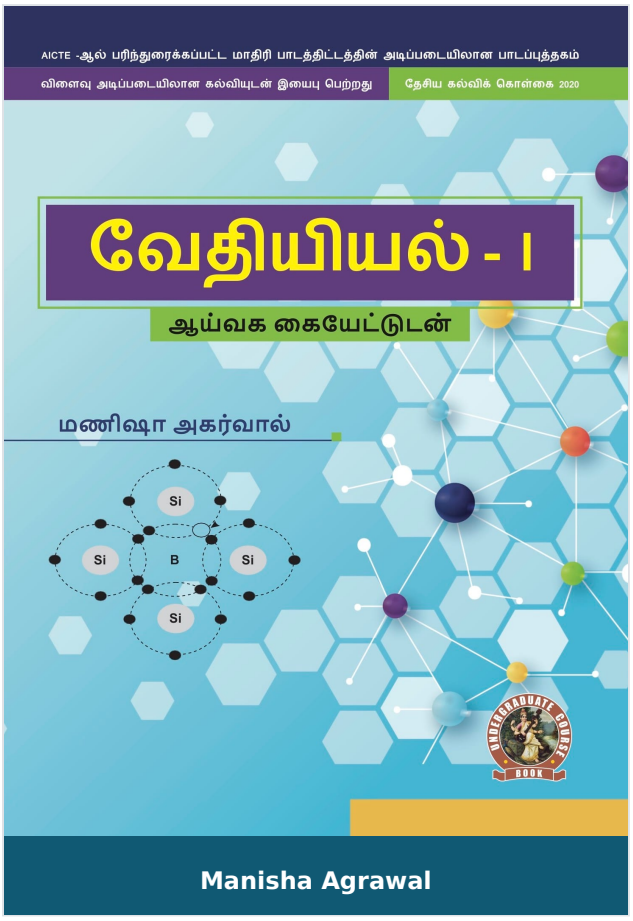


Chemistry I (with Lab Manual)

Author :	Manisha Agrawal
ISBN 13 :	978-93-91505-66-0
ISBN 10 :	93-91505-66-X
E-ISBN 13 :	978-93-91505-66-0
Edition :	First
Pages :	260
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Tamil Books, Bookstore, Ebooks
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

“Chemistry-I” is a compulsory paper for the first year Undergraduate 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 seven topics- Atomic and molecular structure, Spectroscopic Technique and applications, Inter-molecular Forces and Potential Energy Surfaces, Use of Free Energy in Chemical Equilibrium, Periodic Properties, Stereo-chemistry, Organic Reactions and Synthesis of Drug Molecules. Each topic is written is easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test student’s comprehension.

Salient Features:

1.Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.

2. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for us of ICT, Projects group discussion etc.

3. Students and teacher centric subject materials included in book with balanced and chronological manner.

4. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics.

5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter.

6. Solved and unsolved problems including numerical examples are solved with systematic steps.

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Atomic and
- Molecular Structure
- Spectroscopic
- Techniques and Applications
- Intermolecular
- Forces and Potential Energy Surfaces
- Use of Free
- Energy in Chemical Equilibria
- Periodic
- Properties
- Stereochemistry
- and Organic Reactions
- Organic

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

- Reactions Synthesis of Drug Molecules
- Annexure
- Appendices

Author

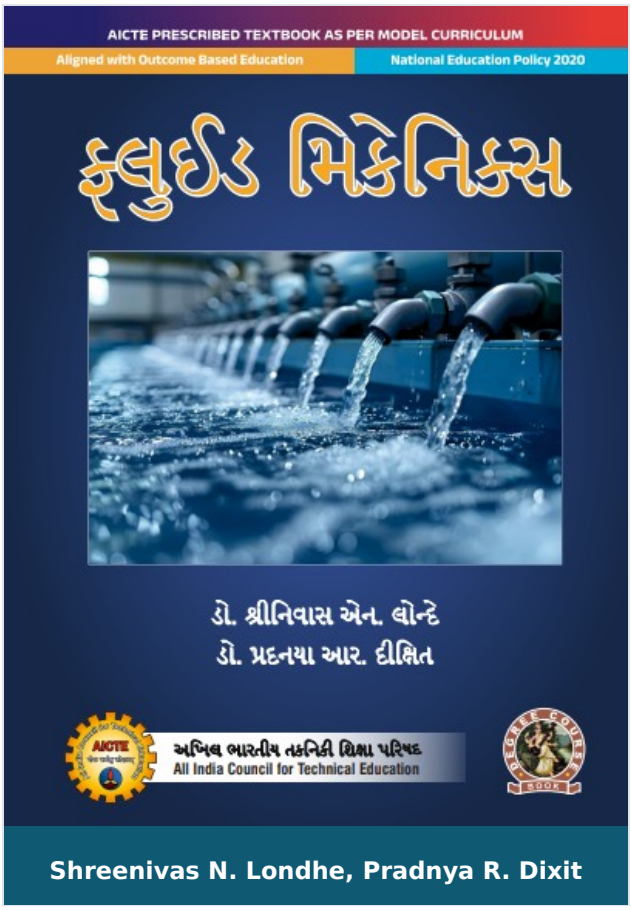
Manisha Agrawal

Manisha Agrawal Dr. Manisha Agarwal is Dean, Basic Sciences at Chhattisgarh Swami Vivekanand Technical University Bhilai. Professor and head, Department of Chemistry at Rungta College of Engineering & Technology, Bhilai, (C.G.). She completed Ph. D. from Pt. Ravishankar Shukla University, Raipur in 1999. Since then she has been engaged in teaching and research. Dr. Manisha has authored several papers which have been published in SCI indexed International and National journals. She has organised more than 10 Conferences and workshops as convener among them four were International Conferences. She has credited five books as author, three patents as inventor and applicant and six Research Project Grants as Principal Investigator from Government Funding agencies like AICTE, CCOST and CSVTU. She has supervised 5 M. Phil. Students, 12 BE and Diploma students. Presently 6 research scholars are perusing Ph. D. under her supervision.

