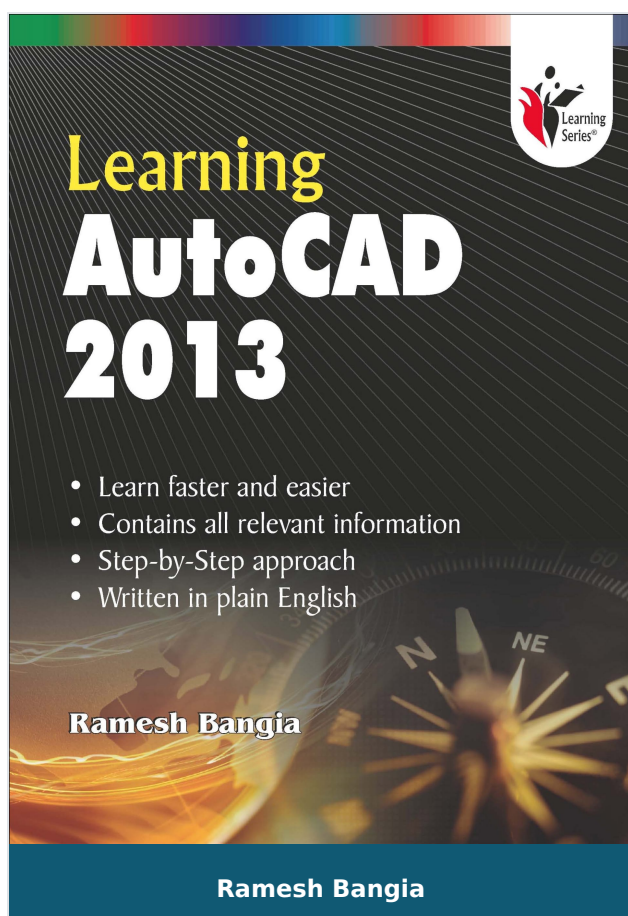




Learning AutoCAD 2013

Author :	Ramesh Bangia
ISBN 13 :	978-93-81068-97-7
ISBN 10 :	9381068976
E-ISBN 13 :	978-93-81068-97-7
Edition :	1
Pages :	272
Type of book :	Physical
Year :	2016
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

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.

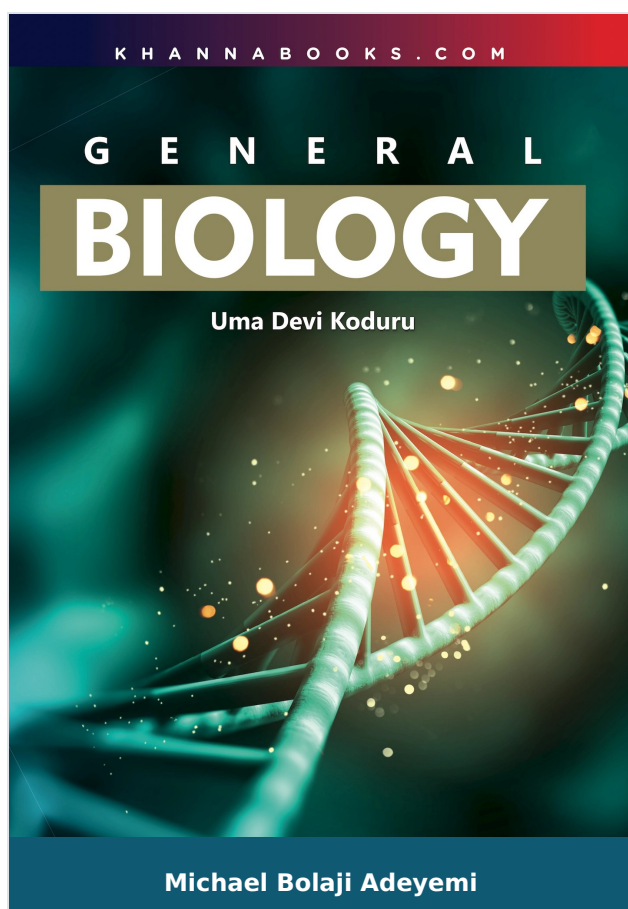
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- Introduction To AutoCad2010
- Customizing AutoCAD 2013
- Starting With AutoCad 2013
- Working With AutoCad 2013
- More Commands Of AutoCad 2013
- Setting System Variables Of AutoCad 2013
- System Variables Of Auto Cad 2013
- Commands Of AutoCad 2013
- Keyboard Shortcuts Of AutoCad 2013
- Glossary Of Keywords Of AutoCad 2013
- Questiton

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 Ease and African countries.



