



Engineering Graphics & Design

Author : Pradeep Jain

ISBN 13 : 978-93-55381-38-5

ISBN 10 : 9355381387

E-ISBN 13 : 978-93-55381-38-5

Edition : 1

Pages : 312

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 295.00

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

Condition Type : New

Country Origin : India

Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

Salient Features:

1. Introduction of Engineering Drawing.
2. Orthographic Projection.
3. Projection of Solids.
4. Section of Solids and Development of Surfaces.
5. Isometric Projection.
6. Overview of Computer Graphics.
7. CAD Drawing.
8. Solid Modelling.
9. Team Design Project.

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- Abbreviations and Symbols
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- Guidelines for Teacher
- Guidelines for Students
- Introduction of Engineering Drawing.
- Orthographic Projection.
- Projection of Solids.
- Sectional Views of Solids.
- Isometric Projection.
- Overview of Computer Graphics.
- Customization & CAD.
- Annotation Layers and 3D Modelling.
- Projects.
- Reference
- CO and Po Attainment Table
- Index.

Author

Pradeep Jain

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.



Artificial Intelligence

Author : A. Deepa, M.P. Vaishnnave, S. Bangaru Kamatchi

ISBN 13 : 978-93-55382-36-8

ISBN 10 : 9355382367

E-ISBN 13 : 978-93-55382-36-8

Edition : First

Pages : 144

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 248.00

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

Condition Type : New

Country Origin : India

Product Description

Artificial Intelligence serves as a comprehensive and structured guide to the fundamental principles, techniques, and transformative real-world applications of AI. Recognizing AI as one of the 21st century's most essential technologies, this book is an invaluable resource for mastering the concepts required to understand and develop intelligent systems. It is meticulously designed to guide readers from foundational concepts, such as the history of AI and the nature of intelligent agents, through increasingly sophisticated methodologies.

The core themes delve into problem-solving paradigms, including uninformed and informed search strategies like A* search, Hill Climbing, and Genetic Algorithms, alongside the critical aspects of optimal decision-making in competitive environments using techniques like Alpha-Beta Pruning. A significant portion is dedicated to Knowledge Representation and Reasoning, exploring formal logic (Propositional and First-Order), Ontological Engineering, and the mechanisms of logical inference like Forward and Backward Chaining. Furthermore, the text addresses acting logically in uncertain, real-world settings by utilizing Bayesian networks and decision theory to ensure rational planning.

By integrating theoretical foundations with practical implementation examples, this book is an essential resource for students, educators, researchers, and professionals seeking to bridge the gap between academic knowledge and the creation of intelligent systems capable of solving complex, real-world challenges.

Salient Features

- **Search & Problem Solving:** Details a full spectrum of search algorithms, including uninformed (BFS, DFS) and advanced heuristic strategies like A* search, Hill Climbing, and Simulated Annealing.

- **Game Theory Insights:** Covers optimal decision-making strategies in adversarial environments, featuring comprehensive coverage of Minimax search and efficiency enhancement via Alpha-Beta Pruning.
- **Logical Reasoning:** Presents a deep dive into Knowledge Representation using First-Order Logic, Situation Calculus, and practical inference mechanisms like Forward and Backward Chaining.
- **Uncertainty Handling:** Explains Probabilistic Reasoning and Decision-Making in non-deterministic environments, focusing on the application of Bayes's rules and the semantics of Belief Networks.
- **Planning Methodologies:** Explores agent planning techniques from state-space search to Partial Order Planning (POP), offering methods for both theoretical plan representation and real-world action execution.
- **Practical Learning:** Promotes a holistic learning experience by blending theoretical depth with practical implementation through problem-solving exercises and complex real-world examples in each unit.
- **AI Applications:** Dedicates an entire unit to transformative applications like Natural Language Processing (NLP), Machine Translation, Information Retrieval, and core Robotics concepts.