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



Fluid Mechanics

Author :	Shreenivas N. Londhe, Pradnya R. Dixit
ISBN 13 :	978-93-55383-25-9
ISBN 10 :	93-55383-25-8
E-ISBN 13 :	978-93-55383-25-9
Edition :	First
Pages :	284
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 448.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Fluid Mechanics

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

Author

Shreenivas N. Londhe

Dr. Shreenivas N. Londhe Professor, Department of Civil Engineering Vishwakarma Institute of Information Technology, Pune Dr.

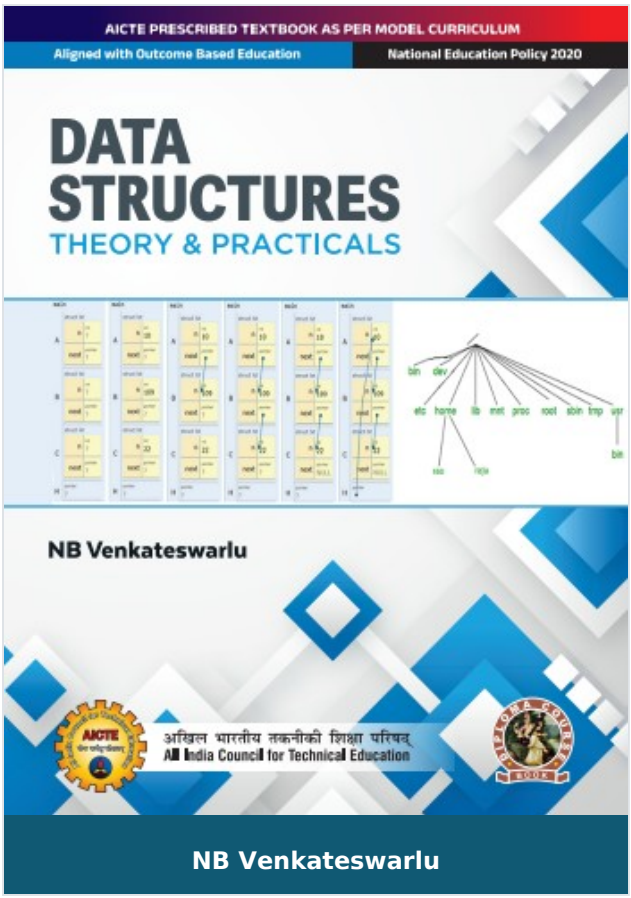
Pradnya R. Dixit

Dr. Pradnya R. Dixit Associate Professor, Department of Civil Engineering Vishwakarma Institute of Information Technology, Pune

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



Data Structures: Theory & Practicals

Author :	NB Venkateswarlu
ISBN 13 :	978-93-55387-68-4
ISBN 10 :	93-55387-68-7
E-ISBN 13 :	978-93-55387-68-4
Edition :	First
Pages :	320
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 598.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Data Structures: Theory & Practicals

This book introduces data structures to the reader. Data structures is one of the vital courses in computer science, information technology curriculum across various programs. This book introduces how to write programs of design the algorithms that utilizes available CPU time and RAM (memory) in the most optimal manner. Concepts such ads data abstraction, stacks, queues, linked lists, binary trees, graphs are introduced in the lucid manner along with practical examples. The content of this book is very much aligned with the outcome-based education as per 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.

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Introduction to Data Structures.
- Stacks and Queues.
- Linked Lists.
- Non-Linear Data Structures.
- List of Appendices
- Co and Po Attainment Table

Author

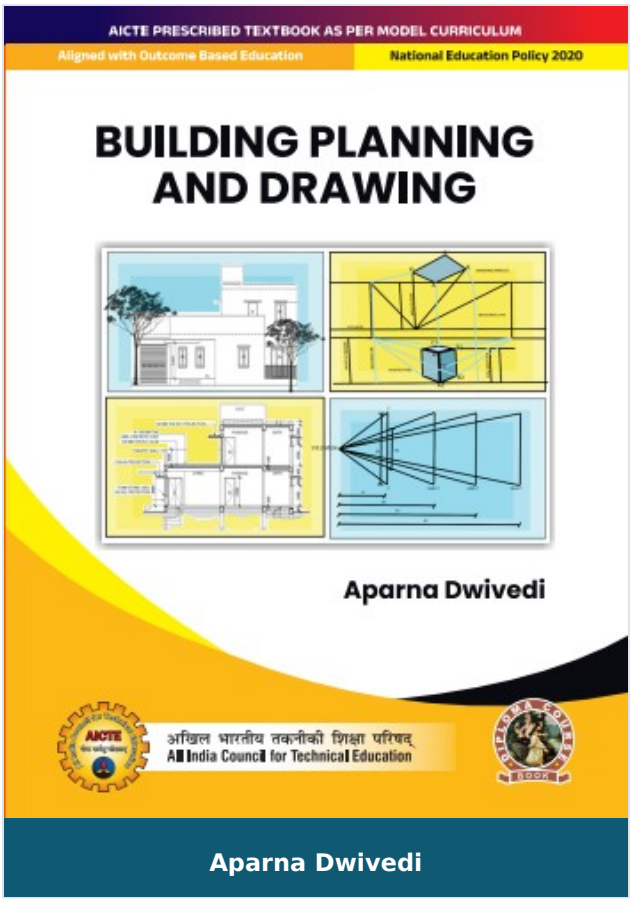
NB Venkateswarlu

NB VENKATESWARLU

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



Building Planning and Drawing

Author :	Aparna Dwivedi
ISBN 13 :	978-93-55384-37-9
ISBN 10 :	93-55384-37-8
E-ISBN 13 :	978-93-55384-37-9
Edition :	First
Pages :	144
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 284.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Building Planning and Drawing