General Biology

Author :	Michael Bolaji Adeyemi
ISBN 13 :	978-93-91505-02-8
ISBN 10 :	9391505023
E-ISBN 13 :	978-93-91505-02-8
Edition :	First
Pages :	300
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 525.00
Categories :	Book Store, APPLIED SCIENCES & HUMANITIES
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

- Covers in toto the syllabus prescribed by AICTE and APSHE for the General Biology Course.
- Service as a textbook to guide the instructor.
- Suitable for self -study with explanatory stand-alone illustrations.
- Encompasses the entire breadth of topics in Biology.
- An Essential for students pursuing a basis course in Biology.
- Presents the topics in a style that can be comprehended by students from non-biology background.

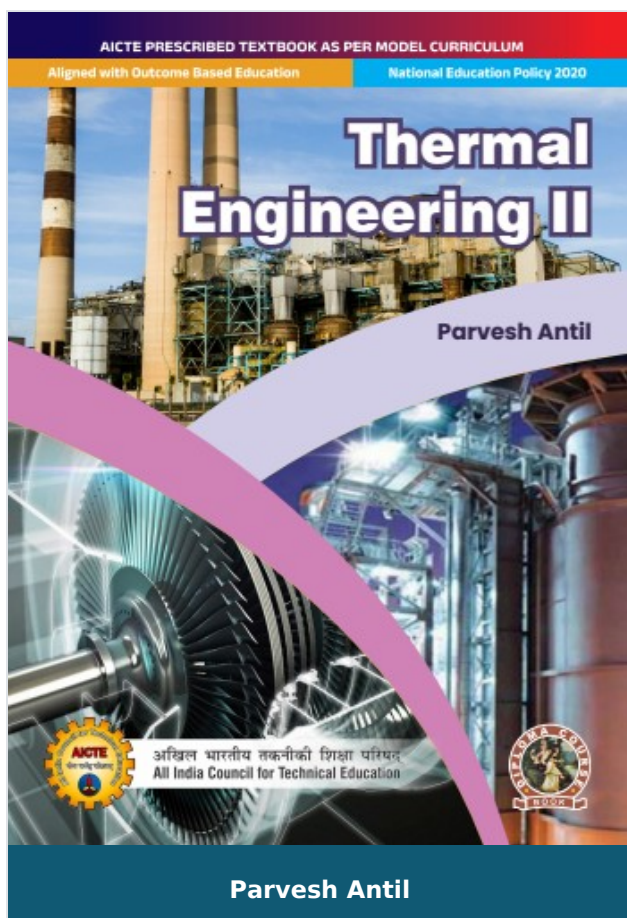
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- Biology-An Exciting Science; Biomimicry
- Classification and Model Organisms
- Genetics
- Biomolecules
- Enzymes Information transfer in Living Organisms
- Protein Structure and Function
- Laws of Thermodynamics at Play in Metabolism
- Microbiology
- Biotechnology

Author

Michael Bolaji Adeyemi

Michael Bolaji Adeyemi



Thermal Engineering- II

Author : Parvesh Antil

ISBN 13 : 978-93-55389-83-1

ISBN 10 : 9355389833

E-ISBN 13 : 978-93-55389-83-1

Edition : First

Pages : 164

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 298.00

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

Thermal Engineering- II

Thermal Engineering 2 is a fundamental subject for engineering students in the mechanical Engineering domain, providing a foundation for logical and analytical thinking. Thermal systems are crucial for regulating temperatures and facilitating energy transfer in a wide range of applications, including building heating and cooking, power production, and industrial operations. The aim of this book is to familiarize the students with the various thermal systems so that they can think big and innovative for future energy requirements.

