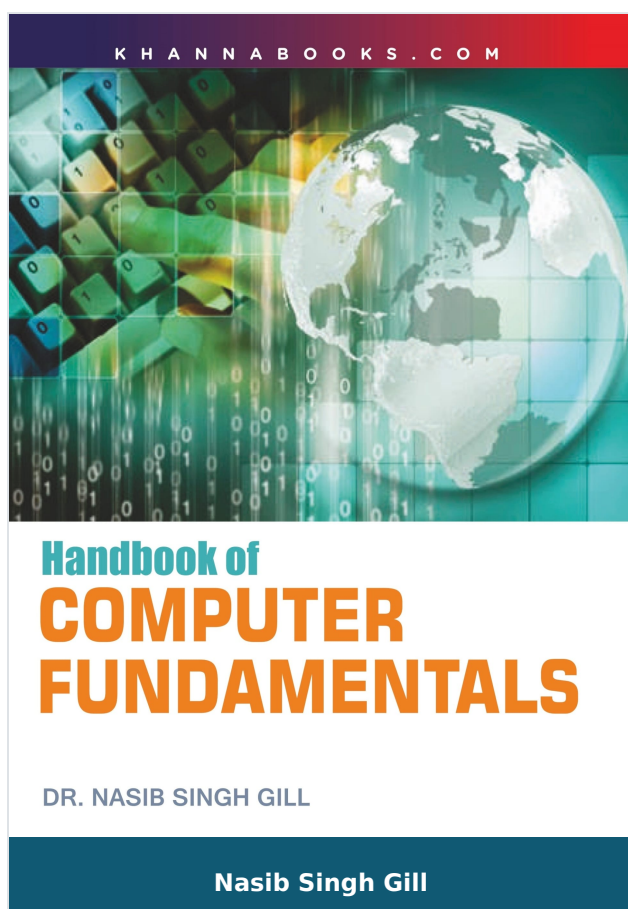




## Handbook of Computer Fundamentals

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Nasib Singh Gill                                                                          |
| <b>ISBN 13 :</b>        | 978-93-82609-67-4                                                                         |
| <b>ISBN 10 :</b>        | 9382609679                                                                                |
| <b>E-ISBN 13 :</b>      | 978-93-82609-67-4                                                                         |
| <b>Edition :</b>        | 1                                                                                         |
| <b>Pages :</b>          | 400                                                                                       |
| <b>Type of book :</b>   | Physical                                                                                  |
| <b>Year :</b>           | 2025                                                                                      |
| <b>Language :</b>       | English                                                                                   |
| <b>Publisher :</b>      | Khanna Publishing House                                                                   |
| <b>M.R.P :</b>          | Rs 390.00                                                                                 |
| <b>Categories :</b>     | <a href="#">Computer Science Engineering,</a><br><a href="#">Book Store, Best Sellers</a> |
| <b>Condition Type :</b> | New                                                                                       |
| <b>Country Origin :</b> | India                                                                                     |

## Product Description

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The complete spectrum of computer fundamentals starting from historical evolution of computers to its successful usage among common men. Another important dimension of the book includes its opening from general concept of data communication to the extent of internet & usage. The book also attempts to highlight the societal impacts of the computer technology. The language used in the book is lucid, is easy to understand, and facilitates easy grasping of concepts. The chapters have been logically arranged in sequence. The book is written in a reader-friendly manner both for the students and the teachers. Most of the contents presented in the book are in the form of bullets, organized sequentially. This form of presentation, rather than in a paragraph form, facilitates the reader to view, understand and remember the points better. The explanation is supported by diagrams, pictures and images wherever required. Adequate exercises have been given at end of the every chapter.