Building Planning and Drawing will be a very useful book for Civil Engineering and Building Industry. The focus of this book is the foundation of building design and understand the building vocabulary along with the process to approve plans and also writing specifications and Estimates. Different types of lines, types of scale, principles of planning for Residential and public building and the book also gives examples of line plans of residential building and public buildings like – school building, primary health Centre, restaurant, bank, post office, hostel, Function Hall and Library. Detailed drawings of load bearing structure and Framed

S

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.

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

- 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.

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

Table Of Contents

- TABLE OF CONTENT
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Conventions and Symbols
- Planning of Building
- Drawing of a Load Bearing Structure
- Drawing of Framed Structure
- Perspective Drawing
- CO and PO Attainment Table
- Index

Author

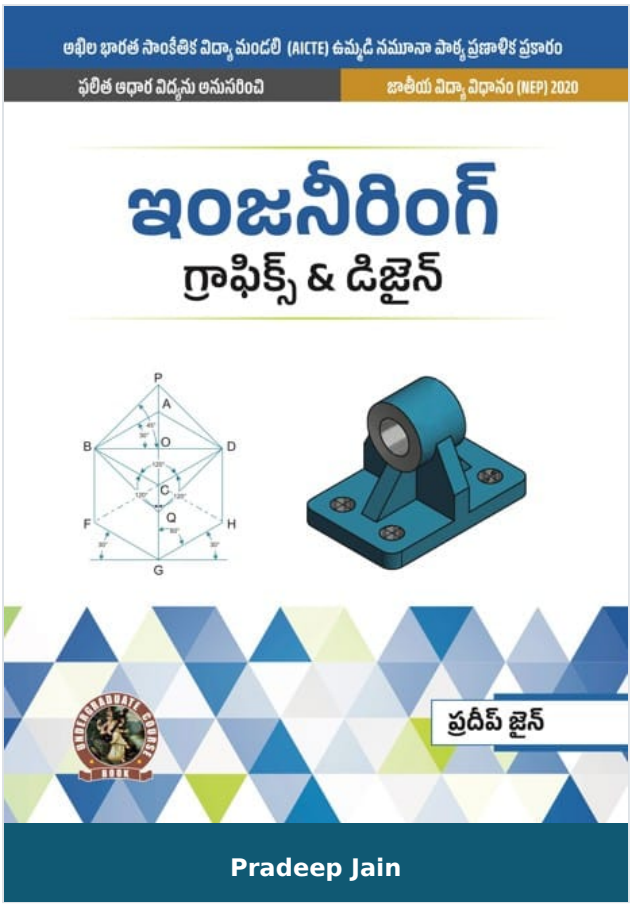
Aparna Dwivedi

Dr. Aparna Dwivedi Assistant Professor Sir J.J. College of Architecture Mumbai-400001, Maharashtra

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



Engineering Graphics & Design

Author :	Pradeep Jain
ISBN 13 :	978-93-91505-64-6
ISBN 10 :	93-91505-64-3
E-ISBN 13 :	978-93-91505-64-6
Edition :	1
Pages :	304
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Telugu Books, Bookstore, Ebooks
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.

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- 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.
- Reference
- CO and Po Attainment Table
- Index.

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

Author

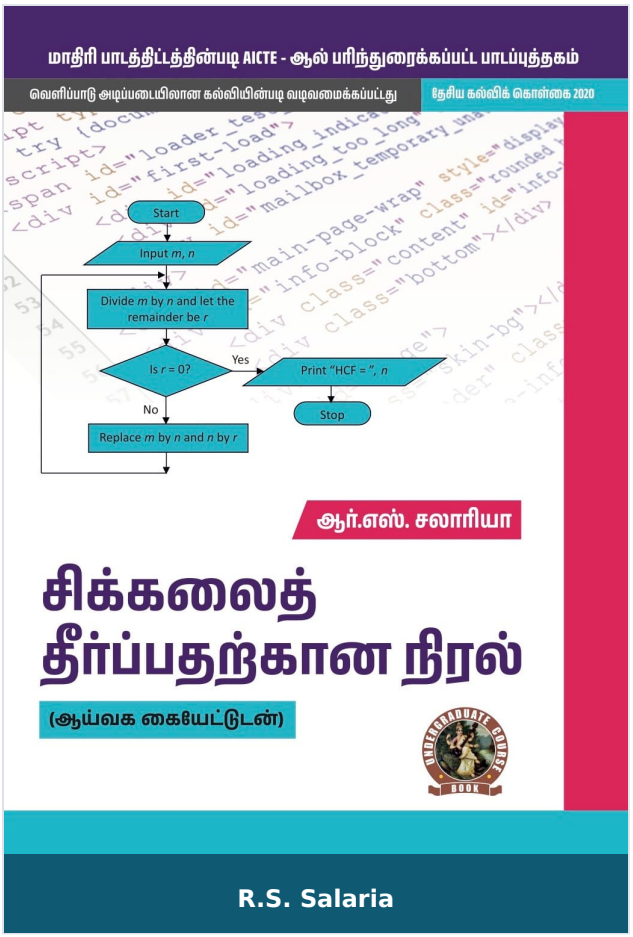
Pradeep Jain

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.