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

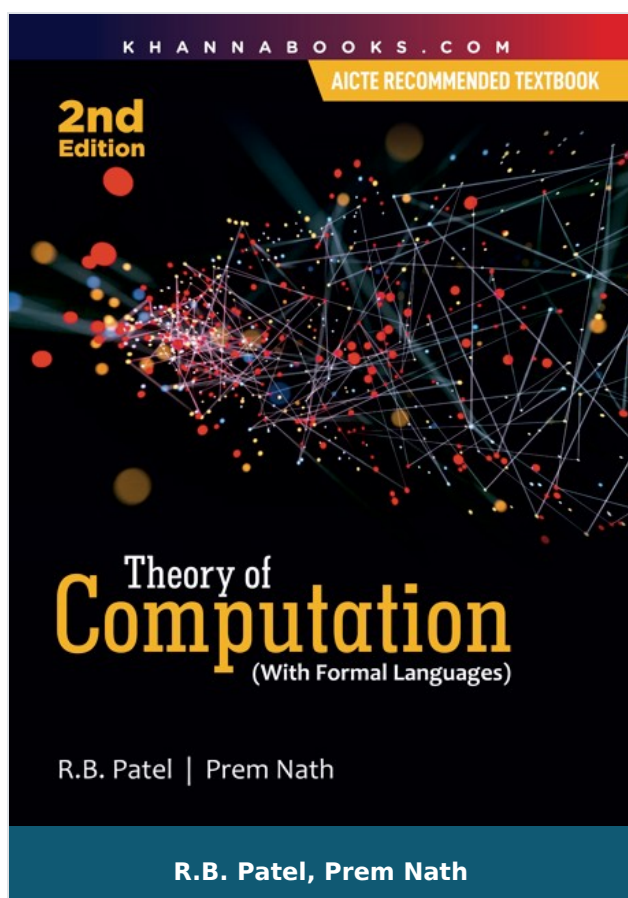
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- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Gas Turbines
- Properties of Steam
- Steam Generators
- Steam Nozzles
- Steam Turbines
- Co and Po Attainment Table
- Index

Author

Parvesh Antil

Dr. Parvesh Antil Assistant Professor, Department of Basic Engineering College of Agricultural Engineering & Technology



Theory of Computation (With Formal Languages)

Author : R.B. Patel, Prem Nath

ISBN 13 : 978-93-80016-52-8

ISBN 10 : 9380016522

E-ISBN 13 : 978-93-80016-52-8

Edition : 2

Pages : 480

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 495.00

Categories : [Computer Science Engineering,](#)
[UNIVERSITY RECOMMENDED,](#)
[Computer Science Engineerings,](#)
[Book Store](#)

Condition Type : New

Country Origin : India

Product Description

This book has very simple and practical approach to make the understood the concept of automata theory and languages well. There are many solved descriptive problems and objective (multiple choices) questions, which is a unique feature of this book. The multiple choice questions provide a very good platform for the readers to prepare for various competitive exams.

Table Of Contents

- Preliminaries Used in Theory of Computation
- Introduction to Finite Automata
- Finite State Machines (Transducers)
- Grammars and Languages
- Regular Expressions, Regular Languages and Finite Automata
- Context-free Grammars and Languages
- Pushdown Automata and Parsing Techniques
- Turing Machine
- Computability and Recognizability of Turing Machine
- Decidability and Undecidability
- Introduction to Computational Complexity

Author

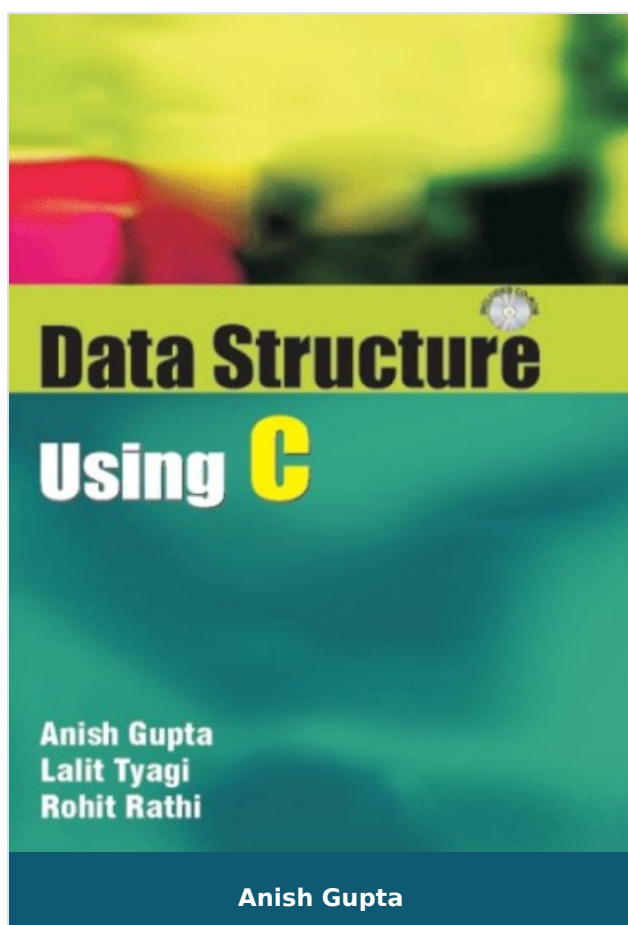
R.B. Patel

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

Journal/Proceedings of National and International publishers, viz. Springer Verlag, American Institute of Physics etc. He has authored 7 Books on Data Structures, Automata Theory, etc.

