systems.
- **Real-World Application:** Apply theoretical knowledge through five detailed case studies, including enterprise deployment, advanced financial institution solutions, and securing smart city infrastructure.
- **Defense Architecture:** Clearly differentiate between the passive monitoring role of Intrusion Detection Systems (IDS) and the proactive blocking function of Intrusion Prevention Systems (IPS) in modern security.

Table Of Contents

- Introduction to Intrusion Detection Systems
- Machine Learning and Artificial Intelligence In IDS
- IDS for Emerging Technologies
- Advanced Techniques and Hybrid Models
- Future Trends and Research Challenges

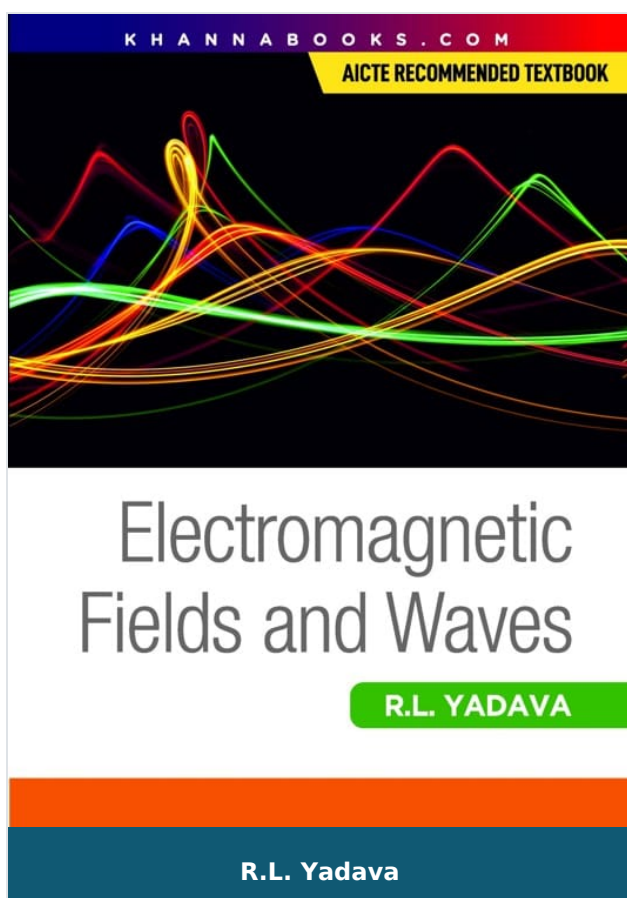
Author

Parveen A.

Parveen A. , Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology R. Nivedha, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

R. Nivedha

R. Nivedha, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology



Electromagnetic Fields & Waves

Author :	R.L. Yadava
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Pages :	416
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Publisher :	Khanna Publishing House
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Categories :	Electrical, Electronics & Communication Engineering, UNIVERSITY RECOMMENDED, Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book is designed to serve as a textbook for UG and PG students of Electronics and Communication, Electronics and Electrical, Electronics & Instrumentation and Telecommunication Engineering branches. It provides a thorough understanding of the electromagnetic theory and their properties, application and also the modern trends in Electromagnetism in detail. Book also describes transmission lines, wave guides, as well as the effects of EMI/EMC, including impedance matching and antennas. Written in an easy-to-understand manner, the book includes several illustrative examples, objective-type questions and exercise Questions to reinforce the theoretical understanding of subject. Appendices provide information and expressions as well as design data for references.

