



Software Project Management

Author : T. Anitha, Raghi K. R., S. Vignesh

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Language : English

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

Condition Type : New

Country Origin : India

Product Description

Software Project Management

Software Project Management provides a crucial integration of core management principles with the technical expertise of software engineering. As the complexity of modern software systems grows, effective management practices are more essential than ever.

This book is meticulously designed to equip both students and professionals with the knowledge and practical tools necessary to navigate the challenges of the software development lifecycle. It guides readers through the entire process, encompassing everything from initial project planning and effort estimation to continuous monitoring, risk control, and ensuring software quality.

By mastering the methodologies and techniques presented, you will learn to manage projects that are completed on time, within budget, and to the required standards of quality. The text emphasizes that successful project execution requires a balanced approach, highlighting the vital role of teamwork, leadership, and communication alongside technical expertise. Ultimately, this is the definitive resource for anyone seeking to master the art of delivering high-quality software products.

Salient Features:

- **Project Evaluation and Strategy:** Learn to categorize, evaluate, and align projects with business goals using Project Evaluation, Programme Management, and Cost-Benefit Evaluation Techniques (like ROI and NPV).
- **Estimation Mastery:** Practical coverage of Software Effort Estimation, including the Bottom-up, Top-down approach, and Parametric models such as the industry-standard COCOMO model.

- **Activity Planning:** Detailed guidance on Activity Planning, Project Schedules, and Network Planning models for sequencing and scheduling tasks.
- **Comprehensive Risk Management:** Explores a systematic framework for dealing with risk, covering Risk Identification, Assessment, Planning, and effective Risks and Counter Measures.
- **Monitoring and Control:** Techniques for creating a monitoring framework, Collecting Data, conducting Reviews, performing Earned Value Analysis, and managing Software Configuration.
- **Software Quality Assurance:** Defines and measures quality using models like ISO 9126, Product and Process Metrics, and introduces Process Capability Models (like CMMI).
- **People Management:** Essential strategies for Managing People in a software environment, including Organizational Behavior, Team Dynamics, and Stress Management,

Table Of Contents

- Introduction to Software Project Management
- Selection of Appropriate Project Approach, Effort Estimation
- Activity Planning and Risk Management
- Monitoring and Control
- Software Quality

Author

T. Anitha

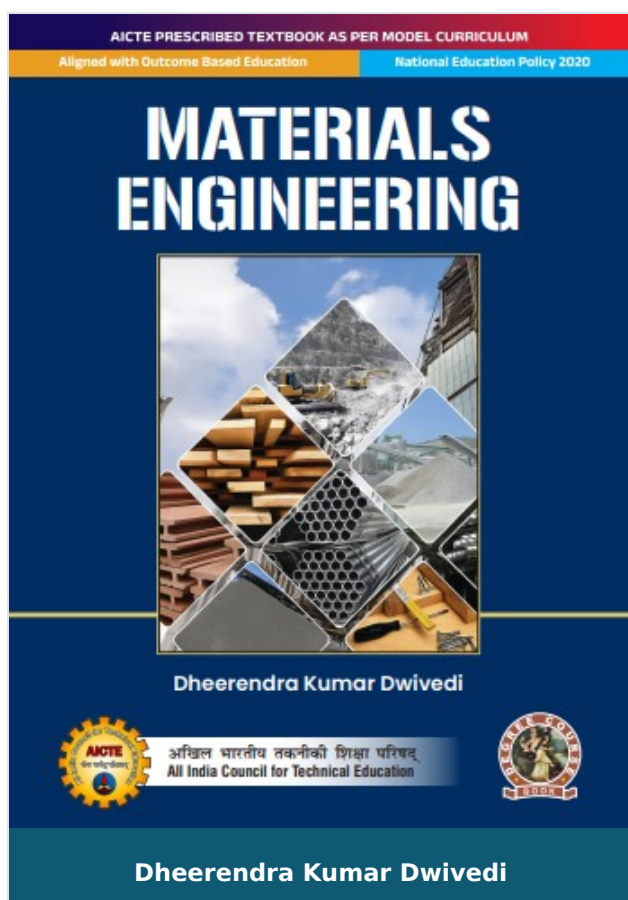
T. Anitha Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

Raghi K. R.

