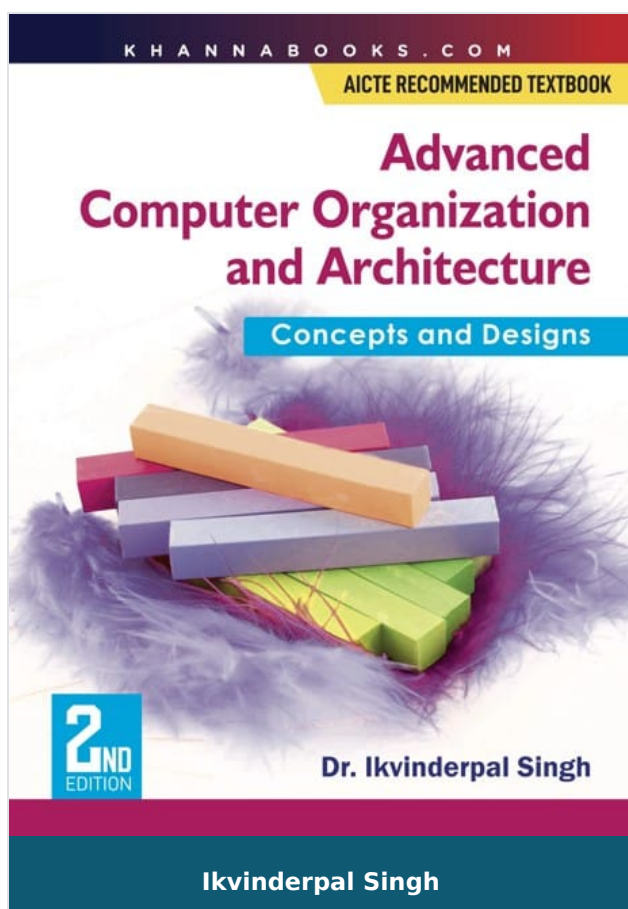




## Advanced Computer Organization & Architecture

|                         |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Ikvinderpal Singh                                                                                                                                                        |
| <b>ISBN 13 :</b>        | 978-93-55387-01-1                                                                                                                                                        |
| <b>ISBN 10 :</b>        | 9355387016                                                                                                                                                               |
| <b>E-ISBN 13 :</b>      | 978-93-55387-01-1                                                                                                                                                        |
| <b>Edition :</b>        | 2                                                                                                                                                                        |
| <b>Pages :</b>          | 396                                                                                                                                                                      |
| <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 549.00                                                                                                                                                                |
| <b>Categories :</b>     | <a href="#">Computer Science Engineering,</a><br><a href="#">UNIVERSITY RECOMMENDED,</a><br><a href="#">Computer Science Engineerings,</a><br><a href="#">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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Describes the introduction of advanced computer architecture and parallel processing. Covers the paradigms of computing like synchronous and asynchronous. Detailed explanation of the Flynn's classification, Kung's taxonomy and reduction paradigm. provides a detailed treatment of abstract parallel computational models like combination circuits, sorting network, PRAM models, interconnection RAMs. Covers the parallelism in uniprocessor systems. Provides an extensive treatment of parallel computer structures like pipeline computers, array computers and multiprocessor systems. Covers the concepts of pipeline and classification of pipeline processors. Give description of super scalar, super pipeline design and VLIW processors. Explains the design structures and algorithms for array processors.