Table Of Contents

- Introduction and Problems Solving
- Informed Search and Game Playing
- Knowledge and Reasoning
- Acting Logically
- AI Applications

Author

A. Deepa

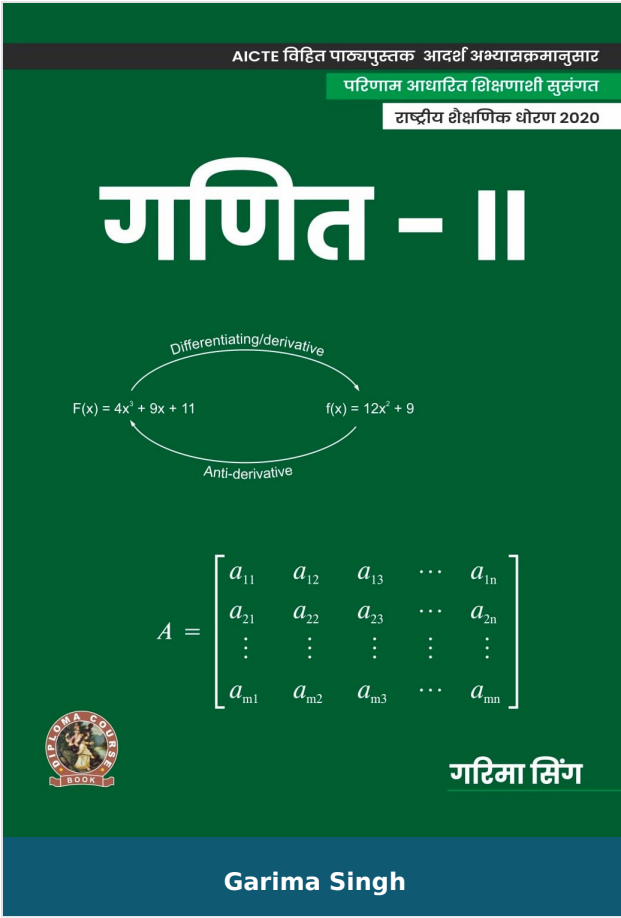
A. Deepa, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

M.P. Vaishnnave

M.P. Vaishnnave

S. Bangaru Kamatchi

S. Bangaru Kamatchi



Mathematics-II

Author :	Garima Singh
ISBN 13 :	978-93-55380-20-3
ISBN 10 :	9355380208
E-ISBN 13 :	978-93-55380-20-3
Edition :	First
Pages :	168
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“Mathematics-II” is a Compulsory paper for the first year students of Diploma engineering courses (common to all branches). Syllabus of this book is strictly aligned to the model curriculum of AICTE. And academic content is amalgamated with the concept of outcome based education. Apart from diploma it is useful for all students who are interested in basic /elementary mathematics and competitive examinations.

Book covers seven topics- Determinants, Matrices, Integral Calculus and it's applications. Co-ordinate Geometry and it's applications, vectors and it's applications, Differential equations. Basic of MATLAB.

Each topic is written in an easy and lucid manner with a holistic view. There has been deliberated attempt to keep the number of pages in the book minimum without compromising with the matter. Every chapter contains a set of exercises at the end of each unit to test the student's comprehension.

Some salient features of the book:

1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given.
2. Objective questions and subjective questions are given for practice of students after every unit.
3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes.
4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc.
5. The text has been supplemented with notes, remarks, remember sections within grey boxes.

6. Student and teacher centric subject materials are included in the book in a balanced manner.
7. Real life applications are inserted to improve clarity of this topics.
8. Know more section has been introduced which constitutes of additional information related to the topic.
9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB.
10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make .
11. Student have a glimpse of the rich Indian heritage, especially in the field of mathematics.