Raghi.K.R Subathra.G Nancy Kirupanithi

S. Vignesh

S. Vignesh



Materials Engineering

Author : Dheerendra Kumar Dwivedi

ISBN 13 : 978-93-55389-88-6

ISBN 10 : 9355389884

E-ISBN 13 : 978-93-55389-88-6

Edition : First

Pages : 316

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 598.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Materials Engineering

Materials play very important in development of efficient and reliable products, and systems leading to the improved life of society. Material affects the design and manufacturing of products and systems significantly. Therefore, it is extremely important for mechanical, production, manufacturing and material engineers to have a systematic understanding on fundamental of material science affecting microstructure and mechanical properties coupled techniques and approaches available to modify and improve properties as per need of application. The book entitled “Materials Engineering” developed as per model curriculum of AICTE for 4th semester student of subject Materials Engineering

Salient Features:

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

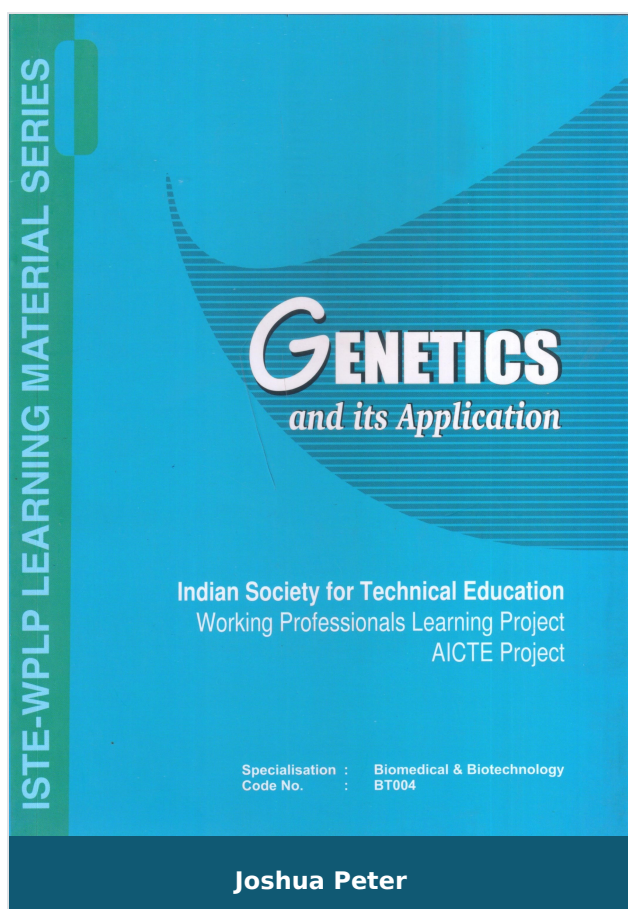
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- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- Fundamental of Material Science
- Mechanical Properties of Materials
- Theories of Failures Under Static Loading and Fatigue Behaviour
- Phase Diagram and Metallurgical Transformation
- Heat Treatment of Steel
- Common Engineering Metals: Mechanical Properties and Manufacturing
- Unit Summary
- Exercises
- Practical
- Know More
- References and Suggested Readings

Author

Dheerendra Kumar Dwivedi

Dr. Dheerendra Kumar Dwivedi Professor, Department of Mechanical and Industrial
Engineering Indian Institute of Technology Roorkee



Genetics and Its Application

Author :	Joshua Peter
ISBN 13 :	978-93-55387-95-0
ISBN 10 :	9355387954
E-ISBN 13 :	978-93-55387-95-0
Edition :	1
Pages :	444
Type of book :	Physical
Year :	2018
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 549.00
Categories :	Book Store, ISTE Series, BIOMEDICAL & BIOTECHNOLOGY
Condition Type :	New
Country Origin :	India

Product Description

The objective of this book is to provide knowledge on basics of Genetics and its application in livestock enhancement, agriculture and human health and also to know ethical aspects involved in application of genetics. Emphasis is laid on information related to various aspects of Medical Genetics for medical students, clinicians, nurses, allied professional and policy makers.

The author has covered all aspects of Genetics which can be understood by lay person because it is written in easy and simple language.