Prem Nath

Prem Nath has completed his B.E. (Computer Science and Engineering) from G.B. Pant Engineering College (H.N.B. Garwal University)- Uttarakhand in 2000. He has worked in AICTE approved Engineering Colleges at Dehradun and Roorkee for 3 years. At present, he is working as Examiner of patents and Designs at the Patent Office, Kolkata. His work is to examine the patent Applications for which patent is to be ascertained in the field of Computer Science and Technology (Indian patent Act 1970 as amended in 2005). In brief, his work is based on examination of technical advancement as well as the legal aspect (The patent Act 1970 as amended in 2005). He has attended training at the Japan patent office, Tokyo, Japan in the field of "Computer programs" in Year 2007 sponsored by World Intellectual property organization (WIPO), also attended training time to time arranged by Patent Offices in Collaboration with many foreign bodies like, European patent Office (EPO), US patent and Trade marks office (USPTO), etc.



Data Structures Using C

Author :	Anish Gupta
ISBN 13 :	978-93-80016-04-7
ISBN 10 :	9380016042
E-ISBN 13 :	978-93-80016-04-7
Edition :	First
Pages :	304
Type of book :	Physical
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book provides an in-depth introduction to data structures and its uses had also lucid analysis of algorithms. It explains how the abstractions can be made concrete by using a programming language C. Each data structure is implemented in a variety of ways that provides the real choice for programmers and all programs are executed successfully. With the extensive use of figures and examples, the successive stages of an algorithm are explained in a much easier and understandable manner.

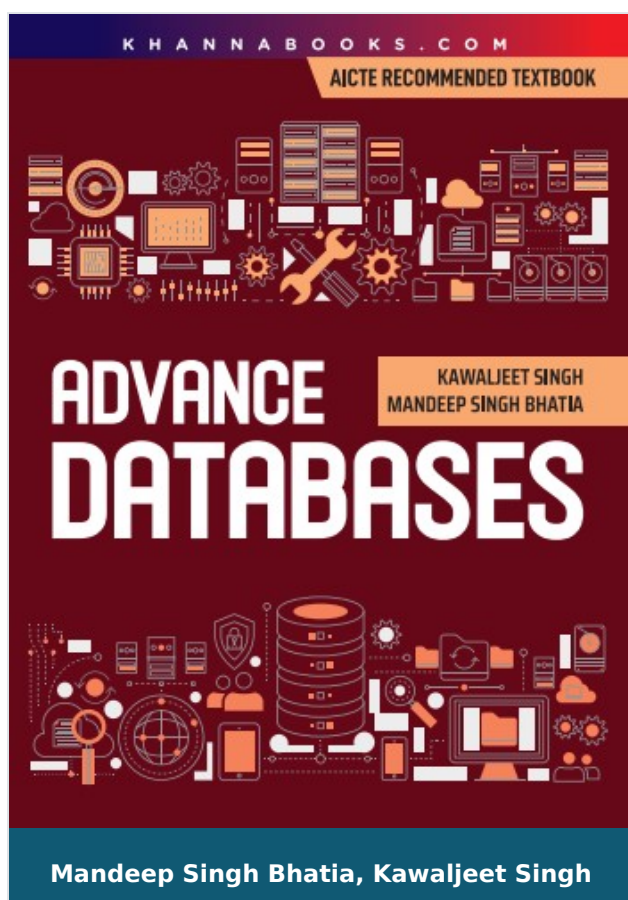
Table Of Contents

- Basic Terminology
- Stacks
- Recursion
- Queues
- Linked List
- Trees
- Searching & Hashing
- Sorting
- Graphs
- Files
- Program List
- Multiple Choice Questions
- Question Paper

Author

Anish Gupta

Anish Gupta is presently working as an Assistant Professor in the Department of Computer Science and Engineering at ITS Engineering College, Greater Noida. He has obtained B.Tech & M. Tech. (Computer Science & Engineering) and having 8 years of teaching experience.