## Table Of Contents

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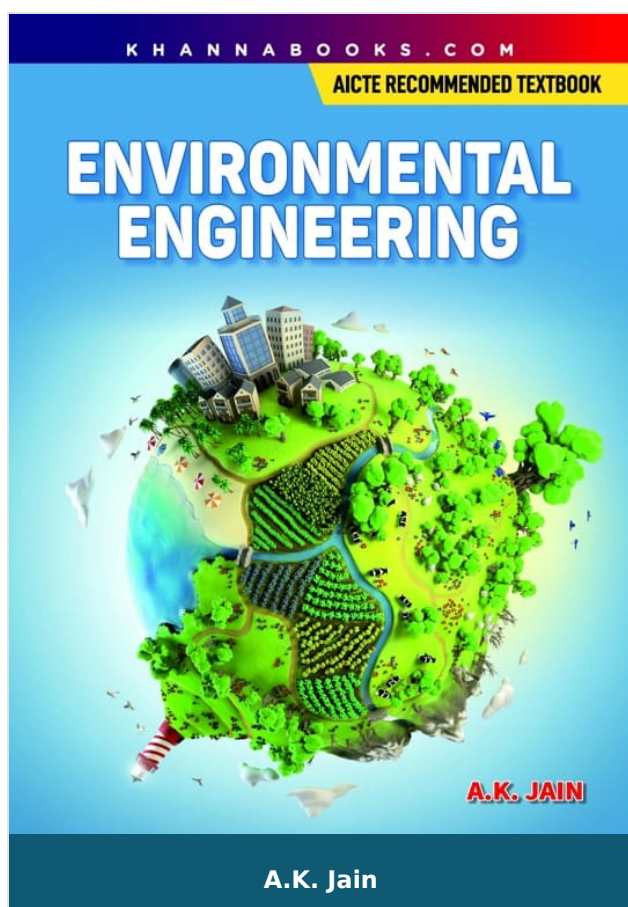
- Historical Evolution of Data processing and Computing
- Computers and their Classification
- Number Systems and their Inter conversions
- Computer Codes and Their Types
- Input and Output devices
- Memory and Mass Storage Devices
- Software and Operating System Concepts
- Programming languages and Program development
- Data Communication and Related Concepts
- Computer Networks and Internet
- Computer Applications.

## Author

---

### Nasib Singh Gill

Dr. Nasib Singh Gill is a high profile and an acknowledge teacher. Dr. Gill obtained his Ph.D. degree in Computer Science in March 1996 under the supervision of a very renowned and an eminent Computer Scientist, Pro-Head, Department of Computer Science & Applications, M.D. University, Rohatak. He is working in Department of Computer Science & Applications, M.D. University, Rohtak since its inception in Feb. 1990. Presently, he is working as Senior Faculty in the department and has more than 10.5 years of teaching experience. His area of research is 'Software Metrics', a sub-area of 'Software engineering' discipline and presently he is orienting himself in the area of 'Information Technology'



## Environmental Engineering

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | A.K. Jain                                                                                                                   |
| <b>ISBN 13 :</b>        | 978-93-86173-63-8                                                                                                           |
| <b>ISBN 10 :</b>        | 9386173638                                                                                                                  |
| <b>E-ISBN 13 :</b>      | 978-93-86173-63-8                                                                                                           |
| <b>Edition :</b>        | First                                                                                                                       |
| <b>Pages :</b>          | 568                                                                                                                         |
| <b>Type of book :</b>   | Physical                                                                                                                    |
| <b>Year :</b>           | 2024                                                                                                                        |
| <b>Language :</b>       | English                                                                                                                     |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                                     |
| <b>M.R.P :</b>          | Rs 525.00                                                                                                                   |
| <b>Categories :</b>     | <a href="#">Civil Engineering, UNIVERSITY RECOMMENDED, Environmental Engineering, Environmental Engineering, Book Store</a> |
| <b>Condition Type :</b> | New                                                                                                                         |
| <b>Country Origin :</b> | India                                                                                                                       |

**Khanna Publishing House**

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

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

## Product Description

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The book Environmental engineering covers a wide range of topics-water, sanitation and drainage, solid and liquid waste treatment, energy, pollution control and environmental planning. the basis of environmental engineering is the sustainability which include the ecology, climate, geology, hydrology, and infrastructure services. One of the major challenges pertains to making the cities more sustainable by environmental planning, which have been explained in detail. Several examples, explained in a simple, flowing language and more than 200 drawings and visuals give a practical focus to the book.

## Table Of Contents

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- Chapter-1: An Introduction to Environmental Engineering
- Chapter-2: Water
- Chapter-3: Water Supply in Buildings
- Chapter-4: Sanitation and Sewerage
- Chapter-5: Drainage and Storm Water Management
- Chapter-6: Solid Waste Management
- Chapter-7: Energy Conservation and Efficiency
- Chapter-8: Water Pollution and Health
- Chapter-9: Waste Water Treatment
- Chapter-10: Environmental Planning
- Glossary, Terms and Definition
- Bibliography