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



Programming for Problem Solving (with Lab Manual)

Author :	R.S. Salaria
ISBN 13 :	978-93-91505-67-7
ISBN 10 :	93-91505-67-8
E-ISBN 13 :	978-93-91505-67-7
Edition :	First
Pages :	392
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Tamil Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This textbook is designed as per the model curriculum of AICTE for the first year students of all branches of undergraduate programme in Engineering & Technology (BE/B.Tech).

The subject of programming for problem Solving aims at developing problem solving skills among the students and the skills to create programs in C language for their implementation.

This book emphasizes to empower the students to grasp the skills required for problem solving and to develop deep understanding of the constructs of C language. These aspects of the subject are well illustrated through enormous solved programming problems.

Salient Features:

l Simple and lucid language that enables students to grasp the subject.

l Demonstrates the elegant programming style.

l 165+ ready to run programs for reference and to illustrate the program development process.

l 135+ Short answer type questions to provide an opportunity for self-assessment of the fundamental concepts learned by answering them precisely.

l 165+ multiple choice questions to provide an opportunity to synthesize the fundamental concepts.

l 90+ Programming problems to provide an opportunity to harness programming skills. Programming for Problem Solving (with Lab Manual) (Marathi)

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Programme Outcome (POs)
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Introduction to Programming
- Arithmetic Expressions and Precedence
- Conditional Branching and Loops
- Arrays
- Basic Algorithms
- Functions
- Recursion
- Structures
- Pointers
- File Handling
- References for further learning
- Co and PO attainment Table

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

- Index

Author

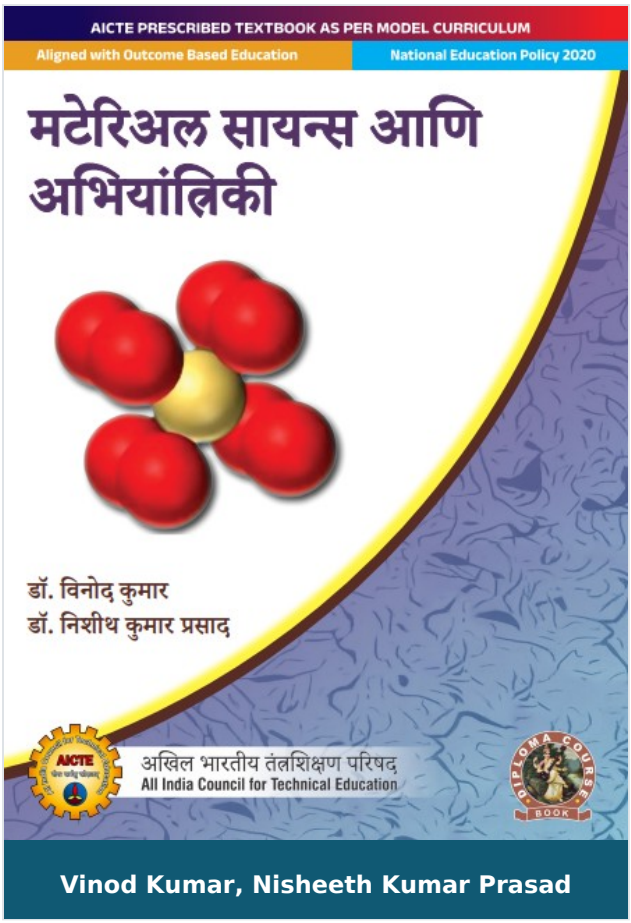
R.S. Salaria

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

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



Material Science & Engineering

Author :	Vinod Kumar, Nisheeth Kumar Prasad
ISBN 13 :	978-93-55382-91-7
ISBN 10 :	93-55382-91-X
E-ISBN 13 :	978-93-55382-91-7
Edition :	First
Pages :	216
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 348.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Material Science & Engineering

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

Author

Vinod Kumar

Dr. Vinod Kumar Assistant Professor and Former Head, Department of Metallurgical Engineering and Materials Science, IIT Indore, Simrol, Khandwa Road, Indore -453552, Madhya Pradesh Dr.