Advance Databases

Author : Mandeep Singh Bhatia, Kawaljeet Singh

ISBN 13 : 978-81-90675-82-6

ISBN 10 : 8190675826

E-ISBN 13 : 978-81-90675-82-6

Edition : 1

Pages : 360

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 595.00

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

Condition Type : New

Country Origin : India

Product Description

This book provides a comprehensive introduction to database system concepts, design and their applications. Besides the introduction of the simple databases concepts; it also covers the advance databases concepts with latest developments and trends in database technology. Basic concepts of database management systems. Step-by-step information to the concepts of normalization with various normal forms. Relational database concepts such as relational algebra and relational calculus with simplified examples. Advance and emerging database concepts such as object oriented database, distributed database, data warehousing, OLAP and data mining. Exercises having long answer type question for university exams; MCQ's for competitive exams.

Table Of Contents

- Rudiments of Databases
- Modelling Databases
- Normalization
- Relational Databases Concepts
- Database Security
- Essentials of SQL
- Transaction Processing
- Concurrency Control
- Backup and Recovery
- Overview of Advance Databases Concepts
- Data Warehousing
- Online Analytical Processing
- Data Mining

Author

Mandeep Singh Bhatia

Mr. Mandeep Singh Bhatia is presently working as Lecturer in Department of Computer Science & IT, Lyallpur Khansa College, Jalandhar. He is Master in Information Technology and has appropriate knowledge of Computer Software and Hardware. He is proficient in applying Data Mining Techniques in various fields. His subjects of interest are Data Warehousing, Data Mining, Computer Networks and Computer Hardware. His total teaching experience is of 5 years. He has written one research paper which has been published in the proceedings of international conference held at Austria. Other books by authore are: "Fundamentals of Computer Hardware" and "A Beginner's Guide to Visual

Bsaic 6".

Kawaljeet Singh

Dr. Kawaljeet Singh is presently working as Director, University Computer Centre, Punjab University, Patiala. He is also acting as Dean Faculty of Computer Application (Honorary) & member industry-institute formation of quality committee, PTU, Jalandhar. Earlier, he worked as Professor and Head, Department of Computer Science & Engineering, Guru Nanak Dev University, Regional Campus, Jalandhar. He was also the chairman board of both postgraduate and undergraduate (CSE) & Dean Faculty of Engineering & Technology, GNDU, Amritsar. His total teaching experience is of 18 years. He has written 3 books. His 11 research papers are published in national journal and one paper in international journal.



Programming for problem solving (with Lab Manual)

Author : R.S. Salaria

ISBN 13 : 978-93-55381-32-3

ISBN 10 : 9355381328

E-ISBN 13 : 978-93-55381-32-3

Edition : 1

Pages : 404

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 is designed as per the model curriculum of AICTE for the first year students of all branches of undergraduate program 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:

1. Simple and lucid language that enables students to grasp the subject.
2. Demonstrates the elegant programming style.
3. 165+ ready to run programs for reference and to illustrate the program development process.
4. 135+ Short answer type questions to provide an opportunity for self-assessment of the fundamental concepts learned by answering them precisely.
5. 165+ multiple choice questions to provide an opportunity to synthesize the fundamental concepts.
6. 90+ Programming problems to provide an opportunity to harness programming skills.

Table Of Contents

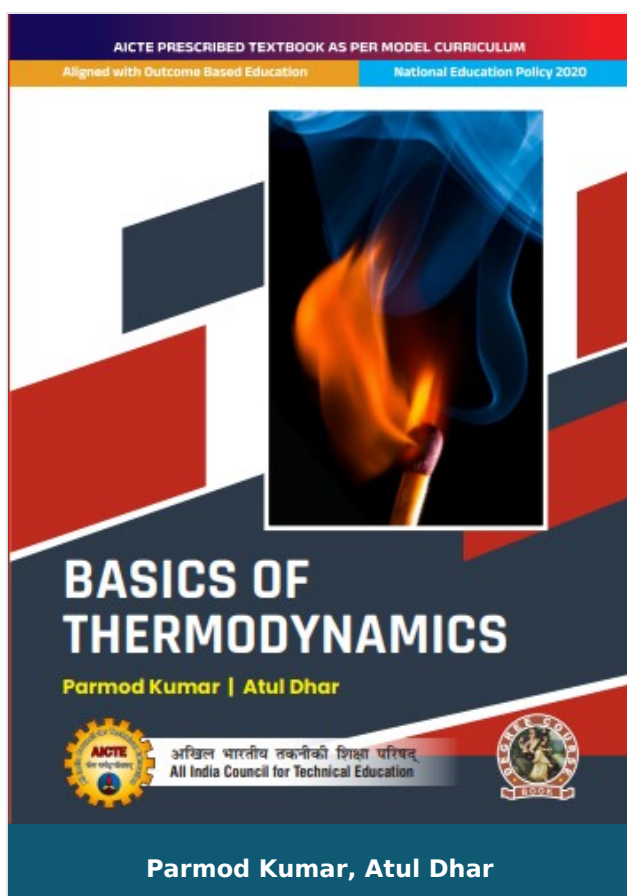
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Programme Outcome (POs)
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- Abbreviations and Symbols
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- Guidelines for Teacher
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- Introduction to Programming
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- Pointers.
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- References for further learning
- Co and PO attainment Table