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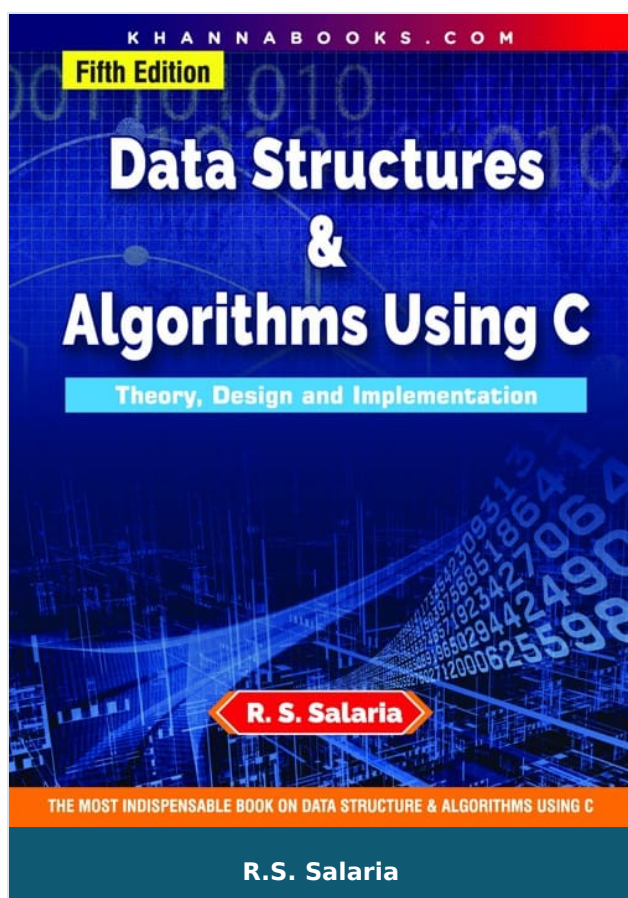
- Introduction
- Vector Analysis and Coordinate System
- Electrostatic Fields
- Magnetic Static Fields
- Maxwell's Equations and Uniform Plane Wave
- Electromagnetic Waves and Flow of Power
- Transmission Lines
- Broadband Impedance Matching
- Waveguides
- Principle of Radiation and Antennas
- Electromagnetic Interference and Compactibility
- Solved Examples
- Objective Question Bank
- Objective Questions Test Series
- References
- Appendix
- Index

Author

R.L. Yadava

Dr. R.L. YADAVA, is Professor in the department of ECE, Galgotias College of Engg. and Technology, Gr. Noida, UP During his doctoral work he was associated with R&D project funded by DST, Govt. of India. After receiving Ph.D. degree, he joined VIT University, Vellore T.N, in 2001 and served as Head of Microwave Division, Coordinator R&D and

Coordinator (UG) of Electrical Sciences. During his service at VIT, he was deputed as visiting faculty to KIGALI UNIVERSITY, KIGALI Center Africa. He has been coordinator of M.Tech programme of U.P. Technical University, 2007-08. He has organized several guest lectures, short-term training programmes, FDPs and conferences in the field of microwaves and Antennas. His research areas includes: Waveguides, Microwaves and Microstrip Antennas. He has guided several M.Tech dissertations and 05 Ph.Ds. He has 120 publication in International/ National Journals, Conferences and Symposiums. He is Member of ISTE, SEMCE (I) and IEEE.



Data Structures & Algorithms using C

Author :	R.S. Salaria
ISBN 13 :	978-93-81068-58-8
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E-ISBN 13 :	978-93-81068-58-8
Edition :	5
Pages :	552
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Language :	English
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M.R.P :	Rs 550.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Provides a comprehensive coverage of the subject, Includes numerous illustrative examples, Demonstrate the development of algorithms in a lucid manner, Demonstrate the implementation of algorithms in a good programming style, Provides challenging programming exercise to test your knowledge gained about the subject, Glossary of terms for ready reference.

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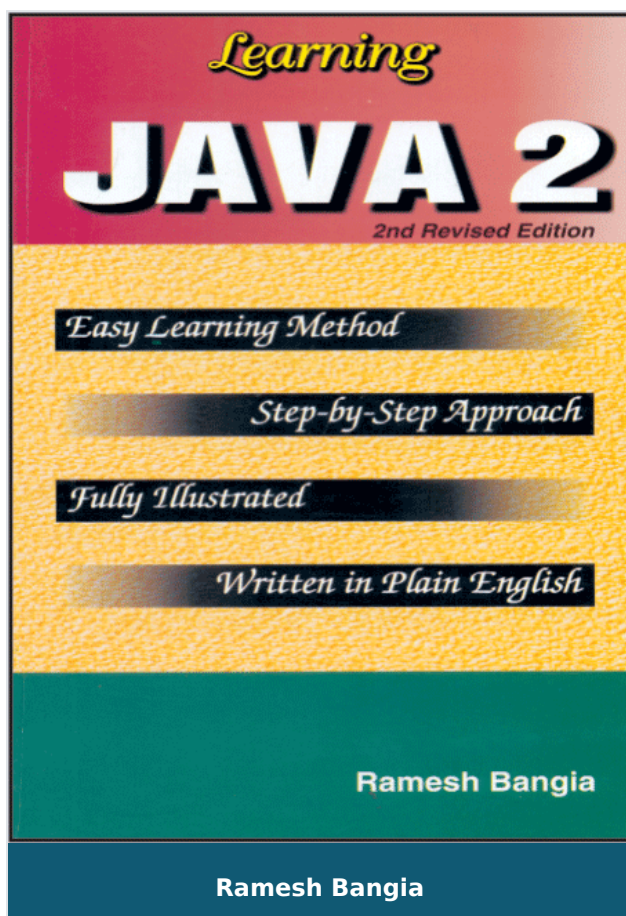
- Essentials of C Language
- Overview of Data Structures
- Program Design and Development
- Arrays & Matrices
- Strings
- Linked Lists
- Stacks
- Quacks
- Trees
- Heaps
- Graphs
- Hash Tables and Hashing
- Sorting, Searching & Merging
- Files
- Glossary
- Index