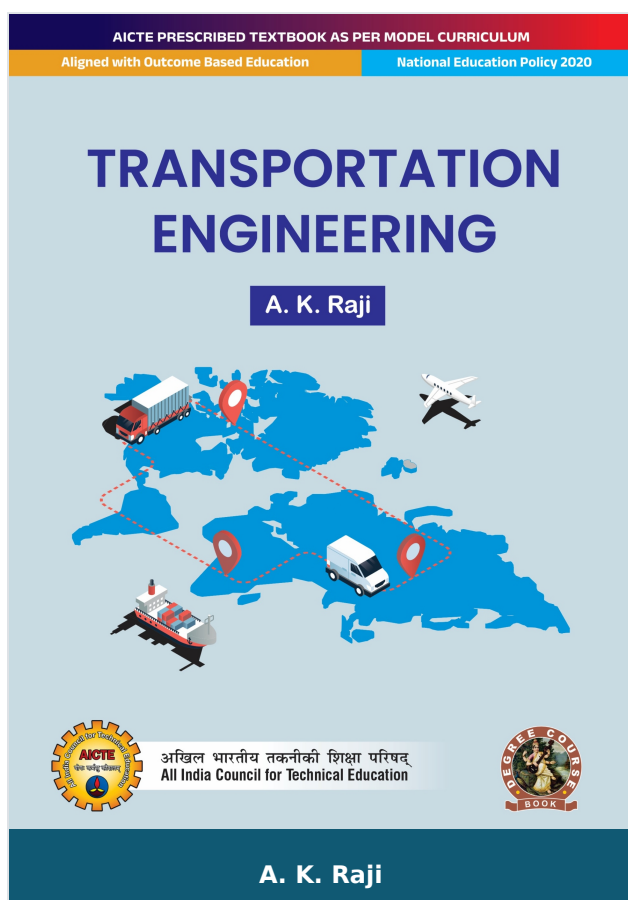
## Author

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### 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).



## Transportation Engineering | AICTE Prescribed Textbook (UG512EN)

|                         |                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------|
| <b>Author :</b>         | A. K. Raji                                                                               |
| <b>ISBN 13 :</b>        | 978-93-55384-92-8                                                                        |
| <b>ISBN 10 :</b>        | 9355384920                                                                               |
| <b>E-ISBN 13 :</b>      | 978-93-55384-92-8                                                                        |
| <b>Edition :</b>        | First                                                                                    |
| <b>Pages :</b>          | 384                                                                                      |
| <b>Type of book :</b>   | Physical                                                                                 |
| <b>Year :</b>           | 2026                                                                                     |
| <b>Language :</b>       | English                                                                                  |
| <b>Publisher :</b>      | Khanna Publishing House                                                                  |
| <b>M.R.P :</b>          | Rs 495.00                                                                                |
| <b>Categories :</b>     | <a href="#">AICTE Prescribed Textbooks,</a><br><a href="#">English Books, Book Store</a> |
| <b>Condition Type :</b> | New                                                                                      |
| <b>Country Origin :</b> | India                                                                                    |

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

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## Product Description

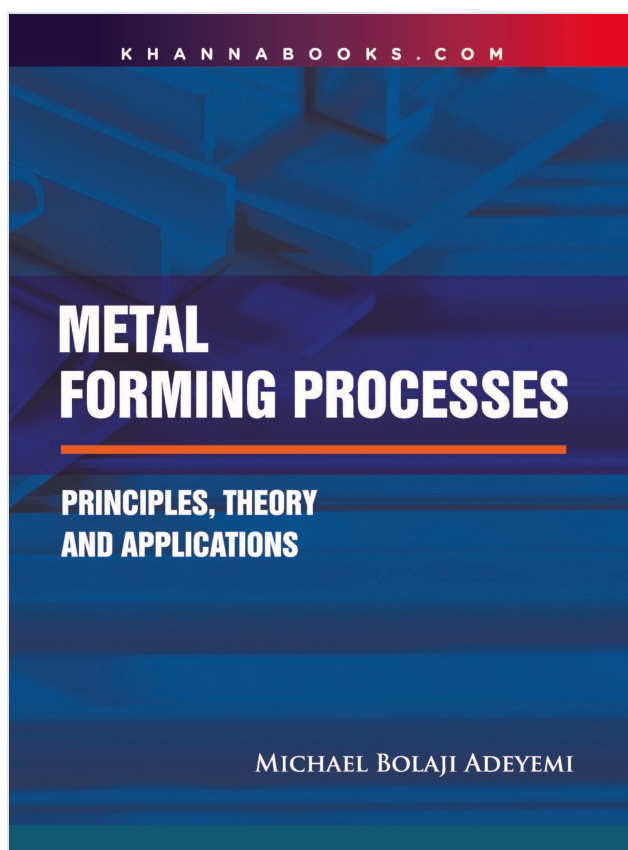
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Transportation Engineering | AICTE Prescribed Textbook (UG512EN)

