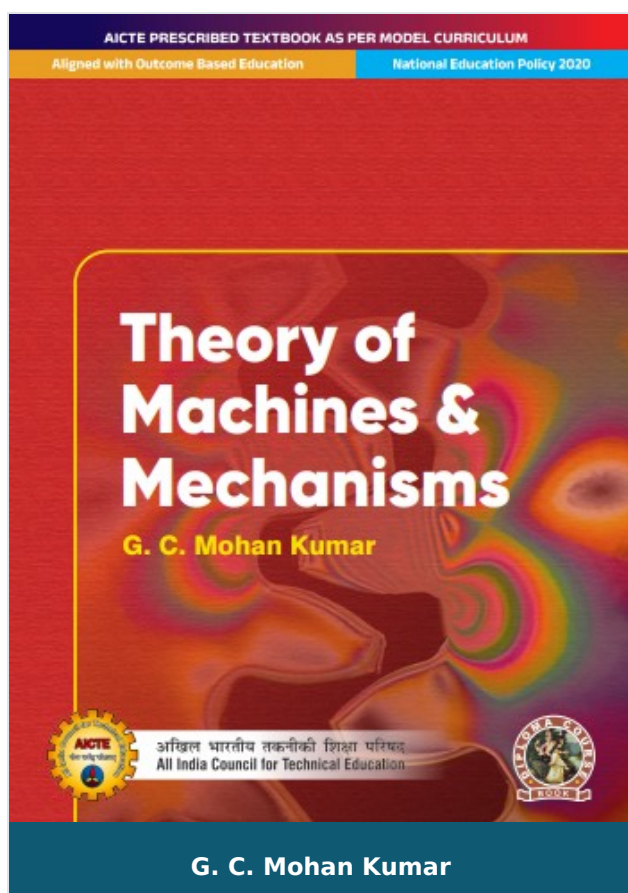




Theory of Machines & Mechanisms

Author : G. C. Mohan Kumar

ISBN 13 : 978-93-55389-74-9

ISBN 10 : 9355389744

E-ISBN 13 : 978-93-55389-74-9

Edition : First

Pages : 212

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 392.00

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

Condition Type : New

Country Origin : India

Product Description

Theory of Machines & Mechanisms

The course Theory of Machines & Mechanisms provides a basic knowledge of the principle of working of mechanical elements and explores through examples and solved problems. The course is presented in five units. Units 1 deals with the Cams and followers; Unit 2 power Transmission elements like belts, gears, and chains; Unit 3 covers flywheels and governors; Unit 4 Brakes and dynamometers; and Unit 5 deals with balancing of revolving masses and vibrations. All unit in the book gives the objectives of the study and expectations from the students in exercising OBE. The working principle of each mechanical element, derivation, and numerical problem made the reader understand the course effectively.

Salient Features:

- The content of the book is aligned with the mapping of course outcomes, programs, outcomes and unit outcomes.
- Both the student and teacher-centric subject materials are included in the book in a balanced and chronological manner.
- All figures, tables, and others are inserted to improve the clarity of the topic.
- Discussion on each unit helps the overall view of the chapter and helps in answering short questions and objective questions.
- The book provides a lot of information and QR codes for E-resources/
- Descriptions with solved numerical problems are the basics for the course design of machine Elements and, therefore, presented in a systemic way.

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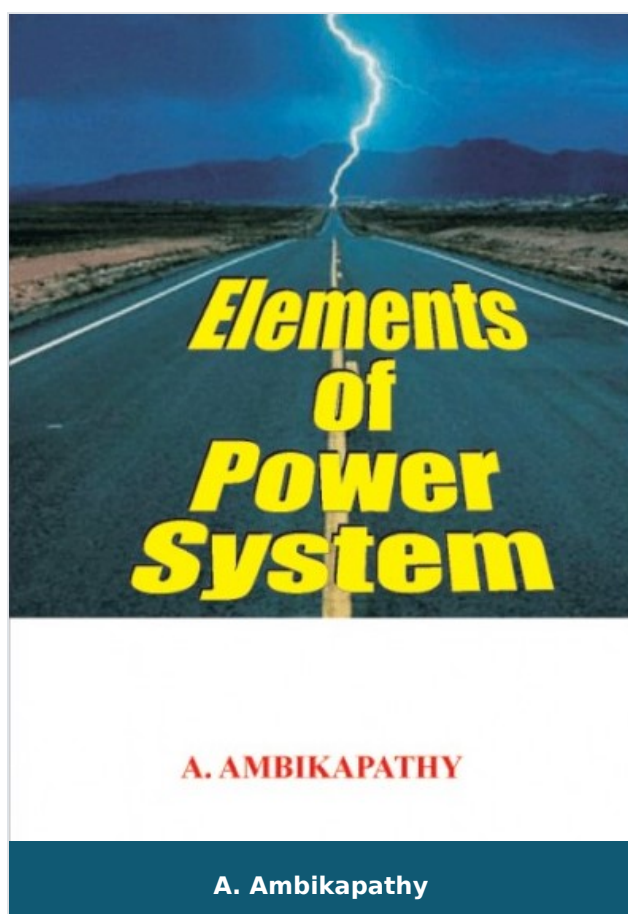
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- CAMS AND FOLLOWERS
- POWER TRANSMISSION
- FLYWHEEL AND GOVERNORS
- BRAKES, DYNAMOMETERS, CLUTCHES & BEARINGS
- BALANCING & VIBRATIONS
- Unit Summary
- Multiple Choice Questions
- Answers to Multiple Choice Questions
- Exercises
- Experiment
- Know More
- Bibliography
- References For Further Learning
- CO And PO Attainment Table