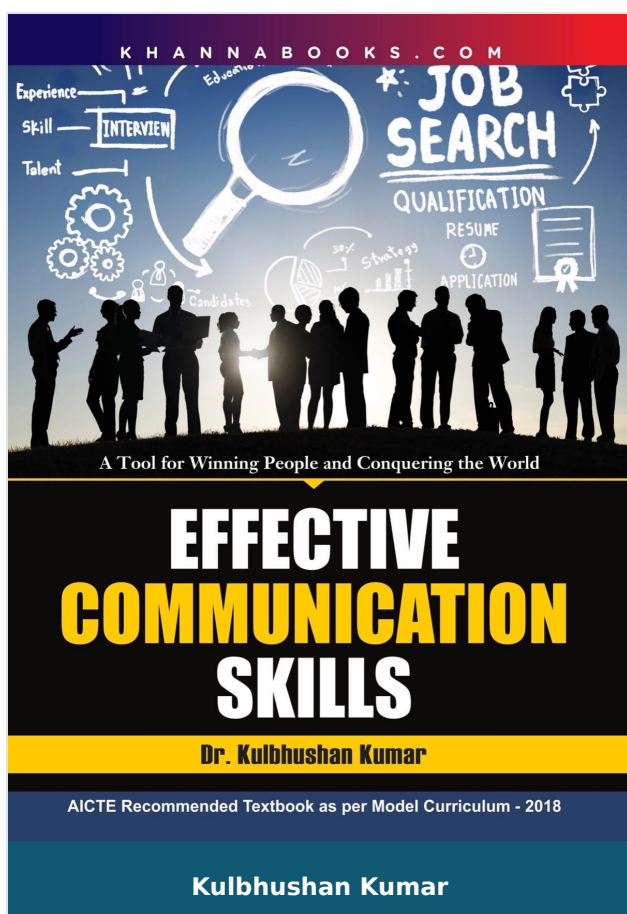
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- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Determinants and Matrices
- Integral Calculus
- Co-ordinate Geometry
- Vector Algebra
- Differential Equations
- Appendices & Annexures

Author

Garima Singh

Garima Singh



Effective Communication Skills

Author : Kulbhushan Kumar

ISBN 13 : 978-93-82609-94-0

ISBN 10 : 9382609946

E-ISBN 13 : 978-93-82609-94-0

Edition : 1

Pages : 408

Type of book : Physical

Year : 2024

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 445.00

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

Condition Type : New

Country Origin : India

Product Description

The Books in your hand is a modest attempt to discuss the kaleidoscopic nature and paramount international significance of English Language and of Communication Skills. The purpose of the book is to familiarize its readers with different aspects and genre of business communication. So, to solve the purpose, the book has been divided into fifteen chapters.

- Introduction to Communication Skills
- Types of Communication
- Listening Skills
- Speaking Skills
- Reading Skills
- Writing Skills
- Oral Presentation Skills
- Writing Business Letter
- Report, Tenders, Business Proposal,
- Memorandum
- Resume Writing
- Group Discussion
- Conducting Meetings Telephone Skills
- Grammar
- Interview Skills

The purpose of the book is empower students with the language and life skills they need to carry out their career goals. The book provides ample opportunities for students to build development and practice the language in real-life scenarios. Its integrated skills approach develops the students' self-confidence to survive and succeed in professional and social encounters within the English speaking global community. Emphasis is on developing the life skills students' need to deal with situations that they will encounter in the job market. Therefore, the book provides students with the language and life skills necessary to pursue business related career goals.