## Author

---

**A. K. Raji**



## Metal Forming Process

**Author :**

**ISBN 13 :** 978-81-95123-17-9

**ISBN 10 :** 8195123171

**E-ISBN 13 :** 978-81-95123-17-9

**Edition :** First

**Pages :** 500

**Type of book :** Physical

**Year :** 2023

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 650.00

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

**Condition Type :** New

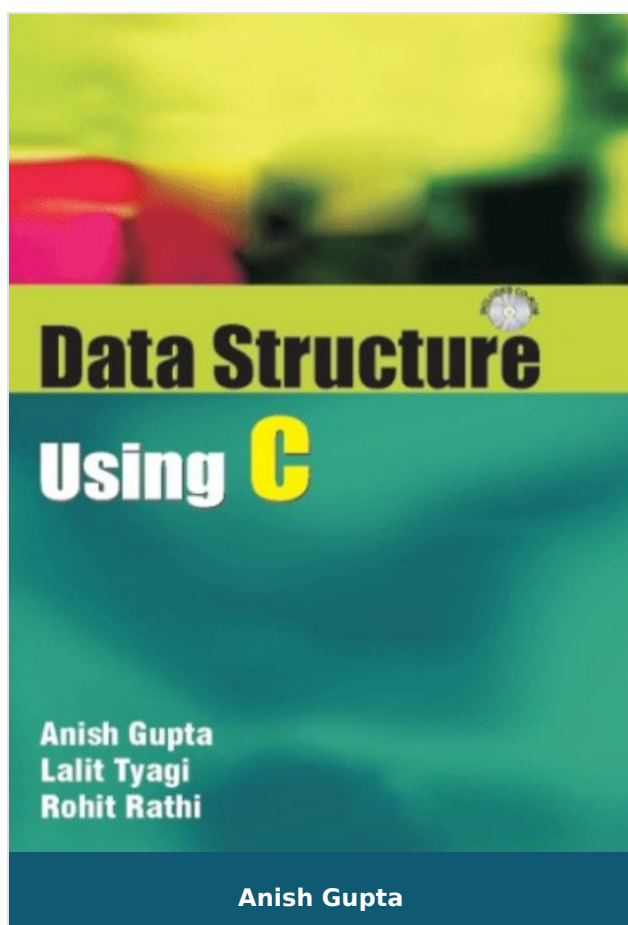
**Country Origin :** India

## Product Description

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This book is written to provide the following unique features:

- This book is presented in an easy to understand manner by explaining simply and clearly the basic operating principles involved in some of the metal forming processes.
- It is written primarily for use by both undergraduate and post graduate students. Relevant references with old and current literatures are cited so as to assists the students to read deeper to most topics.
- It contains many recent developments and new topics of research in metal forming processes.
- It is an excellent reference book with theoretical formulations and operating principles for various technological developments in metal forming Processes that can be useful to practicing engineers.
- Numerous illustrative examples have been included throughout the book with selected problems for the students to solves.



## Data Structures Using C

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

## Product Description

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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

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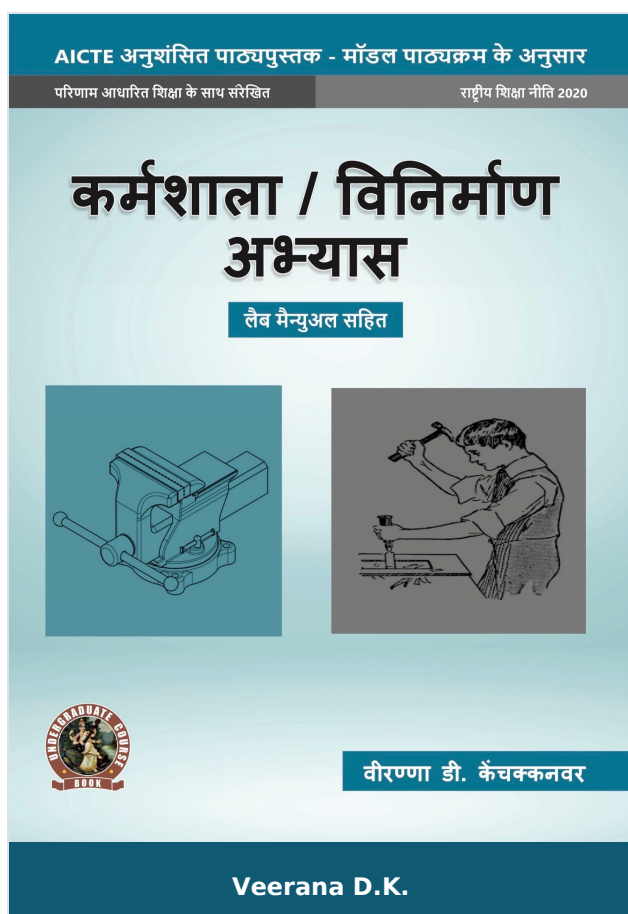
- Basic Terminology
- Stacks
- Recursion
- Queues
- Linked List
- Trees
- Searching & Hashing
- Sorting
- Graphs
- Files
- Program List
- Multiple Choice Questions
- Question Paper