- Index

Author

G. C. Mohan Kumar

Prof. G. C. Mohan Kumar Professor (HAG), Dept. of Mechanical Engineering National
Institute of Technology Karnataka, Surathkal



Elements of Power System

Author :	A. Ambikapathy
ISBN 13 :	978-93-80016-93-1
ISBN 10 :	938001693X
E-ISBN 13 :	978-93-80016-93-1
Edition :	1
Pages :	260
Type of book :	Physical
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The textbook on "Elements of Power System" tell about the basic concepts of power system in a detailed manner. This book contains the brief explanation string and their efficiency and sag calculations. All the concepts are explained in a easy way so that students can understand them well. The clear information's are given about the construction of cables and insulators in detail with neat diagram.

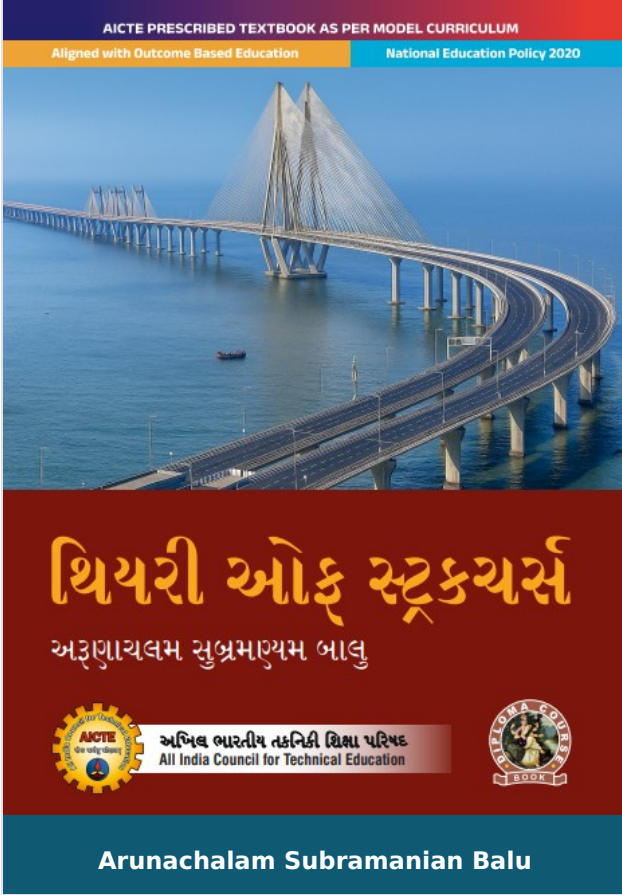
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- Power System Components
- Overhead Transmission Lines
- Corona Interference
- Mechanical Design of Transmission Line
- Neutral Grounding
- Question and Answers
- Review Questions

Author

A. Ambikapathy

A. Ambikapathy currently working as an assistant professor in " Galgotia Colege of Engineering and Technology " holds M. Tech degree. She has presented five papers in national level conferences. She worked under three different universities and having ten years of teaching experience.



Theory of Structures

Author : Arunachalam Subramanian Balu

ISBN 13 : 978-93-55386-48-9

ISBN 10 : 9355386486

E-ISBN 13 : 978-93-55386-48-9

Edition : First

Pages : 328

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 498.00

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

Condition Type : New

Country Origin : India

Product Description

Theory of Structures

Theory of structures is a basic core course developed for understanding the behaviour of structures. The presentation of physical principles founded in the field of mechanics can be used for understanding the behaviour of structures, which is the prerequisite for designing any structures. This book aims to help students in developing ability to analyze structures in a simple and logical manner. The contents are divided into five units as required for the students of diploma in civil engineering. The main contents of this book are aligned with the model curriculum of AICTE followed by the concept of Outcome based Education as National Education Policy (NEP)2020.