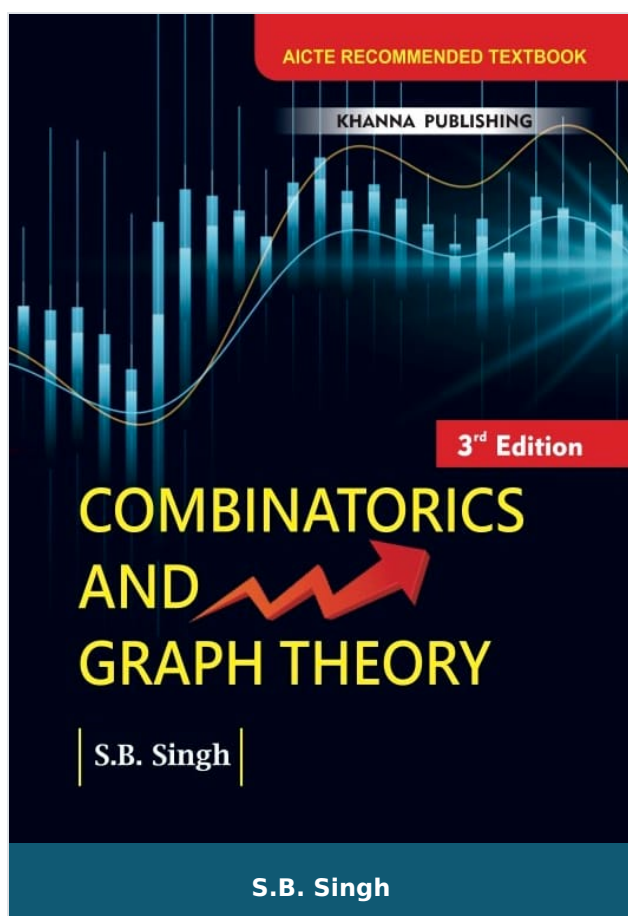
Table Of Contents

- Introduction to Communication Skills
- Types of Communication
- Listening Skills
- Speaking Skills
- Reading Skills
- Writing Skills
- Oral Presentation Skills
- Writing Business Letters
- Reports, Memos, Orders
- Resume
- Group Discussion
- Chapter-12. Conducting Meeting
- Chapter-13. Telephone Skills
- Chapter-14. Grammar
- Chapter-15. Interview Skills

Author

Kulbhushan Kumar

Kulbhushan Kumar Former Head, Department of English and Communication Studies and Former Chief Editor and Coordinator. EU Voice University Magazine, Eternal University, Baru Sahib (Himachal Pradesh).



Combinatorics and Graph Theory

Author :	S.B. Singh
ISBN 13 :	978-81-90645-10-2
ISBN 10 :	8190645102
E-ISBN 13 :	978-81-90645-10-2
Edition :	Third
Pages :	480
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 425.00
Categories :	Computer Science Engineering, UNIVERSITY RECOMMENDED, Engineering Mathematics, Book Store
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

Extremely well organized and lucidly written book. Suitable textbook for the students of B.C.A., B.Sc.,(IT), B. Tech., M.C.A., M.Sc. More than 425 worked out problems with full solution. Around 400 problems of various levels of difficulty in exercises to review the understanding and testing the skills of the students. Topics are followed by figures. In total more than 760 figures are taken to back the understanding of topics.

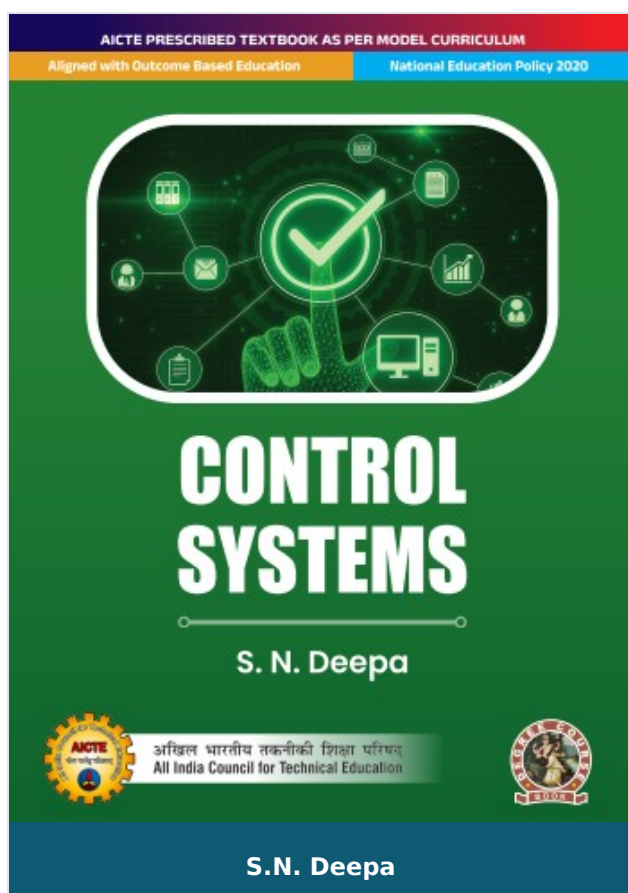
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- Combinatorics
- Graph Theory
- Trees
- Planar Graph
- Matrix Representation of Graphs
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Author