## 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.



## Workshop / Manufacturing Practices (with Lab Manual)

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| <b>Author :</b>         | Veerana D.K.                                                                |
| <b>ISBN 13 :</b>        | 978-93-55381-23-1                                                           |
| <b>ISBN 10 :</b>        | 9355381239                                                                  |
| <b>E-ISBN 13 :</b>      | 978-93-55381-23-1                                                           |
| <b>Edition :</b>        | First                                                                       |
| <b>Pages :</b>          | 172                                                                         |
| <b>Type of book :</b>   | Physical                                                                    |
| <b>Year :</b>           | 2023                                                                        |
| <b>Language :</b>       | English                                                                     |
| <b>Publisher :</b>      | Khanna Publishing House                                                     |
| <b>M.R.P :</b>          | Rs 495.00                                                                   |
| <b>Categories :</b>     | <a href="#">AICTE Prescribed Textbooks, Hindi Books, Book Store, Ebooks</a> |
| <b>Condition Type :</b> | New                                                                         |
| <b>Country Origin :</b> | India                                                                       |

## Product Description

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The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations.

### Salient Features:

1. Manufacturing Methods
2. CNC Machining, Additive manufacturing
3. Fitting operations & power tools
4. Electrical & Electronic
5. Carpentry
6. Plastic moulding, glass cutting
7. Metal casting
8. Welding (arc welding & gas welding), brazing

9. Laboratory experiments and models

10. Appendices

11. References

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- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Part- A: Manufacturing Practices
  - Manufacturing Methods
  - CNC Machining, Additive manufacturing, Fitting
  - operations & power tools
  - Electrical & Electronic
  - Carpentry, Plastic moulding, glass cutting
  - Metal casting, welding (arc welding & gas welding), brazing
- Part- B: Workshop Practice Laboratory
- Appendices
- References

## Author

---

**Veerana D.K.**

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations. Salient Features: I Manufacturing Methods I CNC Machining, Additive manufacturing I Fitting operations & power tools I Electrical & Electronic I Carpentry I Plastic moulding, glass cutting I Metal casting I Welding (arc welding & gas welding), brazing I Laboratory experiments and models I Appendices I References



## Introduction to IT Systems (with Lab Manual)

|                         |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| <b>Author :</b>         | Prashant Joshi                                                                         |
| <b>ISBN 13 :</b>        | 978-93-55381-72-9                                                                      |
| <b>ISBN 10 :</b>        | 9355381727                                                                             |
| <b>E-ISBN 13 :</b>      | 978-93-55381-72-9                                                                      |
| <b>Edition :</b>        | 1                                                                                      |
| <b>Pages :</b>          | 300                                                                                    |
| <b>Type of book :</b>   | Physical                                                                               |
| <b>Year :</b>           | 2025                                                                                   |
| <b>Language :</b>       | English                                                                                |
| <b>Publisher :</b>      | Khanna Publishing House                                                                |
| <b>M.R.P :</b>          | Rs 295.00                                                                              |
| <b>Categories :</b>     | <a href="#">AICTE Prescribed Textbooks,</a><br><a href="#">Ebooks, Malayalam Books</a> |
| <b>Condition Type :</b> | New                                                                                    |
| <b>Country Origin :</b> | India                                                                                  |

## Product Description

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“INTRODUCTION TO SYSTEMS” is a compulsory paper for the first year Diploma 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 five units- Internet Skills and Computer Basics, Operating Systems, HTML and CSS, open Office Tools. And information Security Best Practices. Each topic in units is written in each and lucid manner. Every unit contains a set of exercise at the end of each unit to test student’s comprehension.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes.
2. Practical are included with each unit for better understanding of the theoretical concepts.
3. Book Provides interesting facts and various activities pertaining to topic. QR Codes are used for additional E-resources, use of ICT, online code editors, online quiz etc.
4. Student and teacher centric subject materials included in balanced and chronological manner.
5. Figures, tables, source code for web programming, numerous examples and applications are included to improve clarity of the topics.
6. Objective questions, subjective questions and crossword exercise are given for practice of students after every chapter.