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.

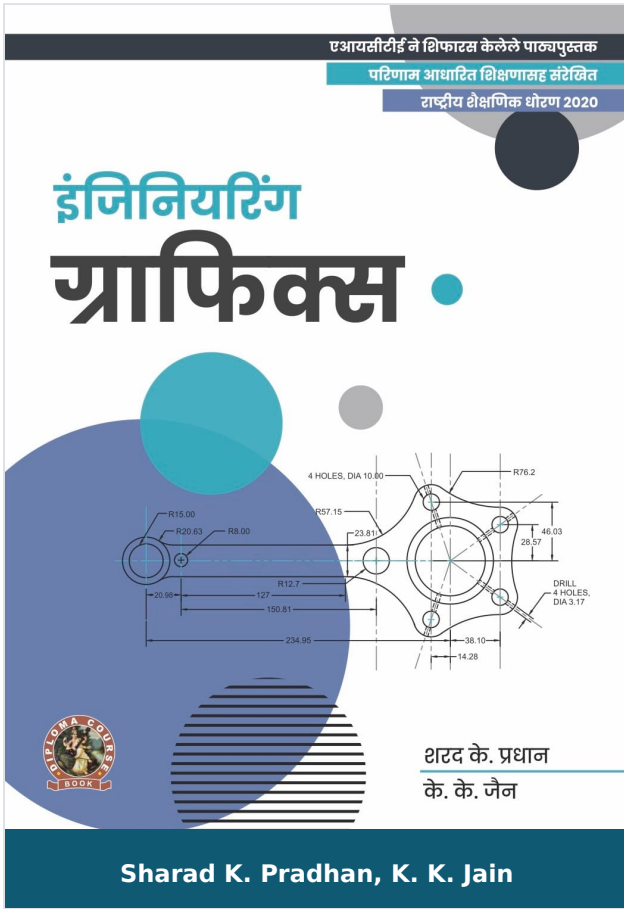
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- Guidelines for Students
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- Fixed and Continuous Beams
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- Simple Trusses
- Appendices
- References for Further Learning
- CO and PO Attainment Table
- Index

Author

Arunachalam Subramanian Balu

Dr. Arunachalam Subramanian Balu Associate Professor, Department of Civil Engineering,
National Institute of Technology, Karnataka, Surathkal, Mangalore, Karnataka



Engineering Graphics

Author :	Sharad K. Pradhan, K. K. Jain
ISBN 13 :	978-93-55380-04-3
ISBN 10 :	9355380046
E-ISBN 13 :	978-93-55380-04-3
Edition :	First
Pages :	284
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, APPLIED SCIENCES & HUMANITIES
Condition Type :	New
Country Origin :	India

Product Description

“ Engineering Graphics” is a compulsory paper for the first year Diploma course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education.

Book covers six topics- Basic Elements of drawing , Orthographic Projections, Isometric Projections, Free Hand Sketcher of Engineering Elements, Computer Aided Drafting Interface, Computer Aided Drafting. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test the student's comprehension.

Some salient features of the book:

1. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. 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.
3. Book provides lots of recent information, interesting facts, Codes for E-resources, QR Code for use of ICT, projects, group discussion etc.
4. Student and teacher centric subject materials included in book with balanced and chronological manner.
5. Figures, tables and software screen shots are inserted to improve clarity of the topics.
6. Apart from essential information a 'Know More' section is also provided in each unit to extend the learning beyond syllabus.
7. Short questions, objective questions and long answer exercises are given for practice of students after every chapter.

8. Solved and unsolved problems including numerical examples are solved with systematic step.

Table Of Contents

- Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and Symbols, List of Figures, List of tables Guidelines for Teachers, Guidelines for Students
- Basic Elements of Drawing
- Orthographic Projections
- Isometric Projections
- Free Hand Sketches of Engineering Elements
- Computer Aided Drafting Interface
- Computer Aided Drafting.