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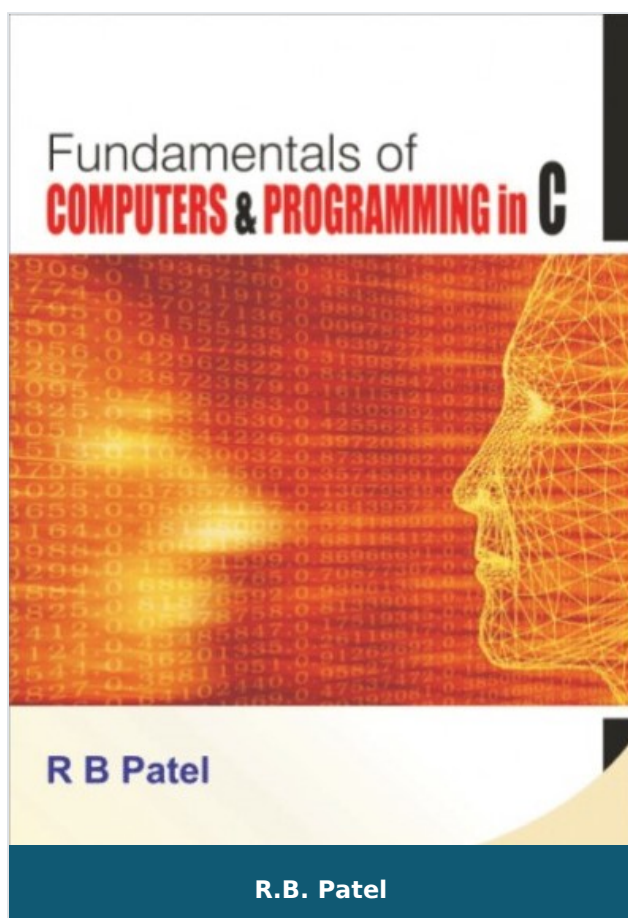
- FOREWORD
- PREFACE
- Basics of Genetics
- Mendelian Genetics
- Chromosomes
- Genetic Linkage and Chromosome Mapping
- Human Chromosomes
- Mutations
- Clinical Genetics
- Dermatoglyphics
- Genetic Testing
- Cytogenetics
- Advanced Genetic Engineering
- Inheritance of Genetic Disorders
- Chromosomal Disorders
- Genetic and Epigenetics of Human Diseases
- Genetics of Cancer
- Transgenic Plants
- genetic Engineering of Micro-Organisms of Interest to Agriculture
- Transgenic Animals
- Ecology of GM Crops- Environmental Effects
- Ethical Issues in Genetic Engineering and Transgenics
- The regulation of genetically Modified Organisms (GMOs) In India

- Crucial Cytogenetic Landmarks: Historical, Current and Upcoming

Author

Joshua Peter

Joshua Peter



Fundamentals of Computers & Programming in C

Author :	R.B. Patel
ISBN 13 :	978-81-90698-87-0
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E-ISBN 13 :	978-81-90698-87-0
Edition :	1
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book provides comprehensive exploration and detailed coverage on computer fundamentals and C programming. Offering a solid foundation in computer fundamentals to applications, this book is ideally suited to the needs of undergraduate and postgraduate engineering students. It is equally well suited for self study by technical professionals.