S.B. Singh

Dr. S.B. Singh is an Associate Professor in the Deptt. Of Mathematics Statistics and Computer Sc., G.B. Pant University of Agri. & Tech., Pantnagar. He has around thirteen years of teaching experience at different Engineering Colleges and University. He has authored and co-authored seven more books. he has been conferred with four national awards.



Control Systems

Author :	S.N. Deepa
ISBN 13 :	978-93-55388-72-8
ISBN 10 :	9355388721
E-ISBN 13 :	978-93-55388-72-8
Edition :	First
Pages :	652
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 899.00
Categories :	AICTE Prescribed Textbooks, English Books
Condition Type :	New
Country Origin :	India

Product Description

CONTROL SYSTEMS

CONTROL SYSTEMS is a field that empowers Engineers with Precision and Feedback Intelligence. This textbook offers an in-depth, student-friendly introduction to Control Systems, meticulously designed for fifth-semester undergraduate students of core engineering branches. Drawing from the AICTE's revised model curriculum, the book presents a balanced fusion of theory and practice. Whether you are just beginning your journey into control engineering or preparing for advanced applications in industry and research, this book provides a structured, clear, and application-oriented learning experience. With a strong emphasis on feedback systems, time and frequency domain analyses, and modern state-space methods, it equips students with the analytical approaches needed to design and evaluate control systems in real-world scenarios.

Salient Features:

- The content of the book is aligned with the mapping of Course Outcomes, Program Outcomes and Unit Outcomes.
- At the beginning of each unit, Unit Outcomes and Unit Specifics are introduced to make the student understand what is expected out of him/her after the completion of the unit.
- Student and teacher-centric course materials are included in the book in a balanced and chronological manner.
- Lots of recent information, interesting facts and quotes, inventors and contributors, historical perspective of the concepts and analogies, QR codes for e-resources are provided in the “Know More” section of the book.
- “Know More” section included in the book extends the learning beyond the syllabus of the course.

- Figures, tables and necessary diagrams are included to improve the clarity of the topics in the course.
- An overall view of the unit can be attained by the “Unit Summary” provided at the end of each unit.
- Exercise questions which include - multiple-choice questions, short and long answer type questions are included in each unit for practice of the students and to get well-versed on the topics.
- Several numerical examples are included in the book which are solved in a systematic manner and unsolved problems are provided for the students to practice.

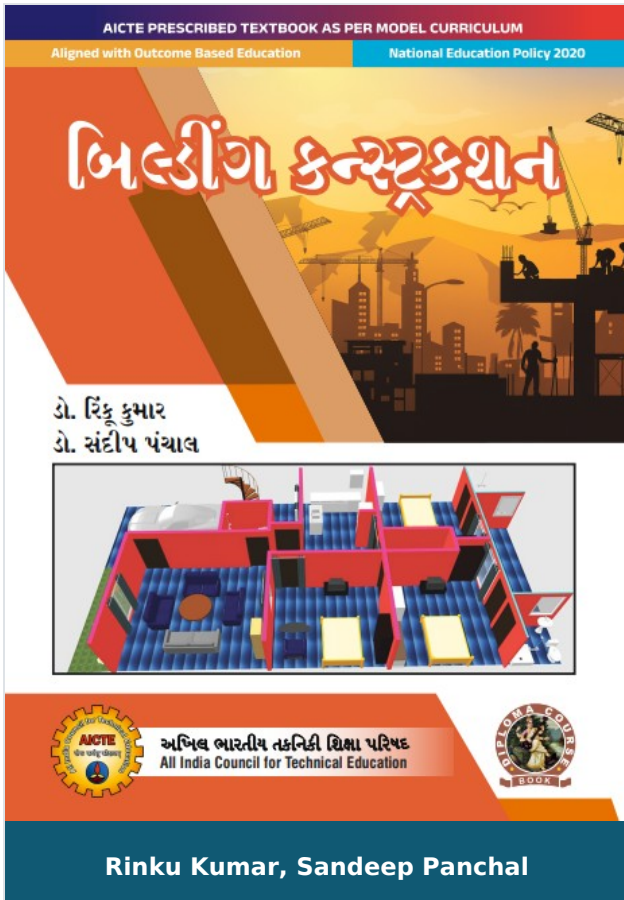
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- State variable analysis
- Introduction to optimal control and nonlinear control
- Unit summary
- Exercises
- Know more
- References and suggested readings
- Annexure
- References for further learning
- CO and PO attainment table
- Index