## Table Of Contents

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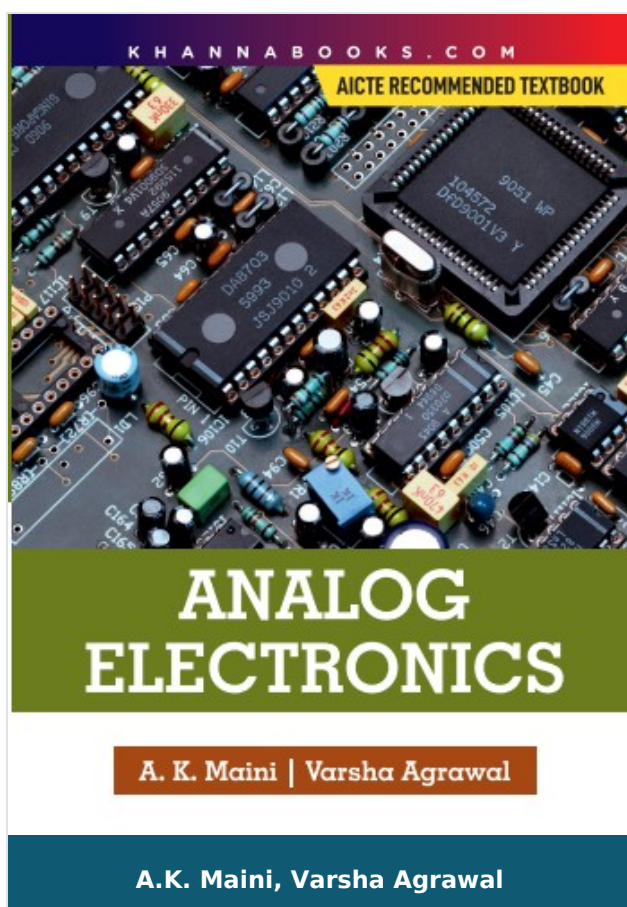
- Introduction To Advanced Computer Architecture And Parallel Processing
- Paradigms of Computing: Synchronous
- Paradigms of Computing-Asynchronous MIMD
- Abstract Parallel Computational Models
- Parallelism in Uni-processor Systems
- Parallel Computer Structures
- Pipe lining
- Principles of Designing Pipelines Processors
- Super scalar and Super pipeline Design
- Design Structures and Algorithms for Array Processors

## Author

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### **Ikvinderpal Singh**

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.



## Analog Electronics

**Author :** A.K. Maini, Varsha Agrawal

**ISBN 13 :** 978-93-86173-58-4

**ISBN 10 :** 9386173581

**E-ISBN 13 :** 978-93-86173-58-4

**Edition :** First

**Pages :** 664

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 750.00

**Categories :** [UNIVERSITY RECOMMENDED,](#)  
[Electrical, Electronics &](#)  
[Communication Engineering, Book](#)  
[Store](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

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Analog Electronics is a complete and yet concise textbook on Analog Electronics covering Semiconductor Devices and associated circuits. Major topics covered in the book include Semiconductor device fundamental, Small signal and Large signal analysis of amplifiers, Low and High frequency response of amplifiers, Sinusoidal and Non-sinusoidal oscillators, feedback amplifiers, Operational amplifiers and application circuits, D/A and A/D converters and finally Switched capacitor circuits. the contents are strictly as per the syllabus as prescribed by AICTE. the book is replete with Solved problems and Self-evaluation exercises including Multiple choice question with answers.

## Table Of Contents

---

- Chapter-1: Semiconductor Diodes-Fundamentals, Types and Circuits
- Chapter-2: Bipolar Junction Transistor
- Chapter-3: Field- Effect Transistors
- Chapter-4: Small Signal Analysis of Amplifiers
- Chapter-5: Multistage Amplifiers
- Chapter-6: Large Signal Amplifiers
- Chapter-7: Feedback Amplifiers
- Chapter-8: Oscillators- Sinusoidal and Non-Sinusoidal
- Chapter-9: Introduction to Operational Amplifiers
- Chapter-10: Opamp Circuits
- Chapter-11: Digital-to-Analog and Analog-to-Digital Converters
- Chapter-12: Switched Capacitor Circuits
- INDEX

## Author

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### A.K. Maini

A.K. Maini Dr. Anil K. Maini served Defence Research and Development Organisation (DRDO) for 36 years in different capacities. Before superannuation, he served as Director of Laser Science and Technology Centre (DRDO) from September 2008 to June 2014. His areas of expertise include Optoelectronic simulators and sensors, Laser systems, Electro-optic countermeasures and High voltage electronics, He has authored and co-authored 15 books more than 150 publications in national/international journals/magazines and has 12 patents (four granted, eight pending) to his credit. Currently, he is Consultant in Defence Technologies.