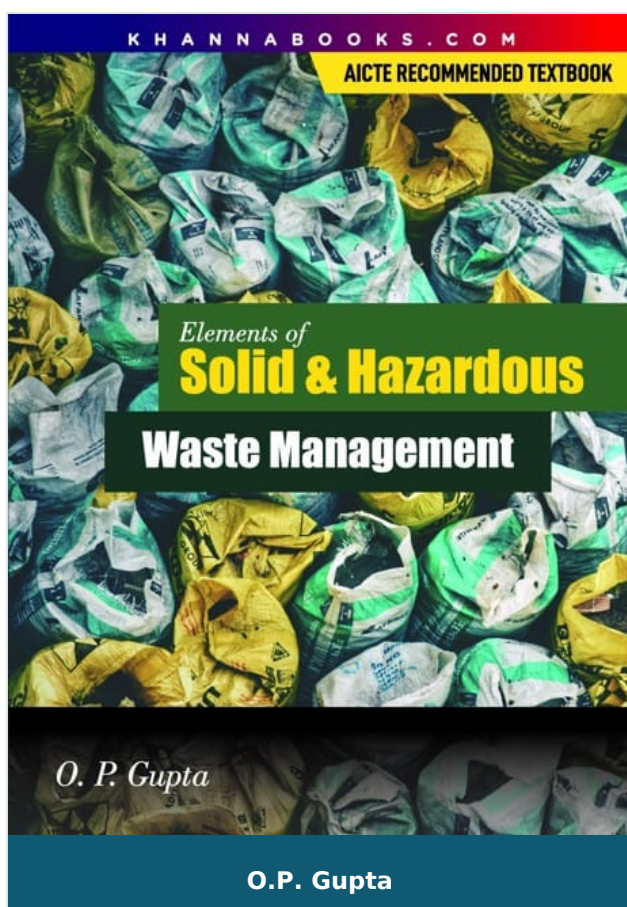
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- Computer System
- Number system
- The Operating system
- Unix Operating System
- Linux Operating System
- Disk Operating system (DOS)
- Windows Server 2003
- Data Communications and Networks
- Internet Features and Working
- E-mail
- File Transfer Protocol (FTP)
- Using the Internet
- Programming Languages
- Introduction to C
- Data Types
- Operators and Expressions
- Loops and Decisions
- Functions
- Arrays
- Pointers
- Structures and Union
- File Handling in C

Author

R.B. Patel

R.B. Patel Prof. Ram Bahadur Patel, Professor, Department of Computer Science and Engineering, Chandigarh College of Engineering and Technology, U. T. Administration Chandigarh, earlier he was Professor at NIT Uttarakhand, graduated from Madan Mohan Malaviya Engineering College Gorakhpur in Computer Engineering in the year 1991. He did M.S. from BITS Pilani in the year 1996. He obtained his Ph.D. from the Indian Institute of Technology, Roorkee in the field of Distributed Computing and PDF in Reliable Computing from Athens Greece in the year 2005. He has supervised 18 PhD thesis and 42 M. Tech. dissertation. He has 4 Patents (1 US and 3 Indian) to his credit. He has published more than 190 research paper in International/National Journals and Conferences. He has organized 7 International Conferences/Seminars. He has edited 5 Scopus indexed Journal/Proceedings of National and International publishers, viz. Springer Verlag, American Institute of Physics etc. He has authored 7 Books on Data Structures, Automata Theory, etc.



Elements of Solid & Hazardous Waste Management

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

This book describes the essential features of Solid & Hazardous Waste Management covering the following topic:

1. Introduction to Solid Waste Management.
2. Municipal Solid Waste (MSW) Management .
3. Industrial Solid Waste Management.
4. Radioactive Waste (BMW) Management.
5. e- Waste Management.
6. Integrated Solid Waste Management (ISWM).

Besides, Short question & answers and multiple-choice questions & answers drawn from the examination papers of various engineering colleges and professional bodies examination given at the end of the book enhances its utility for the students.

The book will be useful for degree, postgraduate & diploma courses in engineering, AMIE, AMIIM & AMMIICHE examinations.