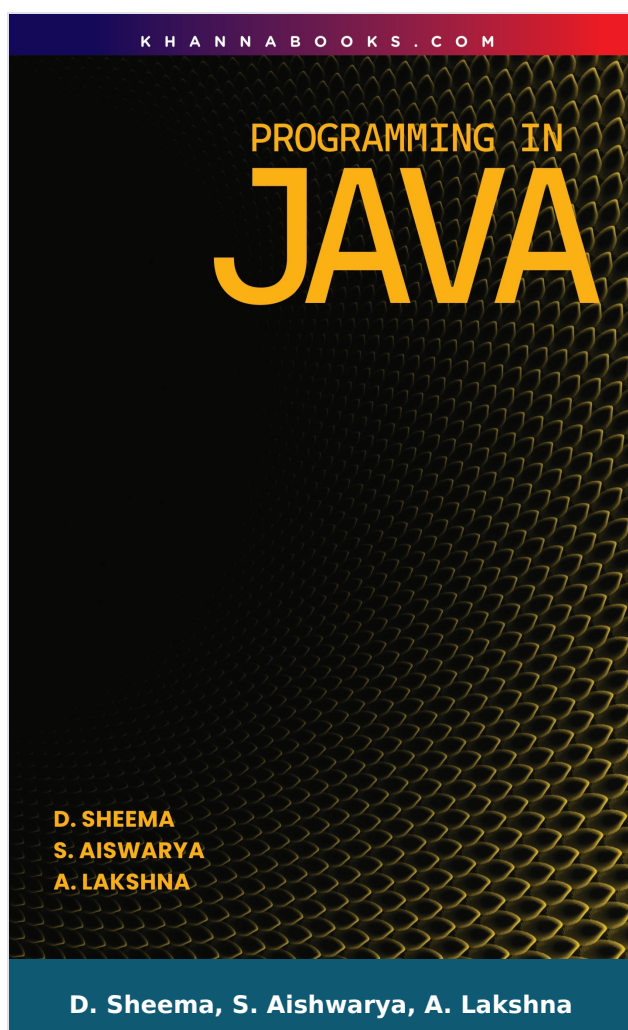
Author

Sharad K. Pradhan

Sharad K. Pradhan

K. K. Jain

K. K. Jain



Programming in Java

Author :	D. Sheema, S. Aishwarya, A. Lakshna
ISBN 13 :	978-93-55389-12-1
ISBN 10 :	9355389124
E-ISBN 13 :	978-93-55389-12-1
Edition :	First
Pages :	148
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	Computer Science Engineering, New Arrivals, Book Store, Sathyabama Series
Condition Type :	New
Country Origin :	India

Product Description

This book is your complete resource for learning Programming in Java. Designed for both students and aspiring developers, it offers a robust and comprehensive path to mastering the Java language. You will start by building a strong foundation in Java basics, including the concepts of the Java Virtual Machine (JVM) and bytecode that enable its famous platform independence. The book then systematically covers the core principles of Object-Oriented Programming (OOP), such as inheritance, polymorphism, and encapsulation. By progressing to advanced topics like exception handling, I/O programming, Collections, and database connectivity (JDBC), you will gain the skills necessary to develop secure, high-performance applications.

Salient Features:

- **Foundation to Advanced:** Provides a clear, step-by-step learning curve, covering all topics from Java basics, data types, and tokens to enterprise technologies like JDBC, Servlets, and JSP.
- **Write Once, Run Anywhere:** Detailed explanation of the Java Virtual Machine (JVM) and Bytecode, highlighting the language's key feature of platform independence (WORA).
- **Object-Oriented Mastery:** In-depth coverage of OOP concepts including Classes, Objects, Inheritance, Method Overloading, and Method Overriding, with clear code examples.
- **Focus on Robustness and Security:** Emphasis on Java's built-in features for early error checking, runtime safety, and security mechanisms to protect applications.
- **Practical Learning:** Includes real-world examples and step-by-step instructions for setting up the Java Development Kit (JDK) and compiling and running your first programs.
- **Key Programming Constructs:** Thorough discussions on essential structures like Java Tokens, Access Modifiers, Operators, Control Flow Statements, and Exception Handling for writing efficient code.

Table Of Contents

- Java Basics
- Object Oriented Programming
- Packages, Interfaces and Threads
- File Streams and Collections Framework
- GUI Programming, Database Connectivity, Server-Side Programming