Author

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Building Construction

Author : Rinku Kumar, Sandeep Panchal

ISBN 13 : 978-93-55384-22-5

ISBN 10 : 935538422X

E-ISBN 13 : 978-93-55384-22-5

Edition : First

Pages : 348

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 525.00

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

Condition Type : New

Country Origin : India

Product Description

Building Construction

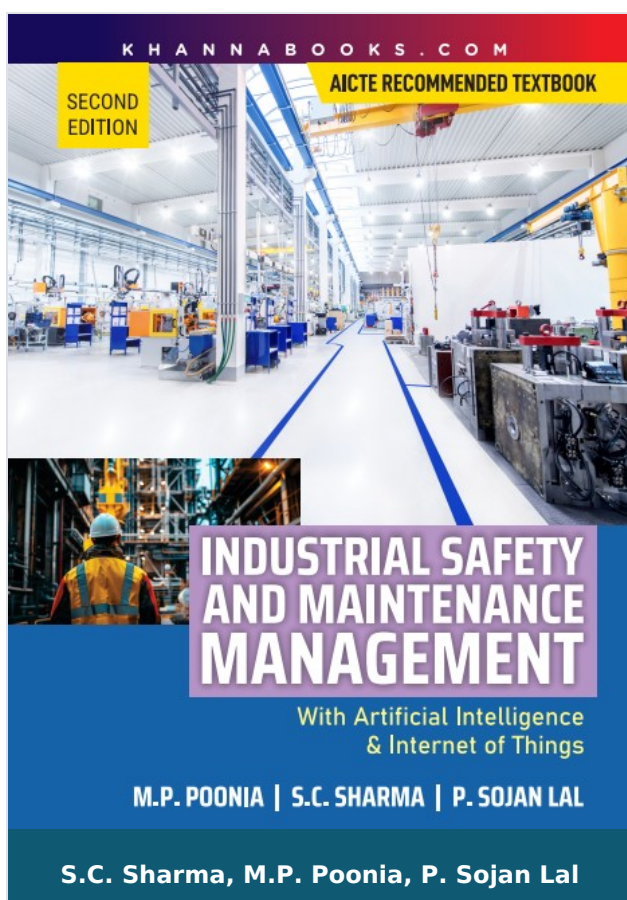
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Sandeep Panchal

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Industrial Safety and Maintenance Management (With Artificial Intelligence & Internet of Things)

Author : S.C. Sharma, M.P. Poonia, P. Sojan Lal

ISBN 13 : 978-93-55389-48-0

ISBN 10 : 9355389485

E-ISBN 13 : 978-93-55389-48-0

Edition : Second

Pages : 452

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 550.00

Categories : [Mechanical Engineering,](#)
[UNIVERSITY RECOMMENDED,](#)
[Mechanical Engineering, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

In the age of industrialization having main focus on increased production, higher productivity, stringent quality, minimizing cost etc., it has become essential to have more knowledge on industrial safety and various hazards with their remedial measures. Maintenance aspects are also gaining importance, as they have substantial impact on production, productivity, workers safety and their health and working environment. Neglect of safety in an industry at any stage. from concept to design, erection, commissioning, operation and maintenance of plant and machinery may lead to loss of life, production and money. It is hoped that this book will be very useful for the engineering student and professionals. The book covers the AICTE model curriculum and the syllabi of various other Indian university on the subject.