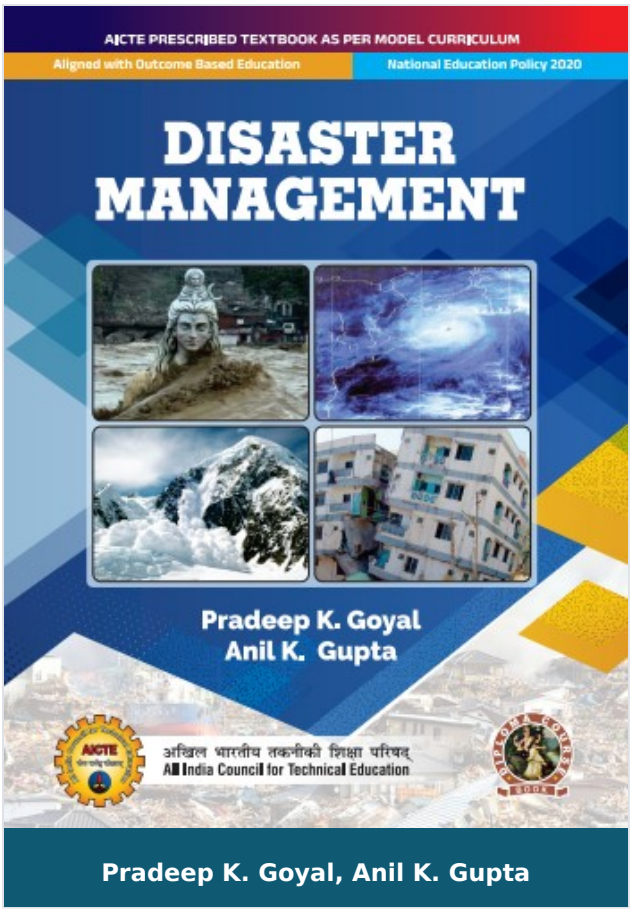
Nisheeth Kumar Prasad

Dr. Nisheeth Kumar Prasad Assistant Professor, Department of Metallurgical Engineering and Materials Science, IIT Indore, Simrol, Khandwa Road, Indore-453552.

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



Disaster Management

Author :	Pradeep K. Goyal, Anil K. Gupta
ISBN 13 :	978-93-55383-39-6
ISBN 10 :	93-55383-39-8
E-ISBN 13 :	978-93-55383-39-6
Edition :	First
Pages :	200
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 348.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Disaster Management

This book has been written to provide a broad overview of the subject of disaster management for undergraduate students. Main purpose of the book is to help students to understand and develop strategies for effective disaster risk reduction. The main content of this book is aligned with the model curriculum of AICTE followed by the concept of outcome-based education as per National Education Policy (NEP) 2020

Salient Features:

- Content of the book aligned with the mapping of course outcomes, programs outcomes and unit outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completion that unit.
- Book provides lots of recent information, interesting facts, QR Codes for E-resources, QR Codes for use of ICT, projects, group discussion etc.
- Student and teacher centric subject material included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Short questions, objective questions are long answer exercises are given for practice of students after every chapter.

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations
- Guidelines for Teachers
- Guidelines for Students
- List of Figures
- INTRODUCTION
- DISASTERS
- DISASTER IMPACTS
- DISASTER RISK REDUCTION
- DISASTERS, ENVIRONMENT AND DEVELOPMENT
- CO AND PO ATTAINMENT TABLE
- INDEX

Author

Pradeep K. Goyal

Dr. Pradeep K. Goyal Assistant Professor, Dept. of Civil Engineering Delhi Technological University Delhi Prof.

Anil K. Gupta

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

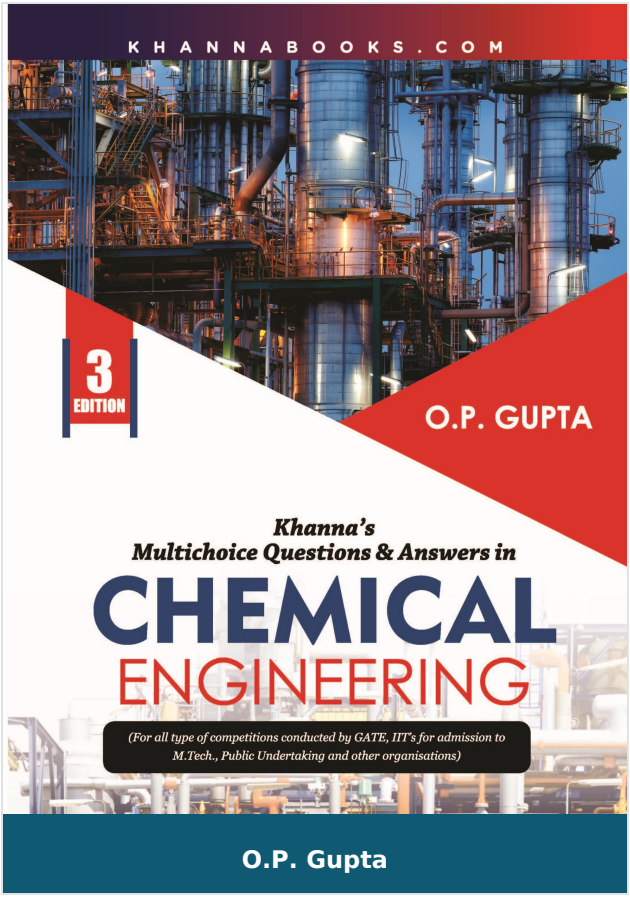
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Dr. Pradeep K. Goyal Assistant Professor, Dept. of Civil Engineering Delhi Technological University Delhi Prof. Anil Kumar Gupta Professor (Policy-Planning) HoD, Director of Projects & COE, National Institute of Disaster Management (Ministry of Home Affairs) New Delhi

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



Khanna's Multi-Choice Questions and Answers in Chemical Engineering

Author :	O.P. Gupta
ISBN 13 :	978-93-55384-38-6
ISBN 10 :	93-55384-38-6
E-ISBN 13 :	978-93-55384-38-6
Edition :	3
Pages :	1100
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 565.00
Categories :	Objective Type Books, Bookstore
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 book designed comprehensively for chemical engineering graduates for their academic program, various competitive examinations & GATE examination will serve as a' Handbook of chemical Engineering'. It contain MCQ's drawn from the examination papers of various engineering college & GATE examination papers fully solved from 1990to 2025. Following subjects of chemical engineering have been covered for college examinations, competitive examinations & GATE examinations.