- 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>



Basics of Thermodynamics

Author : Parmod Kumar, Atul Dhar

ISBN 13 : 978-93-55386-25-0

ISBN 10 : 9355386257

E-ISBN 13 : 978-93-55386-25-0

Edition : First

Pages : 284

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 528.00

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

Basics of Thermodynamics

This book titled Basics of Thermodynamics introduces the subject from the theoretical concepts to its applications in different energy conversion devices. The content of the book is designed as per the model curriculum of AICTE and mandates of the National Education Policy (NEP) 2020. The content of the book is described in a manner that beginners can follow the concepts in comfortable and cohesive manner. The content of the book is developed for entry level undergraduate students; however, it can be used by practicing engineers and graduate students for the comprehensive learning of the subject.

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 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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- Acknowledgement
- Preface
- Outcome Based Education
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- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Introduction and fundamental concepts
- Energy and the First Law of Thermodynamics
- Properties of Pure Substance
- Energy Analysis for Control Volumes
- Second Law of Thermodynamics
- Entropy
- Exergy
- Basic Power and Refrigeration Cycles
- Appendices
- CO and PO Attainment Table
- Index

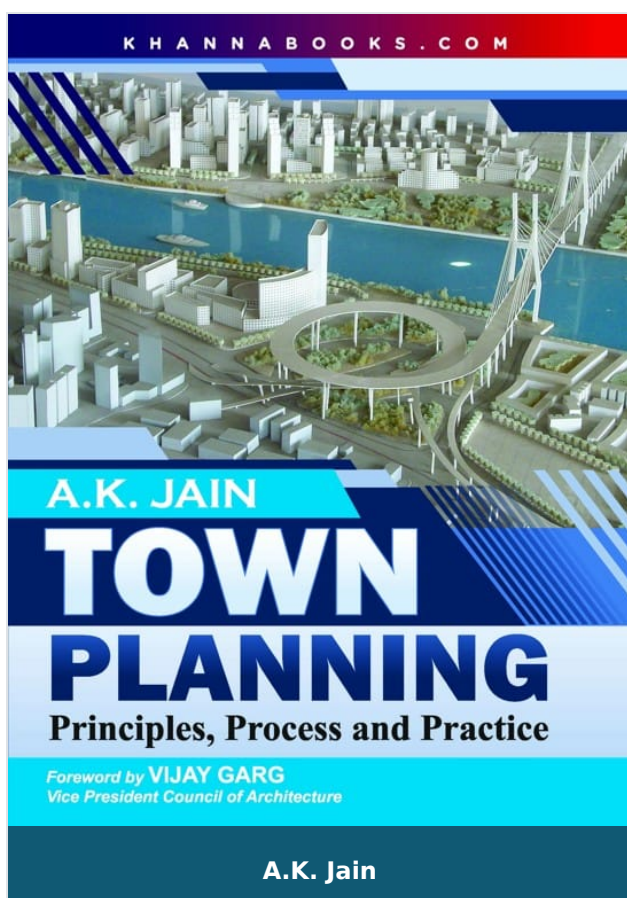
Author

Parmod Kumar

Dr. Parmod Kumar Assistant Professor, School of Mechanical and Materials Engineering,
IIT Mandi Dr.

Atul Dhar

Dr. Atul Dhar Associate Professor, School of Mechanical and Materials Engineering, IIT
Mandi



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.