Table Of Contents

- PART - 1: INDUSTRIAL SAFETY
- Safety Concept
- Accidents and Their Prevention
- Accident Investigation and Reporting
- Safety Management
- She Audit and Safety Management Techniques
- Hazards
- Occupation Health and Hygiene
- Ergonomics (Human Engineering)
- Safety Performance
- Fire and Explosions
- Fire Prevention, Protection and Control
- Electrical Safety
- Common Hazards in Construction Industry
- Hazards in Industry and Safe Working Practice
- Safety in Materials Handling and Storage
- Personal Protection Equipment (PPE)
- Occupation Health and Safety Management System
- First Aid and Medical Care
- PART - 2: MAINTENANCE MANAGEMENT
- Introduction to Maintenance
- Maintenance Strategies/Types
- Reliability Engineering

- Maintenance, Availability and Failure Analysis
- Replacements Economics
- Maintenance and Repairs of Defects/Failures
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Author

S.C. Sharma

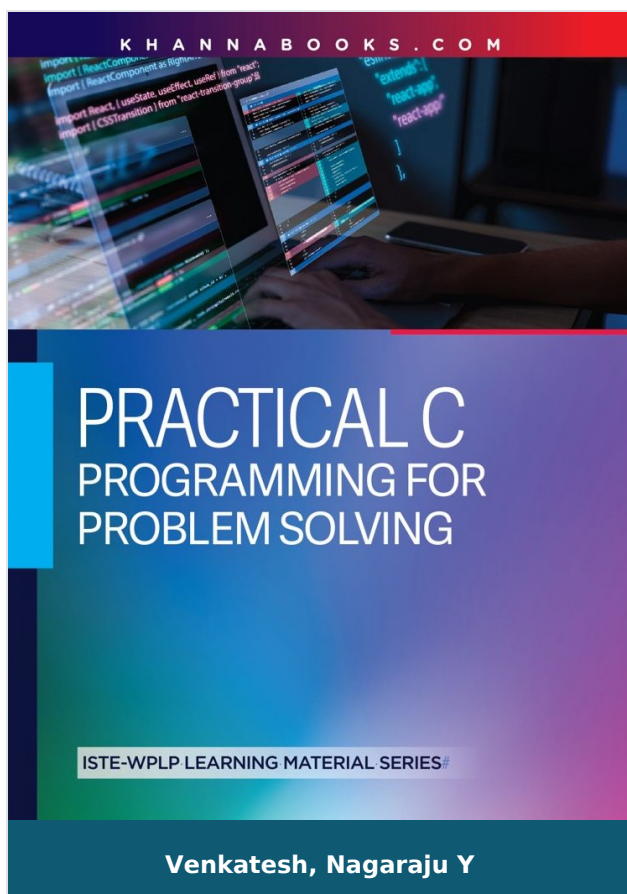
S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has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

M.P. Poonia

Dr. M.P. Poonia is presently serving as Vice Chairman, All India Council for Technical Education (AICTE). Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh. Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata). Dr. M.P.Poonia is specialized in the field of Mechanical Engineering. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 8 books with M/s. Khanna Book Publishing Company.

P. Sojan Lal

P. Sojan Lal was awarded PH. D. from Cochin University of Science and technology, kerala, India. He is Professor, department of computer science and engineering, MBITS, kerala, India and Research supervisor for PH. D. programs of University of petroleum & Energy Studies, Dehradun, India as well as school of computer science, Mahatma Gandhi University, kerala, India. He has 29 Years of academic and industrial experience with 60 publications inclusive of two technical books. His joint publications are recorded with world records India (2014) for most number of papers in several international technical journals within short duration. He has also obtained MBA from starthclyde Business School, Scotland, UK and is a fellow of the Institution of engineers (FIE-India). He was the district Operationg Board member for ASME, Middle east and Africa region. He is a member of ISTE, ASME, IEEE, CSI and engineering Council (UK). He is listed in marquis who's who in the world since 2009 as the biographical reference representing the world's most accomplished individuals.