Author

D. Sheema

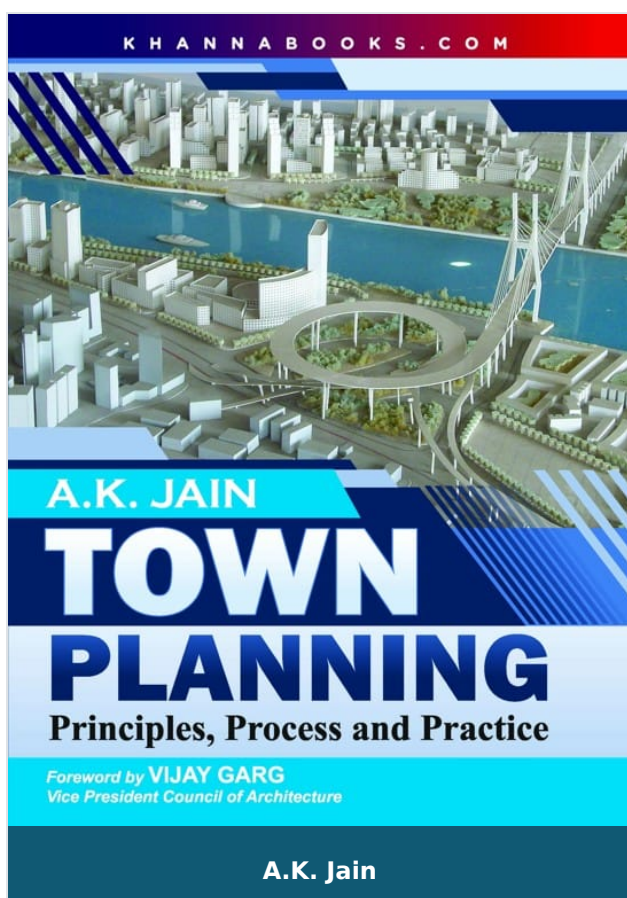
Sheema D. Aiswarya S. A. Lakshna

S. Aishwarya

Sheema D. Aiswarya S. A. Lakshna

A. Lakshna

A. Lakshna



Town Planning

Author :	A.K. Jain
ISBN 13 :	978-93-86173-40-9
ISBN 10 :	9386173409
E-ISBN 13 :	978-93-86173-40-9
Edition :	First
Pages :	584
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 550.00
Categories :	Architecture Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

India's 7936 cities and town with 377 million urban population provide 60 per cent of the GDP and 70 per cent of the jobs. However, the lack of planning has resulted in unplanned growth with slums, poor urban infrastructure services, housing, transport and environment. To meet these challenges, it is necessary to understand the history, principles, concepts and process of town planning, As an interdisciplinary subject, town planning synthesis the social, cultural, economic, technical, legal, environmental and institutional dimensions.

The book 'Town Planning-Principles, Process and Practice' provide a pathway for planned urban development, which aligns with the socio-economic, environmental and technological changes, Written in a simple language with about 380 illustrations, the book is a knowledge bank for the students of planning, architecture and engineering.

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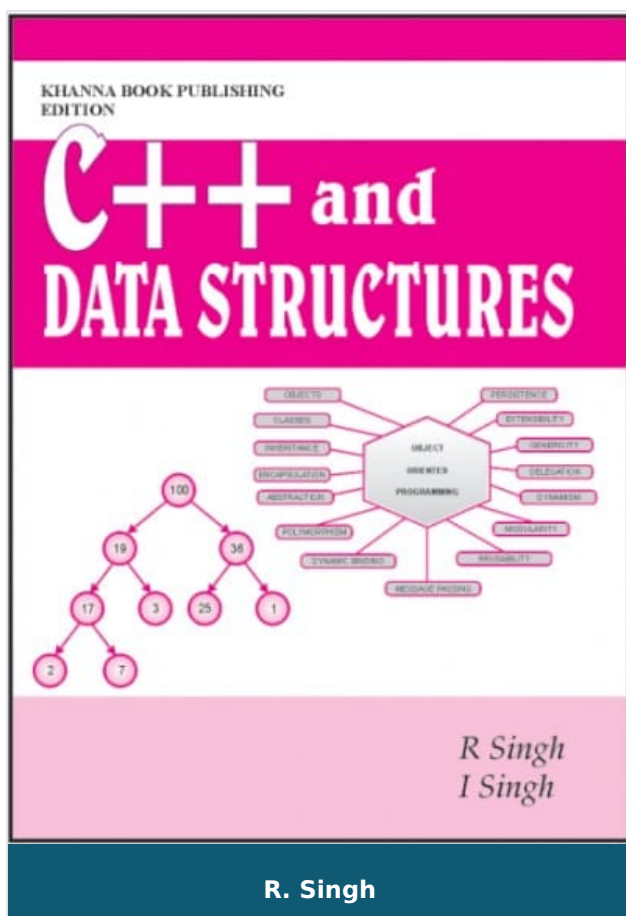
- Chapter-1: Introduction: Town Planning and urban Challenges
- Chapter-2: Evolution of Town Planning
- Chapter-3: Town Planning Surveys, mapping and Analysis
- Chapter-4: Towards a New Planning Framework
- Chapter-5: Planning policy and process
- Chapter-6: Town Planning and Social Infrastructure
- Chapter-7: Zoning Regulations Development/Building Controls
- Chapter-8: Infrastructure Development and Management
- Chapter-9: Urban Transport
- Chapter-10: Housing For All
- Chapter-11: Towards a new land Policy
- Chapter-12: Planning a Safer and Resilient City
- Chapter-13: Village planning
- Chapter-14: Legal Framework for town Planning

Author

A.K. Jain

A.K. Jain, as Commissioner (Planning) Delhi Development Authority worked on the Master Plan for Delhi-2021, National Urban Housing and Habital Policy, National Urban Transport Policy and various urban projects. He was a member of the Committee Constituted by the Ministry of Urban Development, GOI to review the statute of the Delhi Development Authority vis-a-vis the changing urban scenario and new policy initiatives. As a member of editorial Board of International Journal of Environmental Studies (UK) and is author of several books on urban development and management. He is visiting faculty at Delhi

School of Planning and Architecture and other Institutes. He was awarded 2nd Urban Professional Award 2014 at World Urban Forum in Medellin, Colombia in recognition of being an exemplary city changer. Union Minister for Urban Development honoured him with IBC Lifetime Achievement Award (2016).