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>



Learning Java 2

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-78-2
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E-ISBN 13 :	978-81-87522-78-2
Edition :	1
Pages :	268
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. JAVA 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.

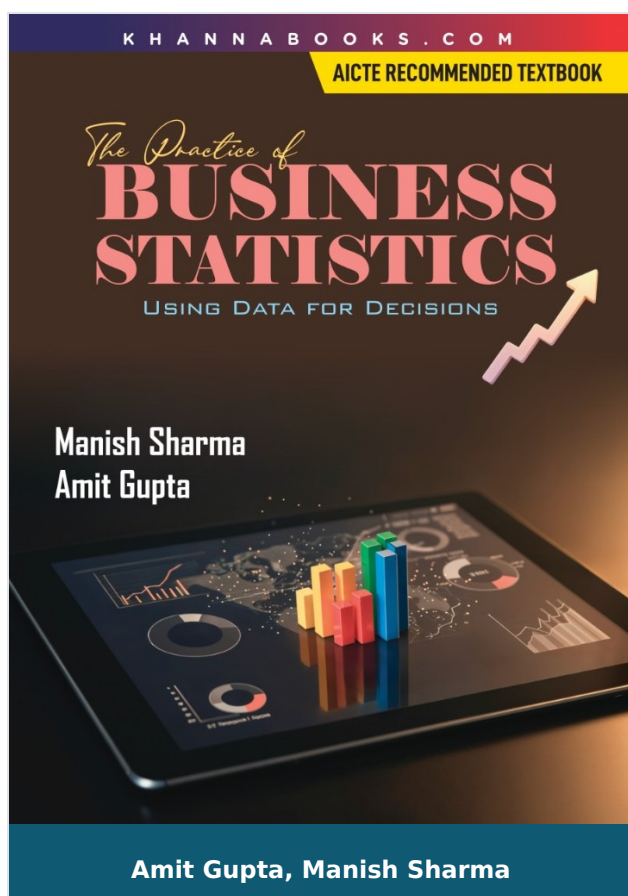
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- Introduction to JAVA
- JAVA and C++
- JAVA Programming
- Applets Programming
- Graphics using Applets
- Object Oriented Programming
- Interface Design with Swing
- What's Next
- Questions

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.



The Practice of Business Statistics

Author : Amit Gupta, Manish Sharma

ISBN 13 : 978-93-80016-51-1

ISBN 10 : 9380016514

E-ISBN 13 : 978-93-80016-51-1

Edition : 1

Pages : 840

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 650.00

Categories : [APPLIED SCIENCES & HUMANITIES, Book Store,](#)
[APPLIED SCIENCES & HUMANITIES](#)

Condition Type : New

Country Origin : India

Product Description

Easy to read & write style, Adequate example and problems based on real-life business situations, Every chapter is supported with multiple choice questions, Theoretical questions and numerical for better practice, Explanation of import concepts through various worked-out examples, The book is presented with an approach to explain the graphs have been drawn which enable students to grasp the subject in an easy way, Systematic and sequential arrangement of different topics, Rich pedagogy.