**Varsha Agrawal**

Varsha Agrawal is a Senior Scientist with DRDO. She has more than 19 year of R&D experience in Laser Systems, Optronics sensor systems and Embedded electronics. She has authored and co-authored five books and has large number of publications in national and international journals/magazines and has one patent to her credit.



## Programming for Problem Solving (with Lab Manual)

**Author :** R.S. Salaria

**ISBN 13 :** 978-93-91505-67-7

**ISBN 10 :** 9391505678

**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, Book Store, 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:

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

## 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

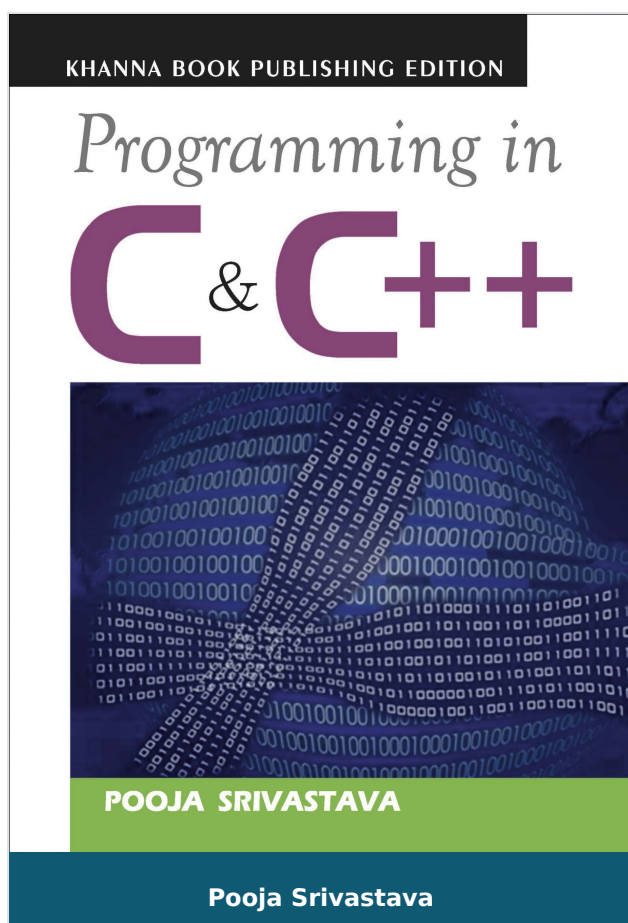
- Index

## 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>



## Programming in C & C++

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| <b>Author :</b>         | Pooja Srivastava                                                            |
| <b>ISBN 13 :</b>        | 978-93-82609-24-7                                                           |
| <b>ISBN 10 :</b>        | 9382609245                                                                  |
| <b>E-ISBN 13 :</b>      | 978-93-82609-24-7                                                           |
| <b>Edition :</b>        | First                                                                       |
| <b>Pages :</b>          | 336                                                                         |
| <b>Type of book :</b>   | Physical                                                                    |
| <b>Year :</b>           | 2014                                                                        |
| <b>Language :</b>       | English                                                                     |
| <b>Publisher :</b>      | Khanna Publishing House                                                     |
| <b>M.R.P :</b>          | Rs 275.00                                                                   |
| <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 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. The text uses sample programs, case studies, programming problems and many more pedagogical aids to enable better understanding of these languages. 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.