Practical C Programming For Problem Solving

Author : Venkatesh, Nagaraju Y

ISBN 13 : 978-93-55386-74-8

ISBN 10 : 9355386748

E-ISBN 13 : 978-93-55386-74-8

Edition : 1

Pages : 400

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 540.00

Categories : [Computer Science Engineering,](#)
[Book Store, ISTE Series, Best](#)
[Sellers](#)

Condition Type : New

Country Origin : India

Product Description

The educational objective of this textbook is to introduce the fundamentals of C, its building blocks, the logic flow is to programs, and to provide a detailed explanation of C program coding.

This book is dedicated to pragmatic C programming. C is a language that makes learners feel confident while learning it. That's because C is a standardized and simple language with respect to syntax. It stands as the language of choice for hardware programming among programmers. This book emphasizes the skills required to solve real- world problems through programming. It not only offers insights into the working procedures but also delves into the fundamentals, teaching the creation of flowcharts and writing algorithms.

This book serves two general purposes. First, it acts as a manual for graduate-level students who wish to learn coding using the C programming language. Second, it serves as a guiding companion for newcomers in companies, aiding them in understanding logic flow and the art of coding. Learning C has become a prerequisite for Computer Science graduates, as the language is both simple and comprehensible. The motivation behind the writing of this book is to facilitate the process of learning C and mastering logic flow.

Table Of Contents

- Introduction to C Programming Fundamentals
- Basic Lebel C Programs
- Intermediate Lebel C Programs
- Concepts Oriented C Programs
- Sorting and Searching Algorithms
- Advanced C Programs
- Project Implementation Using C

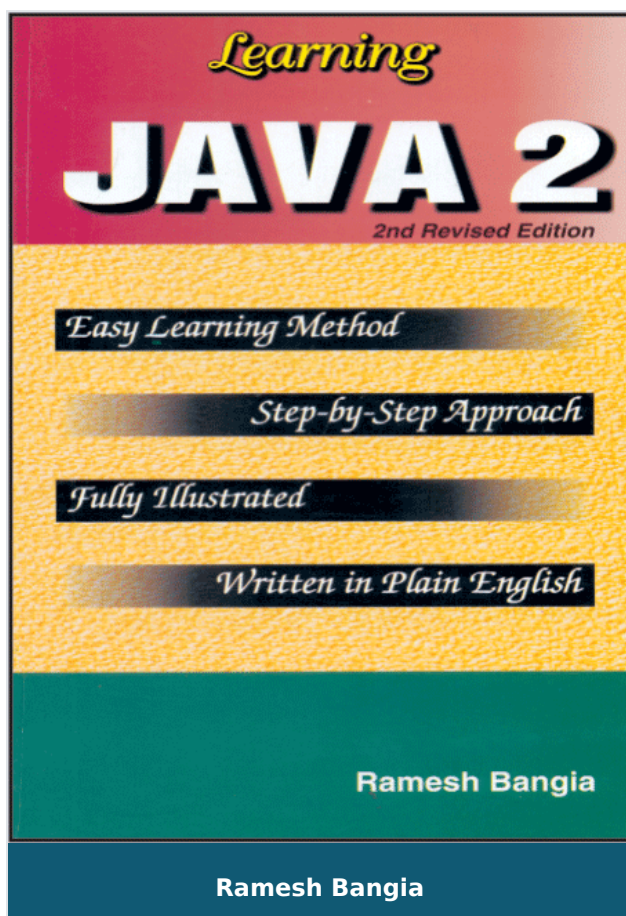
Author

Venkatesh

Venkatesh,

Nagaraju Y

Nagaraju Y



Learning Java 2

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-78-2
ISBN 10 :	818752278X
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.

Table Of Contents

- 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.