Table Of Contents

- Introduction, Meaning, Definition and Scope
- Collection of Data
- Organising Data: Classification and Tabulation
- Presentation of Data: Diagrammatic
- Presentation of Data: Graphic
- Measures of Central Tendency
- Measures of Dispersion (Variation)
- Skewness, Moments and Kurtosis
- Index Numbers
- Correlation Analysis
- Regression Analysis
- Time Series Analysis and Forecasting
- Probability and Mathematical Expectation
- Probability Theoretical Distributions
- Sampling Distributions and Estimation
- Test of Hypothesis
- CHI-Square Test
- Analysis of Variance (Anova)
- Association of Attributes
- Statistical Decision Theory (SDT)
- Statistical Quality Control (SQC)
- Appendix
- Index

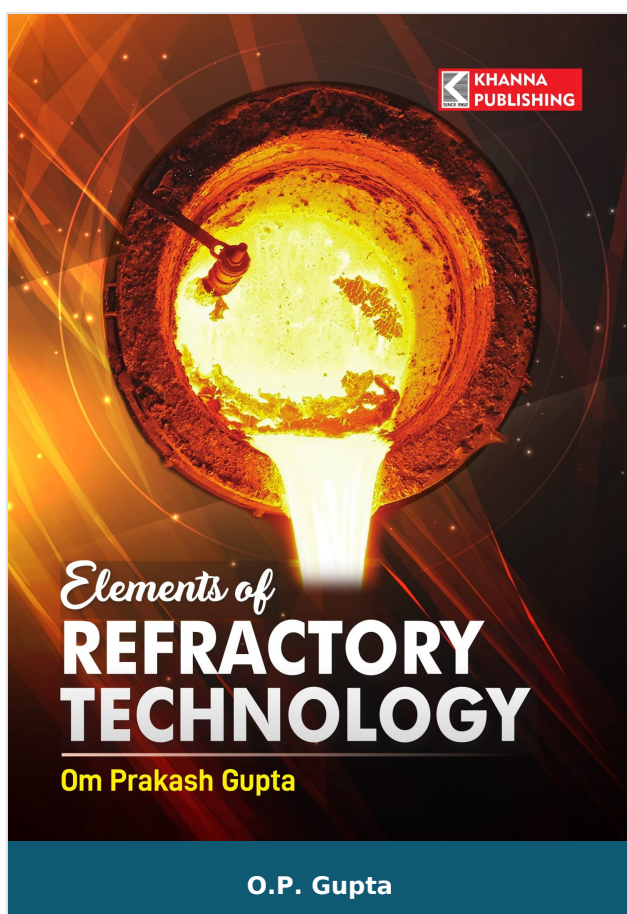
Author

Amit Gupta

Amit Gupta: Asst. professor, Determent of CS & IT, Rakshpal Bahadur Management Institute, Bareilly.

Manish Sharma

Dr. Manish Sharma : Director General, RBMI Group of Institutions, Bareilly and Greater Noida.



Elements of Refractory Technology

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

Product Description

This book describes the essential features of refractory technology and is useful for degree & diploma courses in engineering. AMIE, AMIIM and IICHE examinations. Short question & answers and multiple choice question & answers drawn from the examination paper of various engineering colleges and professional bodies examinations given at the end of the book enhances its utility for the students.

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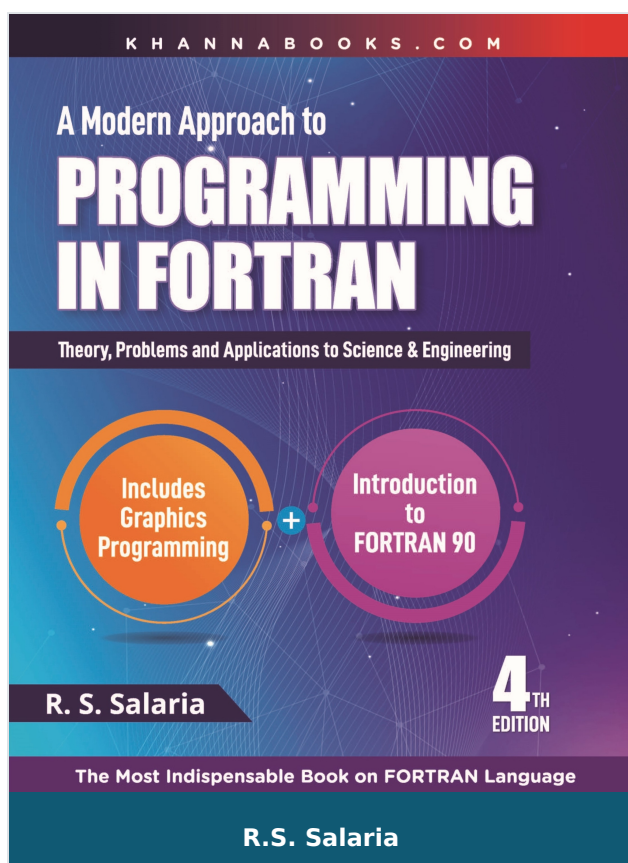
- Chapter-1: Introduction to Refractories
- Chapter-2: Manufacture, Properties and Applications of Important Refractories
- Chapter-3: Refractories used in Various Furnaces/Industries
- Chapter-4: Properties Testing of Refractory
- Chapter-5: Phase Equilibrium in Refractory materials
- Chapter-6: Insulating Refractories / Ceramic fibres
- Chapter-7: Special Refractories
- Chapter-8: Refractory - Cements/Mortars, Castables Ramming Masses
- Appendices :
- Appendix-A: Glossary of Terms (Related to Refractories)
- Appendix-B: Short Question & Answers on Refractory Technology
- Appendix-C: Multichoice Questions & Answer on 'Refractory Technology
- Appendix-D: Technical Data on Refractories
- Appendix- References/Bibliography/Further Reading