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

Table Of Contents

- Section-I (MCQ of Chemical Engineering Subjects)
- Fluid mechanics
- Stoichiometry
- Mechanical Operations
- Chemical Process Industries (Chemical Technology)
- Petroleum Refinery Engineering
- Fertiliser Technology
- Heat Transfer
- Mass Transfer
- Process Control and Instrumentation
- Chemical Engineering Thermodynamics
- Chemical Reaction Engineering and Reactor Design
- Fuels and Combustion
- Materials of Construction
- process Equipment Design
- Chemical Engineering Economics
- Nuclear power Engineering
- Furnace Technology
- Refractory Technology
- Environmental Engineering
- Polymer Technology
- Miscellaneous Question
- Section-II (Chapter wise GATE Questions & Answers From 1990 to 2010)

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

- Miscellaneous Question
- Chemical Process Calculation
- Fluid mechanics
- Heat Transfer
- Mass Transfer
- Chemical Reaction Engineering
- Chemical Engineering Thermodynamics
- Process Control and Instrumentation
- Mechanical Operations
- Transport Phenomena
- Chemical Technology
- Chemical Engineering Plant Economics
- Process Equipment & Plant Design
- Dimensionless Numbers
- Materials of Construction
- Chemical Engineering Fundamentals
- Section -III (Interview Questions & Answers)
- Interview Questions & Answers
- Section-VI (Year wise GATE Questions & Answers From 2011 to 2021)
- GATE-2011
- GATE-2012
- GATE-2013
- GATE-2014
- GATE-2015
- GATE-2016

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

- GATE-2017
- GATE-2018
- GATE-2019
- GATE-2020
- GATE-2021

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.

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



Programming in Python

Author :	K. Abinaya, Saraswathi
ISBN 13 :	978-93-55389-64-0
ISBN 10 :	93-55389-46-7
E-ISBN 13 :	978-93-55389-64-0
Edition :	First
Pages :	120
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 198.00
Categories :	Computer Science Engineering, New Arrivals, Bookstore, Sathyabama 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 comprehensive textbook, The Complete Guide to Programming in Python, is a foundational resource designed to transform absolute beginners into proficient Python developers. The core theme of the book is simplicity meets versatility: Python's global popularity is rooted in its highly readable syntax and its powerful application across diverse fields like web development, data science, and automation.

The book's primary purpose is to deliver a systematic, hands-on learning experience. It begins by establishing the fundamentals—such as the easy-to-understand syntax, diverse expression types, and key data structures like Numeric, Sequence (Lists, Tuples), and Mapping (Dictionaries)—before seamlessly progressing to advanced topics. Readers will master essential control flow techniques, including conditional statements (if/elif/else, match-case) and iterative loops (for/while), and learn to structure complex code using Object-Oriented Programming (OOP) principles (Inheritance, Polymorphism). The practical value is reinforced by specialized units on handling errors through robust exception handling, interacting with the PyMongo database, and building visually appealing applications using Tkinter. The target audience includes students in computer science, newcomers to programming, and professionals from any domain who require a solid, application-focused grounding in one of the world's most demanded programming languages.

Salient Features:

• Foundational Syntax Mastery: An ideal starting point covering all of Python's core features, from its easy-to-understand syntax and diverse expression types (Arithmetic, Logical) to detailed rules for operator precedence.

• Comprehensive Data Structures: A dedicated section that thoroughly explores all built-in data types: Numeric (int, float), Sequence (list, tuple, string), Mapping (dict), and Set

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

types, complete with practical code implementations.

• Control Flow and Logic: Offers full coverage of flow control mechanisms, from basic if-else and nested conditions to the modern match-case statement, ensuring the ability to write robust program logic.

• Essential Built-in Functions: Provides an extensive, tabulated reference of over 50 vital built-in functions, each accompanied by practical code snippets demonstrating its correct usage and return value.

• OOP Principles Explained: Delivers clear, practical instruction on Object-Oriented Programming, covering Inheritance, Polymorphism (Overriding, Overloading), and Data Abstraction using Python-specific examples.

• Ecosystem and Libraries: Introduces the vast Python ecosystem, detailing how to create and use custom modules and presenting key external libraries like NumPy and Pandas for data manipulation.

• GUI Application Development: Step-by-step guidance on creating rich Graphical User Interfaces (GUIs) using the standard Tkinter library, thoroughly covering layout managers and all essential widgets.

• Practical Database Integration: Hands-on instruction for connecting to and performing full CRUD (Create, Read, Update, Delete) operations on a NoSQL database, specifically using the PyMongo library for MongoDB.

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

Table Of Contents

- Introduction to python
- Operating on File
- GUI Programming
- Database and Networks