## Table Of Contents

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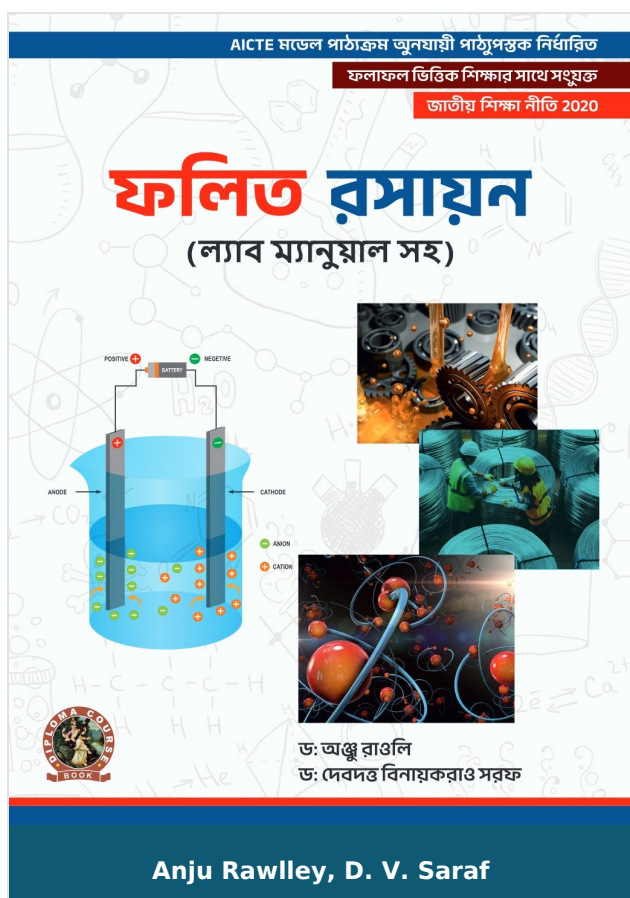
- Object Oriented Programming
- Operators
- Control Flow Statement
- Structure
- Function
- Class & Object
- Arrays & Strings
- Operator Overloading
- Ploymorphism
- Inheritance
- Pointers
- File Handling

## Author

---

**Pooja Srivastava**

Pooja Srivastava



## Applied Chemistry (with Lab Manual)

**Author :** Anju Rawlley, D. V. Saraf

**ISBN 13 :** 978-93-55381-35-4

**ISBN 10 :** 9355381352

**E-ISBN 13 :** 978-93-55381-35-4

**Edition :** 1

**Pages :** 268

**Type of book :** Physical

**Year :** 2025

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 295.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

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This text book o “Applied Chemistry” is development as per AICTE model curriculum ,2018, for compulsory course on Applied Chemistry of first years Diploma Program in Engineering and Technology. Atomic Structure, Chemical Bonding & Solution, Water, Engineering Materials, Chemistry of fuels & Lubricants and Electrochemistry are the five units of this book, comprising of both practical and theory.

Some salient features of the book:

1. Course Outcomes and Unit Outcomes are written specifically and are mapped with program Outcomes.
2. Utmost care have been taken to amalgamate the philosophy of outcome based education.
3. The structure of the textbook is comprehensive, where in practical exercises are integral part of each unit.
4. The text is presented in a very simple way with illustrations, examples, tables, flow chart, self -assessment questions and their solutions.
5. Micro projects, points/issue for the creative inquisitiveness & curiosity, know more, video links, case study and summary points are integral part of each unit to facilitate the students to develop the attitude of scientific inquiry, investigate the cause and effect relationship, systematic, scientific & logical thinking , ability to observe, analyse and interpret.
6. To meet the requirement of outcome based education (OBE) and outcome based assessment (OBA), criterion referenced testing (CRT) have been used as an integral part of assessment in each practical.

7. Sample QR codes have been provided in each units on some topics/sub topics for supplementary reading and reinforcing the learning.

## Table Of Contents

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- Foreword
- Acknowledgement
- Preface
- Outcomes Based Educations
- Course Outcomes Abbreviations and Symbols
- List of Figures List of Tables
- Guidelines for Teachers
- Guidelines for students
- Atomic Structure, Chemical Bonding and Solutions.
- Water.
- Engineering Materials.
- Chemistry of Fuels and Lubricants.
- Electro Chemistry.