C++ and Data Structures

Author :	R. Singh
ISBN 13 :	978-93-80016-79-5
ISBN 10 :	9380016794
E-ISBN 13 :	978-93-80016-79-5
Edition :	1
Pages :	1286
Type of book :	Physical
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of C++ and data structures. Its approach is explanatory and language is lucid and communicable. Each and every concept described with the help of its pictorial representation, examples, and solved programming to have clear ideas. Each chapter contains programming problems, objective type questions, and exercises.

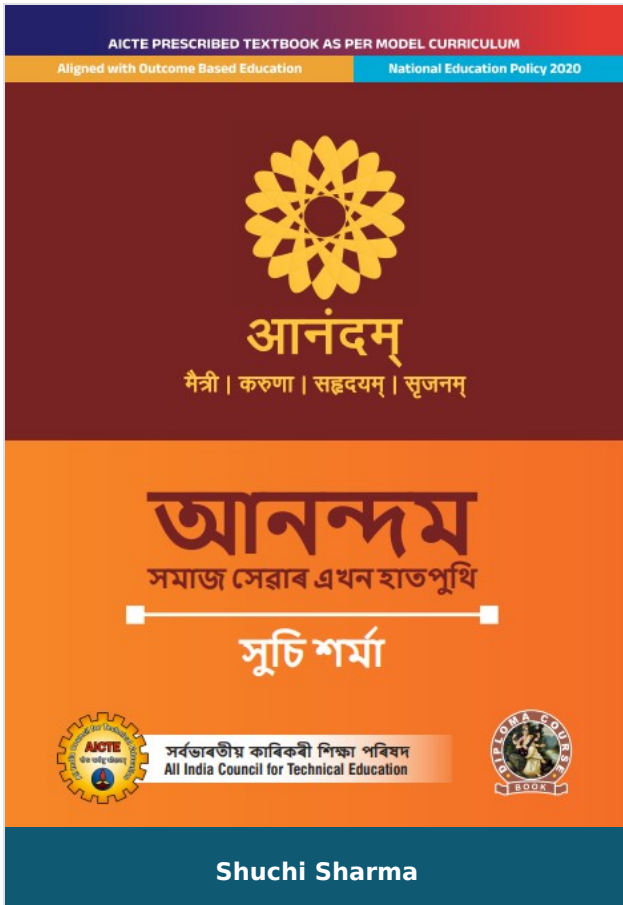
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- Getting Started With C++
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- More About Classes
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- Exploring Special Functions
- Introduction to Data Structures
- String Processing
- Algorithm Design and Complexity
- Arrays, Pointers and Records
- Linked Lists
- Stacks
- Queues
- Sorting and Searching Techniques

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. "