Author

K. Abinaya

K. Abinaya

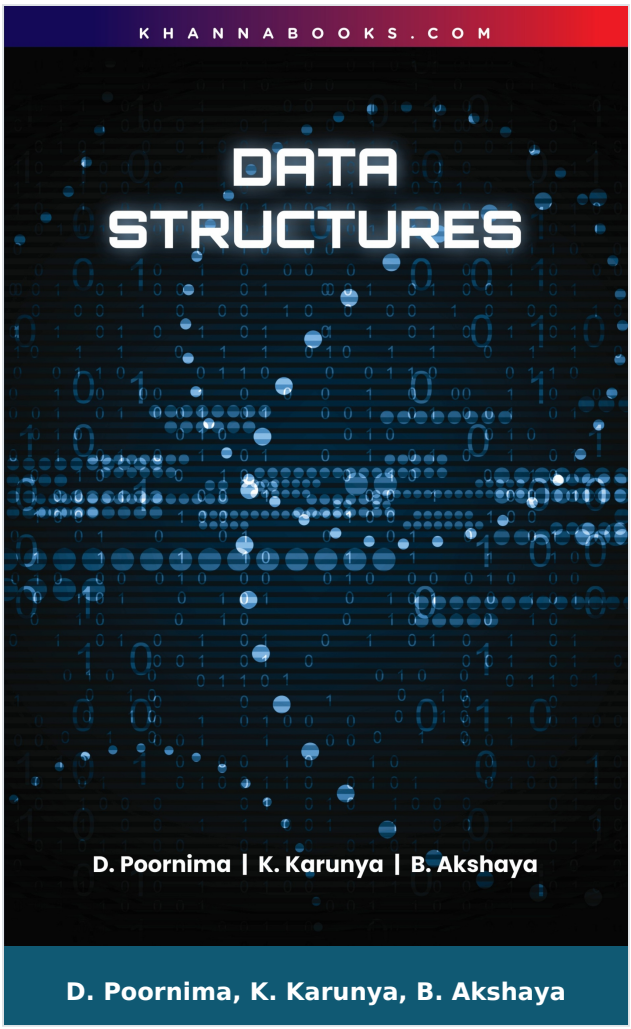
Saraswathi

Saraswathi Devi for given me the support and encouraging me to achieve goals successfully. I co-authored books on "Computer Fundamentals", Data Science with Machine Learning using R. Dr. K. L. Vasundhara, HOD & Assoc. Professor, Dept. of Mathematics, Thank my Mentor Prof. M. V. Ramana Murthy (Former Head and BOS Chairman, Dept. of Mathematics and Computer Science, OU, Hyderabad) for his guidance, time, ideas and help. I am greatly indebted to Sri Krishna Rao (Correspondent, Stanley College of Engineering and Technology for Women, Hyderabad) for his support. It is imperative on my behalf to remember my behold Mother Late Smt. K. Varalakshmi and my Father-in-Law Late Sri. Yerasuri Gopala Krishna Murthy for their divine blessings. Recipient of "UTTAMA ADYAPIKA AWARD" 2022, " JYSTA ACH ARNA AWARD" 2024 and authored 16 papers in various National & International Journals, Co- authored books on " Engineering Mathematics-IV", "Data Science with Machine Learning using R". AICTE nominated expert for Data Analytics and having 6 Patents. Prf.

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



Data Structures

Author :	D. Poornima, K. Karunya, B. Akshaya
ISBN 13 :	978-93-55385-39-0
ISBN 10 :	93-55385-39-0
E-ISBN 13 :	978-93-55385-39-0
Edition :	First
Pages :	216
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	Computer Science Engineering, New Arrivals, Bookstore, Sathyabama 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 comprehensive textbook offers an indispensable foundation in data structures, the core discipline for efficient computing and algorithm design. It is explicitly designed to empower students, software developers, and computer science professionals with the ability to organize, manage, and process data optimally, thereby reducing computational overhead and enhancing application performance.

The book systematically guides readers through fundamental concepts, beginning with linear structures like Arrays, Linked Lists, Stacks, and Queues, and progresses to complex, non-linear structures such as Trees and Graphs. A strong emphasis is placed on the dual goals of reducing time complexity and optimizing memory storage, which are vital for developing modern, scalable software. Readers will gain practical proficiency through units dedicated to Search and Sorting Techniques and critical graph algorithms like Dijkstra's and Minimum Spanning Trees. By blending academic rigor with extensive real-world Case Studies and practical programming examples in C, this text ensures that learners not only understand how these structures work, but also why they are the backbone of modern applications in areas like databases, AI, and network optimization.

Salient Features:

• Fundamental Concepts: Provides a clear introduction to data structures, covering classifications (linear vs. non-linear) and the core need for optimizing both time and space complexity.

• Advanced Structures: Thoroughly covers complex, non-linear structures like Binary Trees, BSTs (Binary Search Trees), and even AVL Trees, detailing their implementation and use in storage and retrieval.

• Graph Theory: Explores Graphs with depth, covering representation using Adjacency Matrix and List, and essential traversals like Breadth-First Search (BFS) and Depth-First

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

Search (DFS).

• Pathfinding Algorithms: Dedicated focus on practical solutions with algorithms for Minimum Spanning Trees (Kruskal's/Prim's) and Shortest Paths (Dijkstra's, Bellman-Ford, Floyd-Warshall).

• Algorithm Analysis: Offers a comprehensive unit on Search and Sorting Techniques (Quick Sort, Merge Sort, Heap Sort), with detailed analysis comparing the efficiency of various algorithms.

• Practical Coding: Includes numerous Solved Problems and C programming code examples for all major operations (insertion, deletion, traversal), enabling hands-on implementation skills.

• Real-World Applications: Features focused Case Studies throughout, illustrating how structures like Queues and Trees are utilized in practical scenarios such as hospital queue optimization and network routing.

• ICT Integration: Recommends specific digital tools, including online visualizers (like VisuAlgo) and competitive programming platforms (like LeetCode), to enhance interactive and application-based learning.