## Table Of Contents

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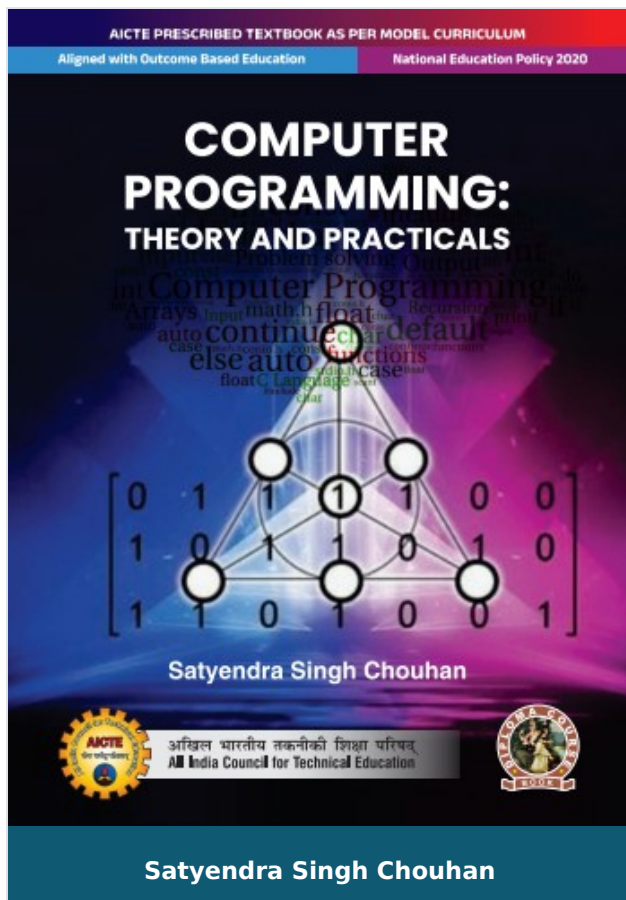
- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- List of Abbreviations
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Internet skills and computer Basics.
- Operating Systems.
- HTML AND CSS.
- Open Office Tools.
- Information Security Best Practices.
- Annexure
- Appendices
- Index

## Author

---

**Prashant Joshi**

Prashant Joshi



## Computer Programming: Theory and Practicals

**Author :** Satyendra Singh Chouhan

**ISBN 13 :** 978-93-55382-67-2

**ISBN 10 :** 9355382677

**E-ISBN 13 :** 978-93-55382-67-2

**Edition :** First

**Pages :** 188

**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

## Product Description

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### Computer Programming: Theory and Practicals

This book is written to provide fundamental knowledge of problem-solving using c programming language for beginners. It employs real-life examples for better understanding. It covers topics such as the foundation of c programming, input-output in c, control statements, Arrays and functions, and recursion & recursive solutions. This book is an amalgamation of theoretical understanding and practical applications.

This book includes visuals and step-by-step solutions for explaining the key concepts. This book is aimed at diploma and undergraduate engineering students to enhance their problem-solving skills.

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.

## Table Of Contents

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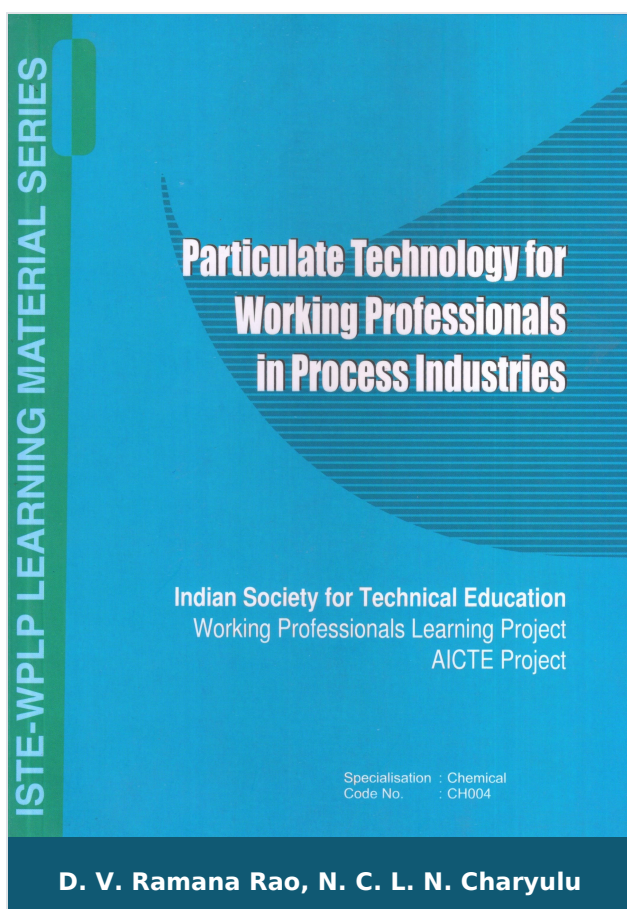
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Problem solving using Computers
- Operators and Input-Output in c
- Control statements in c
- Arrays and Functions in C
- Recursion and recursive solutions
- Appendices
- References for further learning
- CO and PO Attainment table
- Index