Aanandam An Act of Community Service

Author : Shuchi Sharma

ISBN 13 : 978-93-55388-33-9

ISBN 10 : 9355388330

E-ISBN 13 : 978-93-55388-33-9

Edition : First

Pages : 104

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 198.00

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

Condition Type : New

Country Origin : India

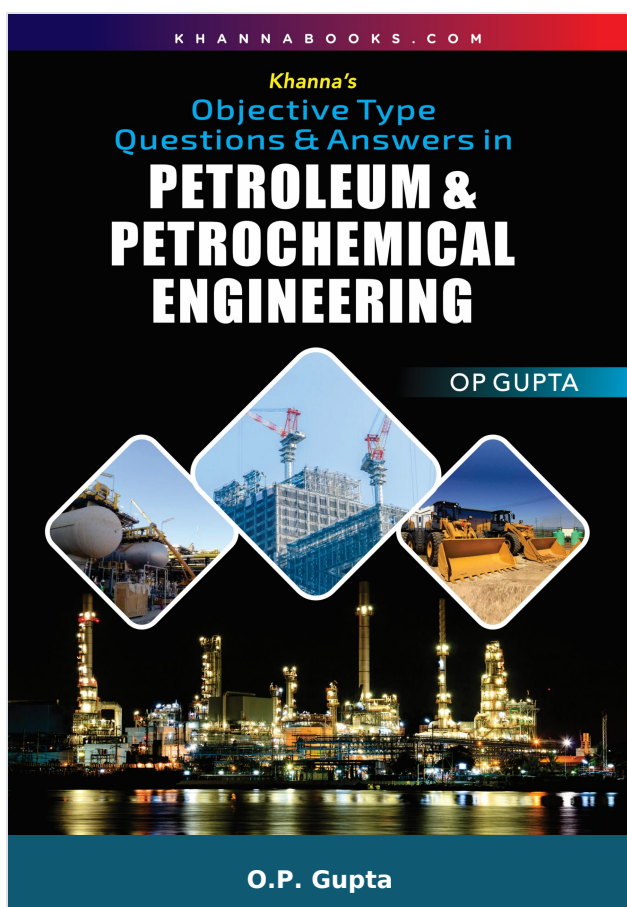
Product Description

Aanandam An Act of Community Service

Author

Shuchi Sharma

Dr. Shuchi Sharma, IAS (retd) Former Secretary Higher, Technical & Sanskrit Education,
Government of Rajasthan



Khanna's Objective Type Questions & Answers in Petroleum & Petrochemical Engineering

Author :	O.P. Gupta
ISBN 13 :	978-93-74543-20-7
ISBN 10 :	9374543206
E-ISBN 13 :	978-93-74543-20-7
Edition :	First
Pages :	256
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	Chemical Engineering, OBJECTIVE TYPE BOOKS, New Arrivals, 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

Objective Type Questions and Answers in Petroleum & Petrochemical Engineering is a comprehensive academic resource designed to provide a deep and structured understanding of the oil and gas industry. Authored by Om Prakash Gupta, a seasoned expert with extensive industrial experience at Bokaro Steel Plant, this book serves as an essential guide for mastering the technical nuances of petroleum refining and petrochemical manufacturing. Its core theme revolves around bridging the gap between theoretical engineering principles and their practical applications in the energy sector.

The book is meticulously divided into two primary sections: Petroleum Engineering and Petrochemical Engineering. Each part features a rich repository of objective-type questions, detailed short-answer explanations, and a specialized glossary of terms to ensure a holistic learning experience. By covering critical topics such as crude oil properties, refining processes like cracking and reforming, and the synthesis of polymers and elastomers, the text provides the practical value needed to excel in both academic and professional environments.

Salient Features

- **Dual-Domain Coverage:** The text provides a balanced and exhaustive exploration of both Petroleum and Petrochemical Engineering, ensuring students gain expertise in the entire hydrocarbon value chain.
- **Examination-Oriented Design:** Prepared in strict accordance with the latest academic and professional syllabi, making it a perfect companion for AMIE, AMIICHE, and university-level competitive exams.
- **Extensive Question Bank:** Includes a vast collection of objective-type questions with detailed answers, designed to test and reinforce the reader's grasp of fundamental and advanced engineering concepts.

- **Detailed Conceptual Explanations:** Features structured short-answer questions that delve into the "why" and "how" behind industrial processes, such as catalytic hydrotreating and solvent dewaxing.
- **Comprehensive Technical Glossaries:** Each section concludes with a dedicated glossary of related terms, providing quick-reference definitions for essential industry terminology and jargon.
- **Focus on Modern Refining:** Covers cutting-edge industrial processes including catalytic reforming, alkylation, and the production of specialized fuels like Aviation Turbine Fuel (ATF).
- **Industrial Process Insights:** Provides practical knowledge on refinery operations, from the detection of petroleum deposits to the final blending of hydrocarbons and chemical additives.
- **Polymer Science Integration:** Explores the petrochemical sector's role in creating essential materials, including plastics, rubbers, and synthetic fibers, highlighting their real-world manufacturing routes