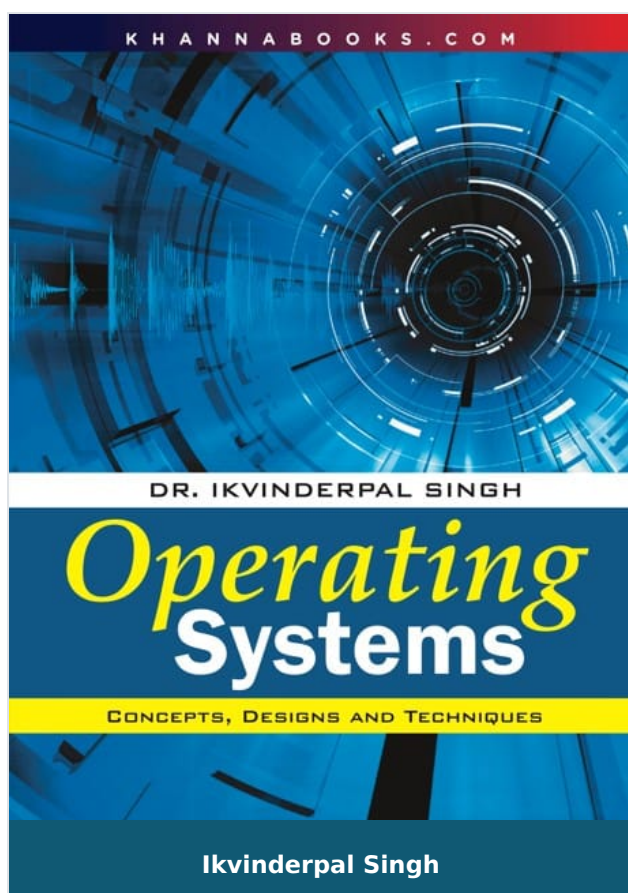
Table Of Contents

- Introduction to Solid Waste Management
- Municipal Solid Waste (MSW) Management
- Industrial Solid Waste Management
- Hazardous Waste Management
- Radioactive Waste Management
- Biomedical Waste (BMW) Management
- E- Waste Management
- Integrated Solid Waste Management
- Short Q&A on Solid Waste Management (ISWM)
- Multiple Choice Q & A in Solid Waste Management
- Glossary of Terms Related to Solid & Hazardous
- 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 Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.



Operating Systems

Author :	Ikvinderpal Singh
ISBN 13 :	978-93-81068-72-4
ISBN 10 :	9381068720
E-ISBN 13 :	978-93-81068-72-4
Edition :	1
Pages :	672
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 798.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Fundamental concepts are introduced in simple terms, Numerous examples are included to illustrate concepts and techniques. The sequence of topics is well planned to provide a seamless transition from design to implementation. With each chapter, the continuity of topics is excellent. The figures appropriately enhance and amplify the topics. Case studies are organized in a lucid manner. The exercises can be found at the end each chapter. Other sections are devoted to advanced topics, e.g. deadlock characterization, process synchronization and scheduling in multiprocessor systems, file sharing semantics, file system reliability and capabilities.

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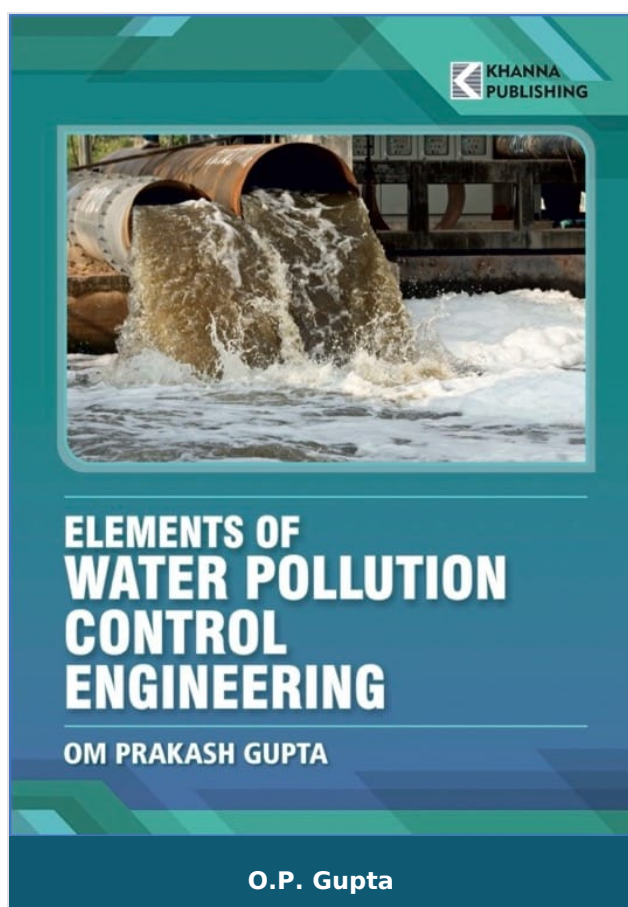
- Overview
- Computer System Structures
- Operating System Structures
- Process and Threads
- Process Scheduling
- Process Synchronization
- Deadlocks
- Memory Management
- Virtual Memory
- Input/Output and Device Management
- Disk Management
- File Management
- Protection And Security
- Distributed Systems
- Case Studies Of Unix And Windows NT

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.