## Author

---

**Satyendra Singh Chouhan**

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



## Particulate Technology for Working Professionals in Process Industries

**Author :** D. V. Ramana Rao, N. C. L. N. Charyulu

**ISBN 13 :** 978-93-55386-75-5

**ISBN 10 :** 9355386753

**E-ISBN 13 :** 978-93-55386-75-5

**Edition :** 1

**Pages :** 212

**Type of book :** Physical

**Year :** 2013

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 298.00

**Categories :** [Chemical Engineering, Book Store, ISTE Series](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

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Particulate Technology, a study of particulate materials, their properties and behavior in processes, is of increasing importance in process industries. Particulates are frequently encountered in modern technology that it is difficult to name an area of industrial activity where such materials do not play a significant part.

The term "particulates" is used to include small pieces of solid material ordinarily called "particles", small masses of liquids usually termed "drop" and isolated quantities of gas surrounded by a continuous phase normally termed "bubbles".

Research in the field of particulates is being carried out in several disciplines-Chemical, mechanical, mining and metallurgical engineering, food and pharmaceutical technology, agriculture, medicine, air pollution etc. There is much in common between these various disciplines in regard to particulate problems.

In recent years, however, there is growing awareness in all the process industries and among research, design and development workers in chemical engineering, and other process industries, as our present knowledge of particulate systems is extremely meager and several workers have taken keen interest in the problems of Particulate Technology.

## Table Of Contents

---

- FOREWORD
- PREFACE
- Size Reduction Operation
- Size Enlargement
- Particle Characterization
- Separation of Solids and Enrichment
- Mixing and Homogenization
- Bulk Material Handling and Storage
- Drying Operation
- Principles of Fluidization and Applications
- Rheology of Non-Newtonian Solid-in-liquid Systems
- Case Studies
- Case Study -1
- Case Study -2
- Case Study -3

## Author

---

### **D. V. Ramana Rao**

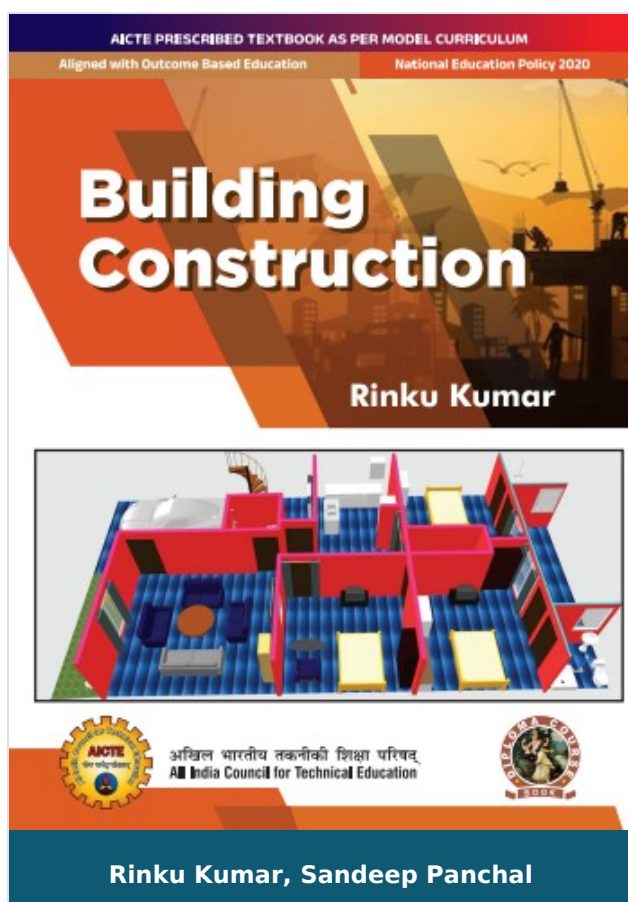
Dr. D. V. Ramana Rao received his B.Sc. (Hons.) and M.Sc. in Chemical Technology from Andhra University and Ph.D. in Chemical Engineering from Indian Institute of Technology, Madras in 1970. He worked as a Research Associate, as part of post doctoral work at DECHEMA-Institute, Frankfurt, Germany in the field of corrosion for two years. Before joining Ph.D. , he worked in Andhra University, I.I.T. , Kanpur, and in the Chemical Engineering Department of National Sugar Institute as a lecturer. After returning from