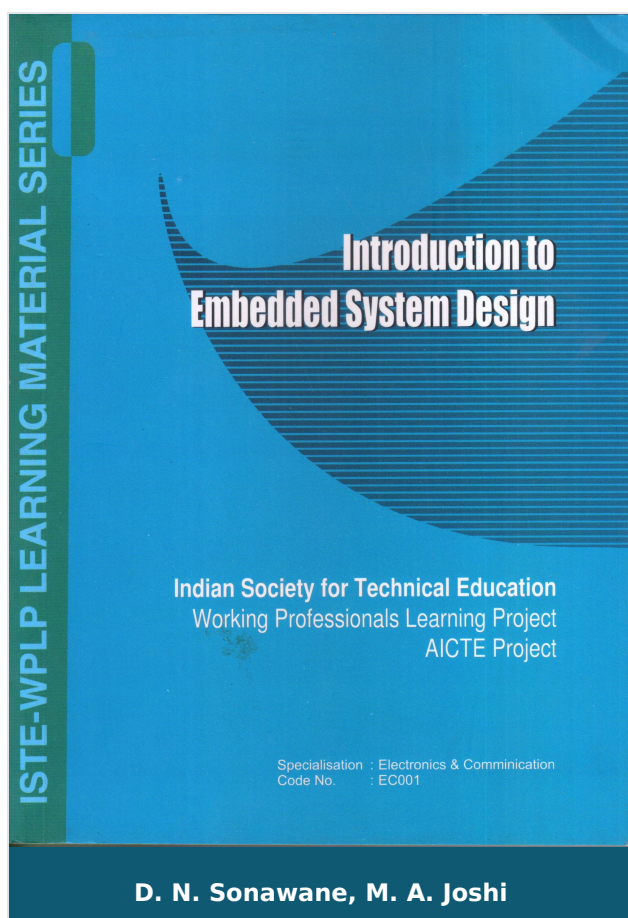
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 - B. Short Answer Type Questions in Petroleum Engineering
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 - D. Glossary of Petroleum Engineering
- Part-II: Petrochemical Engineering
 - A. Objective Type Questions Answers in Petrochemical Engineering
 - B. Short Answer Type Questions in Petrochemical Engineering
 - C. Glossary Of Petrochemical Engineering

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.



Introduction to Embedded System Design

Author :	D. N. Sonawane, M. A. Joshi
ISBN 13 :	978-93-55387-57-8
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E-ISBN 13 :	978-93-55387-57-8
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Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 345.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store, ISTE Series
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

This course material is a result of the dedication and encouragement of many individuals. Our sincere and heartfelt appreciation goes to all of them.

We are deeply indebted to Dr. B. S. Sonde, Ex.Vice Chancellor Goa University, who initially motivated and guided us for this work.

We also take this opportunity to thank our colleagues and students for their helpful suggestions during the course of this project.

The Teaching materials covers 14 chapters, 11 for Embedded systems part and 3 for Digital Signal Processing. Every slide gives points for teaching the contents accompanied by foot notes.

Embedded systems is a state of art subject having a number of Industrial applications. Starting form the basics of microcontrollers to real time operation and interfaces are the important topics covered. Digital signal processing is a subject, which deals with processing of signals. DSP processors can perform special signal processing functions in a fast and efficient manner.

It is essential to study the architecture of these processors and some basics of Signal processing.

We are sure that this material will definitely be useful as a teaching material for the teachers and new engineers in this field.

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- MCS-51: Interrupts
- Real Time Interfaces with MCS-51: ADC, DAC (Parallel)
- Display Devices: 7- segment LED and LCD Interfacing
- Embedded System Design Using PIC 16FX series
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- PIC 16FX Series Microcontrollers: PWM/CCP Module
- PIC 16FX Series Microcontrollers: ADC, USART Module
- Overview of Digital Signal Processing
- DSP Fundamentals: DFT and FFT
- Architecture of TMS 320XX Series DSP

Author

D. N. Sonawane

Prof. D. N. Sonawane is presently working as Asst. Professor at the Department of Instrumentation and Control of College of Engineering, Pune. He has complete his master degree from University of Pune. He is currently pursuing his Ph.D. in Electronics Engineering from University of Pune. He teaches Microcontroller Techniques and its

applications at Undergraduate level and System on-Chip at Postgraduate level. He has guided 16 post graduate students for their dissertation. Prof. Madhuri Joshi, Ph.D. is presently working as Professor at Electronics and Telecommunication Department of College of Engineering, Pune. She has 31 years of teaching experience at U.G. and P.G. level. Her research specialization and teaching experience is in the field of Digital Signal Processor and its Applications and Image Processing. She is the author of the book Digital Image Processing, and algorithmic approach, published by Prentice Hall. She has over 68 papers published at the National and International level. She has guided 30 Post graduate and 7 students for their Ph.D. work.

M. A. Joshi

Prof. D. N. Sonawane is presently working as Asst. Professor at the Department of Instrumentation and Control of College of Engineering, Pune. He has complete his master degree from University of Pune. He is currently pursuing his Ph.D. in Electronics Engineering from University of Pune. He teaches Microcontroller Techniques and its applications at Undergraduate level and System on-Chip at Postgraduate level. He has guided 16 post graduate students for their dissertation. Prof. Madhuri Joshi, Ph.D. is presently working as Professor at Electronics and Telecommunication Department of College of Engineering, Pune. She has 31 years of teaching experience at U.G. and P.G. level. Her research specialization and teaching experience is in the field of Digital Signal Processor and its Applications and Image Processing. She is the author of the book Digital Image Processing, and algorithmic approach, published by Prentice Hall. She has over 68 papers published at the National and International level. She has guided 30 Post graduate and 7 students for their Ph.D. work.