Author

O.P. Gupta

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United

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A Modern Approach to Programming in Fortran

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Product Description

This book provides a comprehensive account of the Microsoft FORTRAN 77 version 5x. It is designed to serve as a textbook for those learning the language and also as a complete reference guide for the user of FORTRAN. Introduces computers in a very simple and attractive style. illustrates the importance of problem solving and program design, illustrates the usage of various program design tools, Provides numerous programming examples, Explains graphic capabilities of the language at a greater length, Introduces FORTRAN 90. Provides ready to run programs for numerical and statistical methods.

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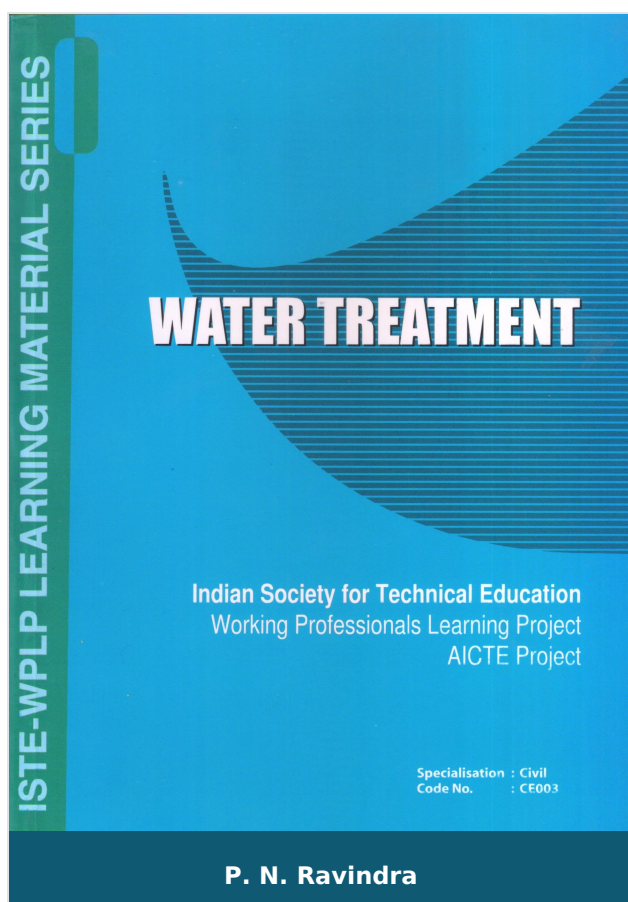
- Introduction to Computers
- Basic Programming
- Overview of FORTRAN language
- Data Types Operators & Expressions
- Handling Keyboard Input & Screen Output
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- Array
- Structures
- Functions & Subroutines
- Handling Data Files
- Working with Graphics
- Introduction to FORTRAN 90
- Selected Programs for Numerical Methods
- Selected Programs for Statistical Methods

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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>



Water Treatment

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Product Description

Water works engineers should be aware of the wider issues concerning the principles of wastewater treatment. This in turn requires not only good design engineering, but also better working knowledge of the system. In this context, this book will make a significant contribution for enhancing knowledge from basics to the advancement in the field of wastewater treatment.

This book written under working professionals learning project 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 basic 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 as update of the existing books on wastewater treatment, which includes the latest concepts and processes. This learning material will also be a useful reference book for planners, administrators, students and general readers. It will be of interest to wastewater treatment. One who reads this book systematically from chapter one will surely acquire an understanding on the concepts of wastewater treatment, including schemes of treatment.

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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.