Table Of Contents

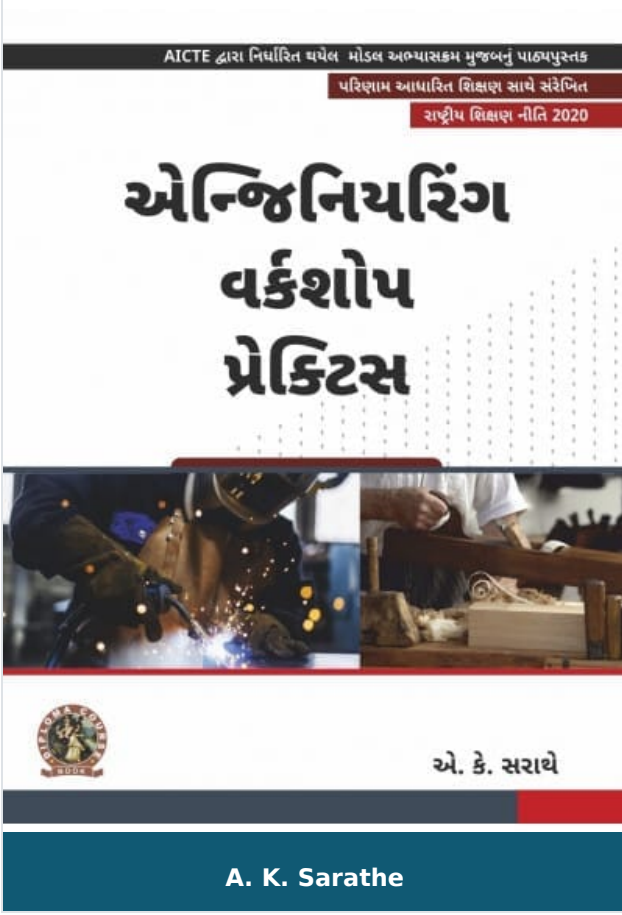
- Chapter-1: Introduction: Town Planning and urban Challenges
- Chapter-2: Evolution of Town Planning
- Chapter-3: Town Planning Surveys, mapping and Analysis
- Chapter-4: Towards a New Planning Framework
- Chapter-5: Planning policy and process
- Chapter-6: Town Planning and Social Infrastructure
- 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).



Engineering Workshop Practice

Author : A. K. Sarathe

ISBN 13 : 978-93-55380-35-7

ISBN 10 : 9355380356

E-ISBN 13 : 978-93-55380-35-7

Edition : First

Pages : 164

Type of book : Physical

Year : 2023

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 395.00

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

Condition Type : New

Country Origin : India

Product Description

“Engineering Workshop Practice Manual” is a common 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. Engineering Workshop Practice manual covers five units- First unit deals with the carpentry, second unit is about fitting , third unit focuses on welding, fourth units discusses about sheet metal working and the fifth unit deals with electrical house wiring . The manual comprises of total seventeen workshop practical from P1 to P17 and the same are arranged in hierarchical manner from simple to complex so that students should not only focus on completing the practical and getting the marks/ grades but will also be motivated to create useful products incorporating their creative and critical thinking as well.

Some salient features of the book:

1. Content of the manual aligned with the mapping of Course Outcomes, Programs Outcomes and practical outcomes.
2. Relevant theory has been included at the beginning of each practical.
3. The manual has been developed to ensure alignment with the Outcome Based Education philosophy and consisting of total seventeen workshop practical.
4. Unit wise practical are arranged in hierarchical manner from simple to complex.
5. Manual provides recent information and QR Code for E-resources etc.
6. Figures, photographs and table are inserted to improve clarity of the content.

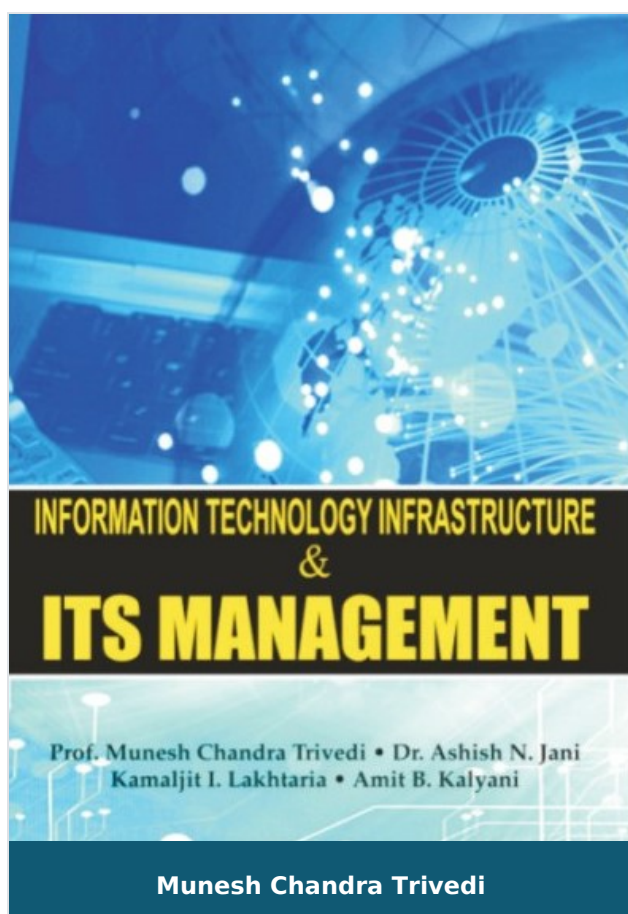
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- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
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- List of Figures,
- List of tables Guidelines for Teachers,
- Guidelines for Students
- Carpentry
- Fitting
- Welding Tools and Equipment
- Sheet Metal Working
- Electrical House wiring
- Index