Elements of Water Pollution Control Engineering

Author :	O.P. Gupta
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ISBN 10 :	9386173220
E-ISBN 13 :	978-93-86173-22-5
Edition :	First
Pages :	924
Type of book :	Physical
Year :	2019
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Civil Engineering, Environmental Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The book contains twelve chapters followed by appendices (meant for specific target reader groups) pertaining to complete domain of water pollution control engineering. Beside, it also contains two chapters devoted to short questions & answers and multiple choice questions & answers drawn from the examination papers of various engineering colleges for the benefits of the students. the book will be useful for degree & diploma curriculum or various branches of engineering and for various associate membership examinations conducted by professional bodies like Institution of Engineers (AMIE), Indian Institute of Metals (AMIIM), Indian Institute of Chemical Engineers (AMICHE), Institute of Chemist etc. It will also be equally useful for M.Sc. & B.Sc. students.

SALIENT FEATURES OF THE BOOK:

Subject matter has been presented in simple, lucid & easy to understand language.

Covers all the topics included in the syllabus of various engineering colleges/Technical Institutes & professional bodies examination papers. Short question & answers and multiple choice questions & answers drawn from the examination papers of various engineering colleges and professional bodies examinations given at the end of the book enhances its utility for students.

Up to date statistics and glossary of terms related to the subject have been included.

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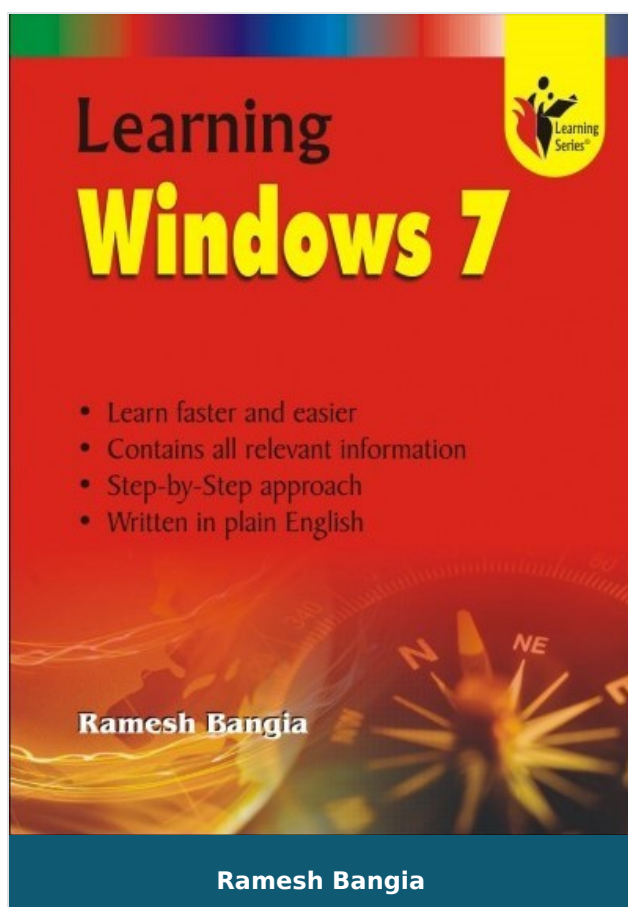
- Introduction to Water Pollution
- Characteristics and Properties of Water
- Purification of Water/Water Treatment
- Sources, Effects and Control of Water Pollution
- Waste Water/Sewage Treatment
- Industrial Waste Water and Its Treatment
- Water Quality and Standards
- Water Related Disease
- Thermal Pollution of Water
- Water Management
- Water Pollution Control Acts & Rules
- APPENDIX – A
- Appendix- B

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.



Learning Windows 7

Author :	Ramesh Bangia
ISBN 13 :	978-93-80016-59-7
ISBN 10 :	938001659X
E-ISBN 13 :	978-93-80016-59-7
Edition :	1
Pages :	188
Type of book :	Physical
Year :	2014
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Book Store, Learning Series
Condition Type :	New
Country Origin :	India

Product Description

The complete Learning Series 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. 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. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.