Germany, he joined as a Scientist at senior level in National Council for Cement and Building Materials (NCB), [formerly known as Cement Research Institute of India], New Delhi and retired as Joint Director, after working for 26 years. After retiring from NCB, he worked as Professor & Head of Chemical Engineering Department of BVRIT, Hyderabad and IS Sadan College of Engg. and Technology, Hyderabad (present Boji Reddy College of Engineering) nearly for 2 years. At present he is the Managing partner of Institute of Particulate Technology International (IPTI) from June 2004, which carries sponsored research work, training programmes for working personnel in Industry and Consultancy. He has authored 21 research papers, published in international, national journals and international seminars. He has to his credit 2 patents. He has prepared 15 and technical reports of R&D work and coordinated more than 30 training programmes and 4 workshops to working personnel in cement manufacturing industries. At present as a managing partner of IPTI, he has carried out 7 sponsored projects and two training programmes to working personnel in cement and pharmaceutical Industry.

#### **N. C. L. N. Charyulu**

N. C. L. N. CHARYULU obtaining B. Tech. (Chem. Engg.) from Andhra University in 1963, M. Tech. (Chem. Engg.) with specialization in Chemical Plant Design, from I.I.T., Kharagpur, in 1967 (Technical Teacher Trainee) and Ph.D. ( Chem. Engg.) from I.I.Sc., in 1977. Joined Karnataka Regional Engineering College, KREC Surathkal (presently renamed as National Institute of Technology Surathkal) as lecturer in 1967. Served in different capacities as Asst. Prof. Professor, Head of Chemical Engineering Department and Dean Students Affairs. Taken voluntary retirement in March, 2001 and joined Chaitanya Bharati Institute of Technology (CBIT). Served as Prof. and Head Chem. Engg. Dept. CBIT till May, 2010. Total teaching experience of 46 Y (1964-2010). He was awarded National Biotechnology Associate for One Year (1988-1989) during which he was a visiting professor at Fermentation Technology and Bioengineering C.F.T.R.I., Mysore, in the Biotechnology associate ship programme. May-Nov 1990, he spent 3 months at NCSU,

Raleigh, N.C., USA, another 3 months at U.M.C., U.S.A. and Indian Secondment Visiting Professorship for one semester 1996-97 at School of Environment Resource Development, Asian Institute of Technology, Bangkok, Thailand. He has Coordinated two I.S.T.E. sponsored Winter/Summer School a ) Fluidization Engineering 1980;b) Bioconversion process optimization computer modeling -1989 and two refresher courses to working professionals a ) Application of Chem. Eng. principle to Urea plant operator of MCF, Panambur, 1993 and b ) Unit operations for design, production and maintenance personnel in cement and mineral based industries, October 20-25,2008. He guided four theses for Ph.D. a) Biosynthesis for Cellulase enzyme and Modeling, 1994. b( Bioremediation of industrial and domestic effluents by microorganisms1990c) Studies on biodegradation of high BOD effluent by anaerobic digestion and modeling 2001.d) Study of Coagulation/flocculation Process by polyelectrolytes for effective solid- liquid separation in water and wastewater treatment 2005. In addition he has guided over 20 M.Tech. theses. His areas of specialization are Chemical plant design, chemical reaction engineering, Enzyme synthesis, Biomediation, Biosynthesis and Bioconversion; Simulation & Computer Modeling, Application of Science and Technology to Rural areas for utilization of Agro waste Environmental Impact Assessment; Environment Management Planning. He published about 15 technical papers in International and national journals and seminars/symposia. He delivered number of invited lectures. He was a Chairman and / or member of several academic bodies of different Universities-Mysore, Bangalore, Mangalore, Osamnia, Kuvempu etc.



## Building Construction

**Author :** Rinku Kumar, Sandeep Panchal

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## Product Description

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### Building Construction

This book familiarizes the students with the basics of building construction. The main aim of this book is to provide conceptual knowledge of techniques and processes used for the construction of buildings that can be applied with the model curriculum of AICTE followed by the concept of outcome-based education according to the 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.
- The book consists of a lot of information about the construction of the various parts of building, making it easier to understand by the students.
- The 2-d and 3-D figures are given for enhancing the understanding of the subject in the students and field engineers.
- QR codes are given in the book to access advanced information about the different topics.
- Apart from the essential information, a 'know more' section is also included that gives information the historical facts and enhances the interest of the students in the subjects.
- Short-answer, long answer and multiple-choice questions (MCQs) are given for practice at the end of each unit.

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