Author

A. K. Sarathe

A. K. Sarathe



Information Technology Infrastructure & Its Management

Author : Munesh Chandra Trivedi

ISBN 13 : 978-93-80016-31-3

ISBN 10 : 938001631X

E-ISBN 13 : 978-93-80016-31-3

Edition : 1

Pages : 292

Type of book : Physical

Year : 2014

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 225.00

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

Condition Type : New

Country Origin : India

Product Description

There are many books available in the market on the proposed topic but none of them can be termed as comprehensive, Besides, students face problem in understanding the language of the books, seeing these problems, it struck our mind that we should come up with a book in IT infrastructure & Its management, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and universities.

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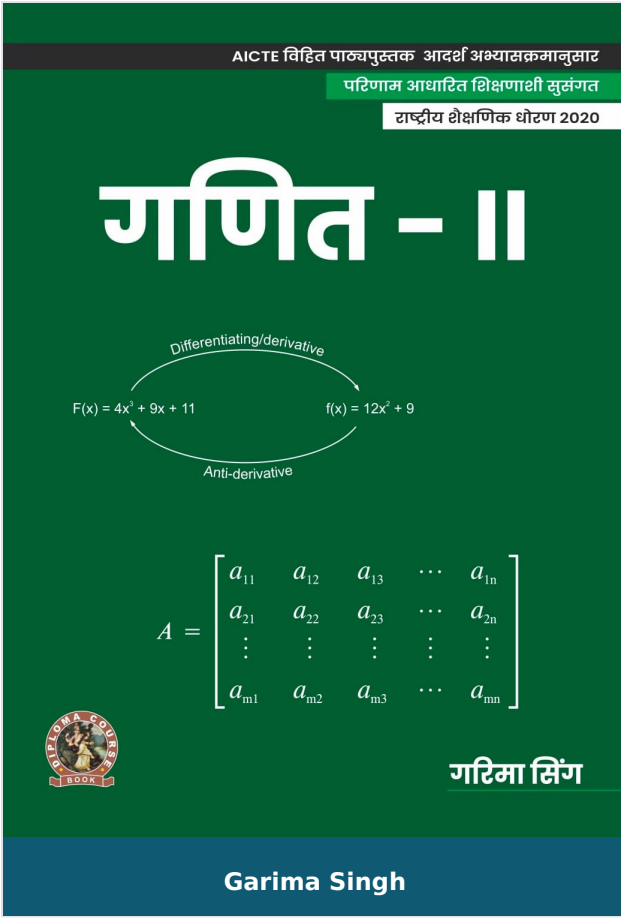
- Introduction to Information Technology
- Internet
- Service Support Process
- Storage Management
- Security Management
- Legal Issues for E-Business
- Emerging Trends in IT

Author

Munesh Chandra Trivedi

Dr. Munesh Chandra Trivedi has more than 20 years of experience in the field of computer science & Engineering and has worked in Prestigious Institutions. He has more than 10 years' experience in various administrative responsibilities e.g., Dean (academics), Head of Department, TEQIP-111 Coordinator, PG coordinator, EDC cell Coordinator. Currently working Tripura, India, and Associate Professor and HoD (IT), Rajkiya Engineering College, Azamgarh, up (state Govt Institution of UP) with the additional responsibility of Dean Academics of the institute & Associate Dean UG Programs, Dr. APJ Abdul Kalam Technical University, Lucknow (State Technical University). He was also the Director (In-charge) at Rajkiya Engineering College, Azamgarh. He had successfully filed 81 patents (65 National and 16 International Patents (Germany, South Africa, and Australia)), out of which 40 patents were granted. He has published 12 textbooks and 168 research papers in different International Journals and proceedings of repute. He has also edited 38 books for springer Nature. He successfully supervised 14 PhD students and received numerous awards, including the Young scientist

Visiting Fellowship, Albert Einstein Research scientist Award, Best senior Faculty Award, Outstanding Scientist, Dronacharya Award, Author of the Year, and vigyan Ratan award from different national, as well as international forums. He has organized more than 32 international conferences technically sponsored by IEEE, ACM, AND Springer. Dr.



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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