## Author

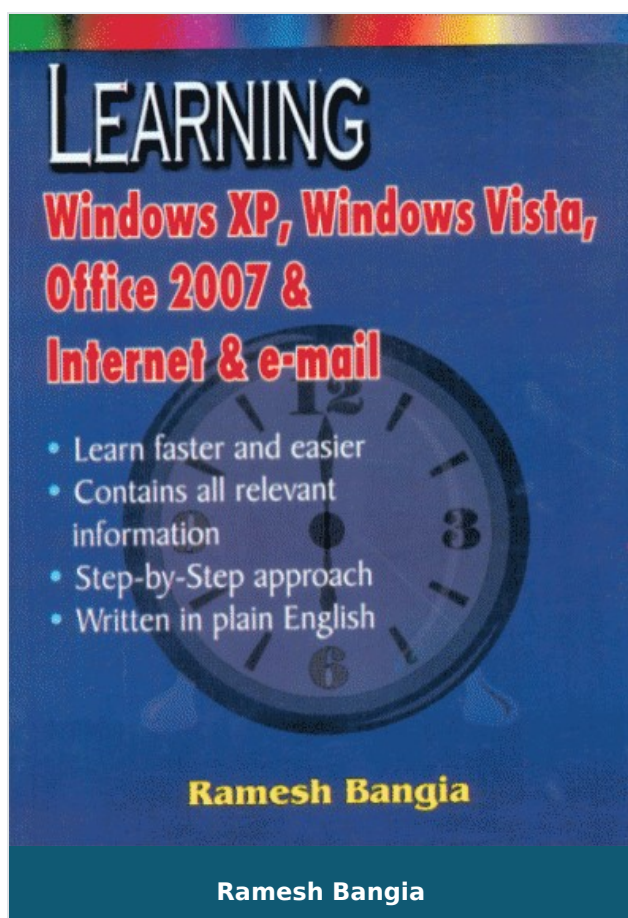
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**Anju Rawlley**

Anju Rawlley Devdatta Vinayakaraao Saraf

**D. V. Saraf**

D. V. Saraf



## Learning Windows XP, Windows Vista, Office 2007 & Internet & e-mail

**Author :** Ramesh Bangia

**ISBN 13 :** 978-81-90611-64-0

**ISBN 10 :** 819061164X

**E-ISBN 13 :** 978-81-90611-64-0

**Edition :** 1

**Pages :** 192

**Type of book :** Physical

**Year :** 2008

**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

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Learning of a software is both easy and difficult. It depends upon what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realise how difficult it is to master it. Learning Windows XP, Window Vista, Office 2007 and Internet & E mail is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

## Table Of Contents

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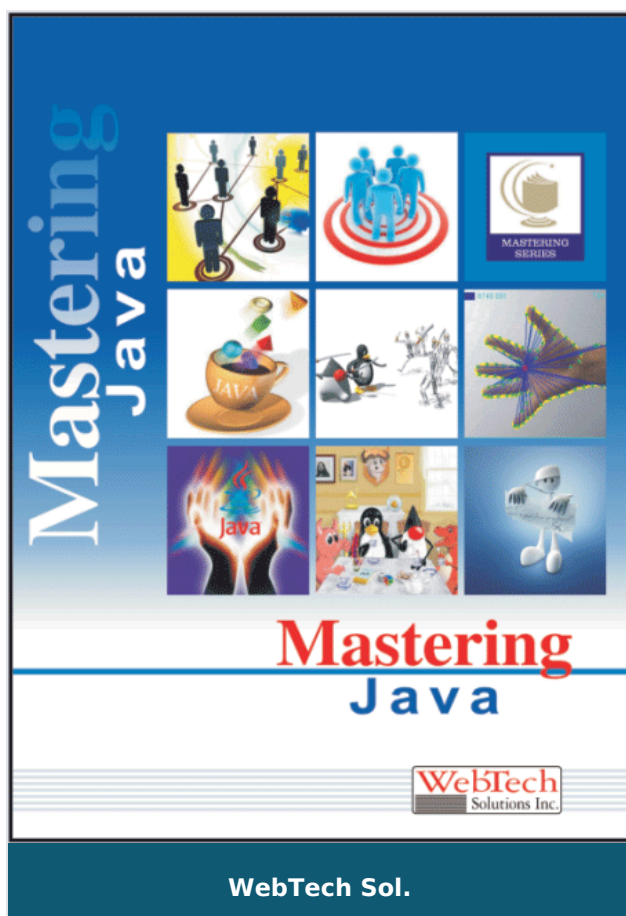
- Introduction to Windows XP
- Introduction to Windows Vista
- Introduction to Microsoft Word 2007
- Introduction to Microsoft Excel 2007
- Introduction to Microsoft PowerPoint 2007
- Introduction to Microsoft Access 2007
- Internet and E-Mail
- Questions