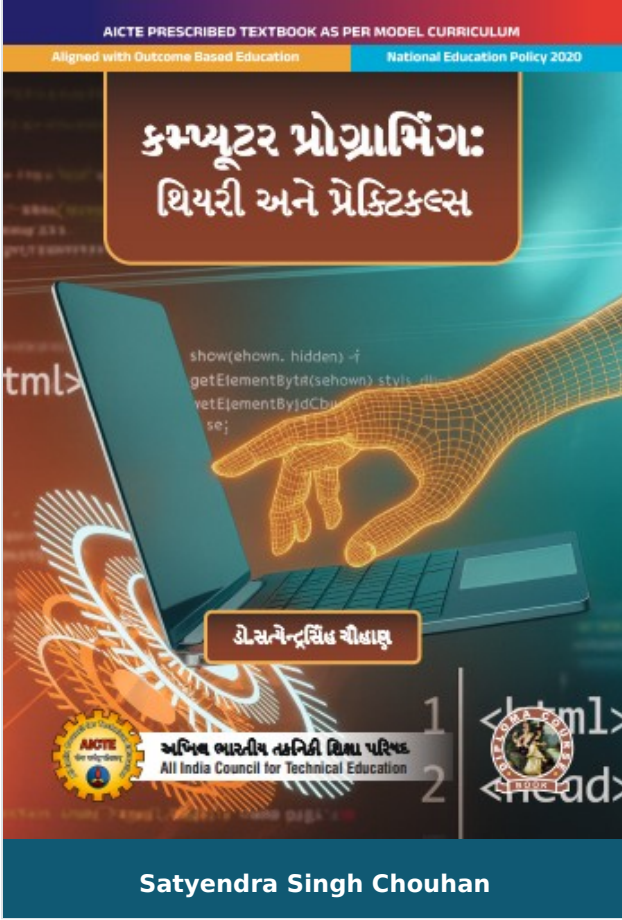
Table Of Contents

- Introduction to Windows 7
- Desktop of Windows 7
- Control Panel of Windows 7
- Accessories of Windows 7
- Configure and Maintain Your System
- Additional Commands of Windows 7
- Keyboard Shortcuts of Windows 7
- 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.



Computer Programming: Theory and Practicals

Author : Satyendra Singh Chouhan

ISBN 13 : 978-93-55384-64-5

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E-ISBN 13 : 978-93-55384-64-5

Edition : First

Pages : 256

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 398.00

Categories : [AICTE Prescribed Textbooks,](#)
[Gujarati Books, Book Store](#)