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

Table Of Contents

- Introduction to Data Structure
- Stack and Queue
- Tree
- Graph
- Search and Sorting Techniques

Author

D. Poornima

D. Poornima

K. Karunya

K. Karunya

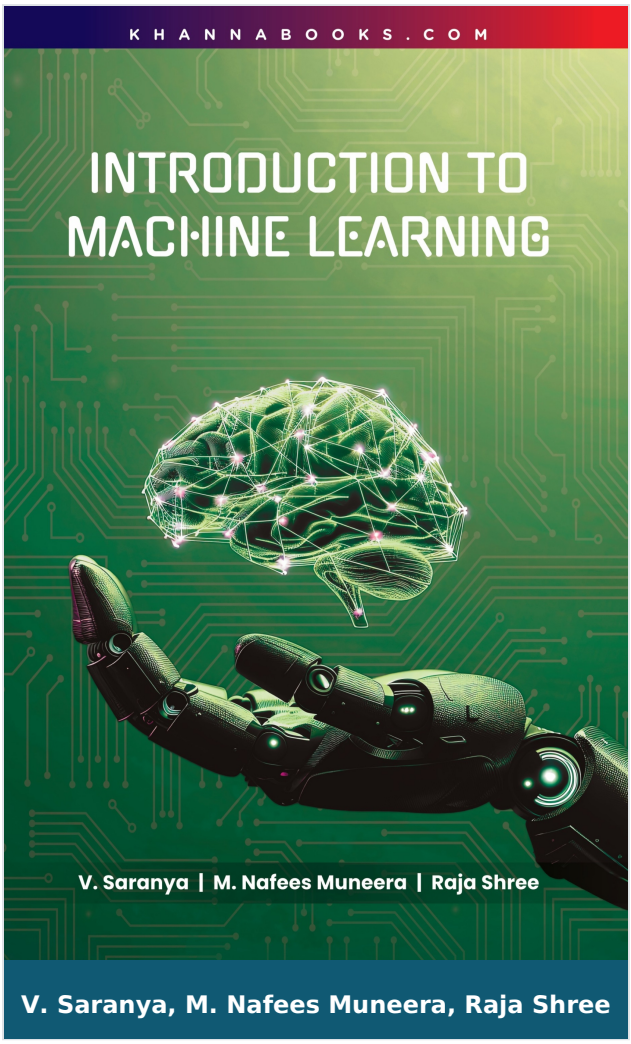
B. Akshaya

B. Akshaya

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



Introduction to Machine Learning

Author :	V. Saranya, M. Nafees Muneera, Raja Shree
ISBN 13 :	978-93-55389-35-0
ISBN 10 :	93-55389-35-3
E-ISBN 13 :	978-93-55389-35-0
Edition :	First
Pages :	128
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 248.00
Categories :	Computer Science Engineering, New Arrivals, Bookstore, Sathyabama 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

The book, INTRODUCTION TO MACHINE LEARNING, is an essential guide meticulously designed to provide a comprehensive, progressive, and practical foundation in the field of Machine Learning (ML). In the rapidly advancing “data era,” ML has become an integral part of modern advancements across healthcare, finance, autonomous systems, and artificial intelligence. This textbook is dedicated to crafting a strong foundational understanding of the principles, techniques, and real-world applications that drive these intelligent systems.

The core purpose of this book is to bridge the gap between theoretical understanding and practical application. It begins with the fundamental concepts of ML, its categories (supervised, unsupervised, semi-supervised, and reinforcement learning), and essential data preprocessing techniques. The journey progresses through the crucial mathematical backbone, including probability, distributions, and the Naive Bayes Classifier. It then thoroughly explores core supervised algorithms like Linear Regression and Support Vector Machines (SVM), and dives into unsupervised methods such as K-Means clustering and Principal Component Analysis (PCA). Finally, it addresses advanced concepts in model optimization through ensemble methods like bagging, boosting, and stacked generalization.

This resource is an invaluable companion for students building their academic foundation, researchers seeking clear insights, and professionals aiming to integrate ML into their work. The content is structured with clarity and is supported by well-illustrated examples, making it suitable for both beginners and experienced learners who wish to master the application of ML techniques effectively in various domains.

Salient Features:

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

• Foundational Principles: Provides a solid, structured introduction to Machine Learning, its core concepts, types (supervised, unsupervised, etc.), and the critical bias-variance tradeoff.

• Essential Preprocessing: Covers crucial initial steps of the ML workflow, including noise removal, normalization techniques, and an understanding of data quality challenges.

• Statistical Backbone: Dedicated unit on the mathematical foundations, including random variables, probability distributions, Bayes' Theorem, and the Naive Bayes Classifier Algorithm.

• Supervised Algorithms: Detailed coverage of key supervised methods like Linear Regression, Lasso Regression, Logistic Regression, Support Vector Machines (SVM), and K-Nearest Neighbors (KNN).

• Unsupervised Deep Dive: Explores clustering techniques (K-Means, K-Medoids, DBSCAN), dimensionality reduction with PCA, Outlier Analysis, and an introduction to Reinforcement Learning.

• Model Evaluation: Discusses essential evaluation metrics for both regression and classification tasks, ensuring readers can accurately measure and validate their model performance.

• Advanced Optimization: Focuses on model generalization and optimization using ensemble learning, covering techniques like Bagging, Boosting, Stacked Generalization, and Cascading.

• Practical Application: Emphasizes practical skills and insights necessary for applying ML techniques effectively in real-world scenarios across various domains, supported by clear examples.

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

Table Of Contents

- Introduction to Machine Learning
- Basic Mathematical Concepts for Machine Learning
- Supervised Learning
- Unsupervised Learning
- Generalization and Optimization

Author

V. Saranya

V. Saranya

M. Nafees Muneera

M. Nafees Muneera

Raja Shree

Raja Shree

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