## Author

---

### **Ramesh Bangia**

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools, Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle East and African countries.



## Mastering Java

**Author :** WebTech Sol.

**ISBN 13 :** 978-93-80016-43-6

**ISBN 10 :** 9380016433

**E-ISBN 13 :** 978-93-80016-43-6

**Edition :** First

**Pages :** 354

**Type of book :** Physical

**Year :** 2010

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 295.00

**Categories :** [Book Store, Mastering Series,](#)  
[ADVANCE COMPUTER BOOKS](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

---

Java with its allied software like JavaScript, Java Servlet and others are such vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

## Table Of Contents

---

- Introduction to JAVA
- Java Programming
- Java Foundation Classes (JFC) and Swing
- Working with Java Script
- More on Java Script
- Java Beans
- Java Server Pages
- Java Directives and Standard Actions
- Java Servlets
- JDBC (Java Database Connectivity)
- Questions

## Author

---

### **WebTech Sol.**

WebTech Sol. WebTech Solutions Inc. is one of the pioneers of the technology industry. Webtech Solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best ways to analyze, develop, test, debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence: excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers.



## Basic Electrical Engineering (with Lab Manual)

**Author :** S. K. Sahdev

**ISBN 13 :** 978-93-91505-73-8

**ISBN 10 :** 9391505731

**E-ISBN 13 :** 978-93-91505-73-8

**Edition :** First

**Pages :** 484

**Type of book :** Physical

**Year :** 2022

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 395.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

---

This textbook “Basic Electrical Engineering” is based on the latest syllabus of the Universities AICTE and Educational Institutes. In this edition, some material of the book has been rewritten to make the presentation easily comprehensible. More illustrative examples mainly from IAS, IES and GATE and other competitive examinations have been added. Various problems with answers have been added to support the text. For quick revision, summary/ highlights are given at the end of each chapter.

Salient Features:

1. DC Circuits.
2. AC Circuits.
3. Transformers.
4. Electrical.
5. Machines.
6. Power Converters.
7. Electrical Installations.