Condition Type : New

Country Origin : India

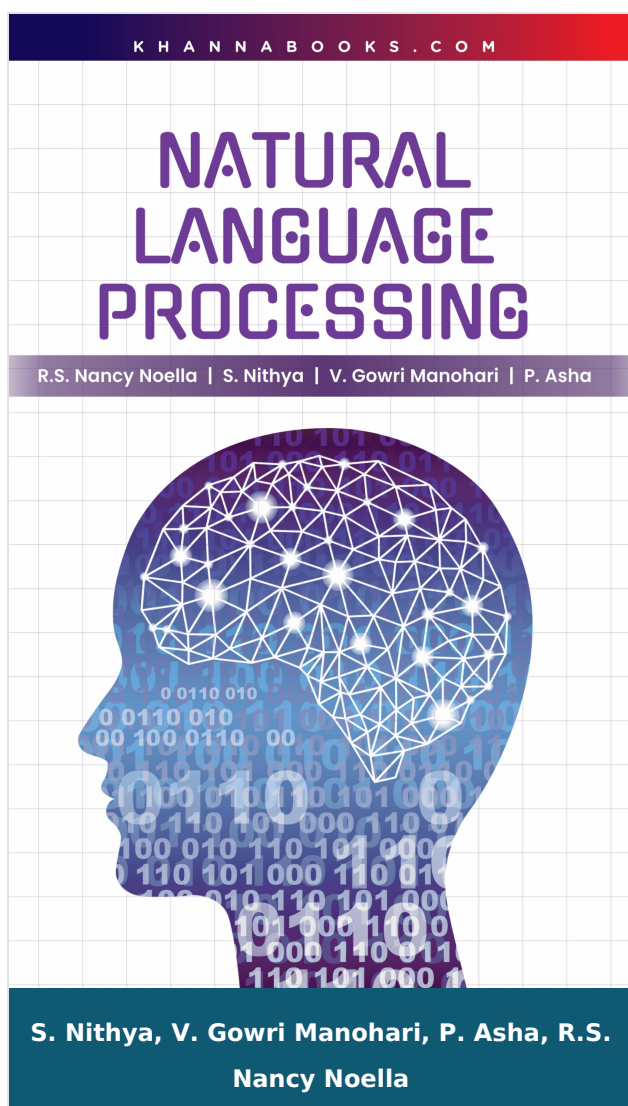
Product Description

Computer Programming: Theory and Practicals

Author

Satyendra Singh Chouhan

Dr. Satyendra Singh Chouhan Assistant Professor, Department of Computer Science and Engineering



Natural Language Processing

Author : S. Nithya, V. Gowri Manohari, P. Asha, R.S. Nancy Noella

ISBN 13 : 978-93-55384-52-2

ISBN 10 : 9355384521

E-ISBN 13 : 978-93-55384-52-2

Edition : First

Pages : 80

Type of book : Physical

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 148.00

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

Condition Type : New

Country Origin : India

Product Description

This comprehensive text is an essential guide to the rapidly evolving field of Natural Language Processing (NLP), which sits at the dynamic intersection of linguistics, computer science, and artificial intelligence. The core theme is mastering the ability for computers to understand, interpret, and generate human language, a capability that powers modern AI applications from virtual assistants and machine translation to sentiment analysis and chatbots.

Designed to be a balanced and holistic resource, the book successfully bridges the critical gap between theoretical foundations and practical implementation. It systematically covers fundamental concepts like text preprocessing, tokenization, and language modeling, ensuring readers build a strong conceptual base. The practical value lies in its commitment to demystifying complex concepts, providing readers with the necessary tools to build, optimize, and deploy robust NLP systems effectively.

The text offers in-depth coverage of state-of-the-art architectures like transformers, BERT, and GPT, complemented by practical, hands-on examples using industry-standard frameworks such as PyTorch, TensorFlow, and Hugging Face. Furthermore, it extensively covers the entire phases of NLP—from lexical and syntactic processing to semantic interpretation and discourse analysis—ensuring a thorough understanding of the whole pipeline. The primary audience for this text is students seeking foundational knowledge, researchers looking to refine their expertise, and practitioners aiming to implement real-world NLP solutions. It is an indispensable resource for anyone dedicated to exploring and innovating in this exciting and interdisciplinary domain.

Salient Features:

- **Foundational Concepts:** Provides clear explanations of core NLP techniques, including tokenization, embedding, and language modeling, covering the phases of NLP from

lexical to pragmatic analysis.

- **State-of-the-Art Models:** Includes in-depth coverage of current advancements, exploring transformer architectures, BERT, GPT, and other cutting-edge, highly efficient models for language tasks.
- **Hands-on Implementation:** Offers practical, hands-on examples using popular industry frameworks such as PyTorch, TensorFlow, and the Hugging Face library for real-world development.
- **Syntactic-Semantic Pipeline:** Explores the key NLP phases of syntactic parsing and semantic interpretation, including grammar, ambiguity resolution, and the use of Logical Forms.
- **Context and Discourse:** Dedicated coverage of World Knowledge and Discourse Structure, including knowledge representation techniques and the analysis of coherence and reference resolution.
- **Real-World Applications:** Features case studies and projects demonstrating the practical deployment of NLP in industry, covering applications like machine translation and sentiment analysis.
- **Parsing & Grammar:** Delves into advanced parsing techniques, including Probabilistic Parsing, Feature Structures, Augmented Grammars, and the Symbolic Approach to computation.

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- Introduction to NLP
- Syntactic Processing
- Semantic Interpretation
- Context and World Knowledge
- Natural Language Discourse Structure

Author

S. Nithya

S. Nithya, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

V. Gowri Manohari

V. Gowri Manohari Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

P. Asha

P. Asha

R.S. Nancy Noella

Nancy Noella R. S. S. Nithya Gowri Manohari V P. Asha