## Table Of Contents

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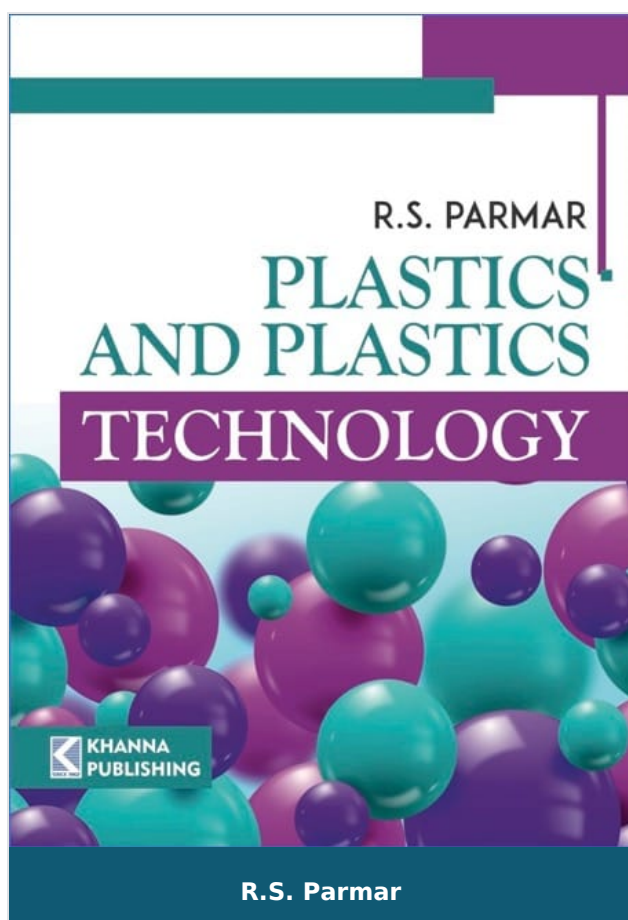
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teacher
- Guidelines for Students
- DC Circuits
- AC Circuits
- Transformers
- Electrical Machines
- Power Converters
- Electrical Installations

## Author

---

**S. K. Sahdev**

S. K. Sahdev



## Plastics & Plastics Technology

|                         |                                                                       |
|-------------------------|-----------------------------------------------------------------------|
| <b>Author :</b>         | R.S. Parmar                                                           |
| <b>ISBN 13 :</b>        | 978-93-86173-74-4                                                     |
| <b>ISBN 10 :</b>        | 9386173743                                                            |
| <b>E-ISBN 13 :</b>      | 978-93-86173-74-4                                                     |
| <b>Edition :</b>        | First                                                                 |
| <b>Pages :</b>          | 304                                                                   |
| <b>Type of book :</b>   | Physical                                                              |
| <b>Year :</b>           | 2020                                                                  |
| <b>Language :</b>       | English                                                               |
| <b>Publisher :</b>      | Khanna Publishing House                                               |
| <b>M.R.P :</b>          | Rs 325.00                                                             |
| <b>Categories :</b>     | <a href="#">Mechanical Engineering, Civil Engineering, Book Store</a> |
| <b>Condition Type :</b> | New                                                                   |
| <b>Country Origin :</b> | India                                                                 |

## Product Description

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This book is an outcome of author's desire for deeper knowledge into vital field of plastics without which it is almost impossible to imagine the modern day civilization. There has been an effort to cover all plastics used till date and fairly good details are provided regarding their chemical structure, properties and uses. Production of copolymers and poly alloys is also described. Production of Reinforced Plastics and Composites with their properties and specific uses are as well included.

Because it is essential to know the physical and mechanical properties of the plastics to select these for required service conditions so methods employed to determine such properties are described in fairly good detail. Manufacturing processes to shape the plastics for specific application are detailed at length. That includes molding, casting, welding, forming, machining and miscellaneous processes like calendaring, silk-screening, pultrusion, filament winding etc.

Selection of plastics for specific uses is an important consideration. So important uses of all major engineering plastics are listed. Unlike metals, identification of plastics is not easy but that knowledge is essential for reuse and recycling of them. So identification methods for plastics and their recyclability have been described as per the international norms.

At the end some appendices are included that provide helpful data need for selection and use of different plastics. Some selected standards on Plastics form ASTM and BIS are also included for ready reference for use by industries and researchers alike. Finally, Indian Institutes and Universities awarding degrees and diplomas in Plastic/Polymer Engineering and Technology are also listed for the benefit of those interested in pursuing this field as their profession.

## Table Of Contents

---

- Polymers, Plastics and Elastomers (Rubbers)
- Polymeric Materials
- Testing of Plastics
- Processing of Polymers
- Case Study: Automotive Products
- Recycling of Plastics
- Epilogue
- Appendices
- Bibliography Index

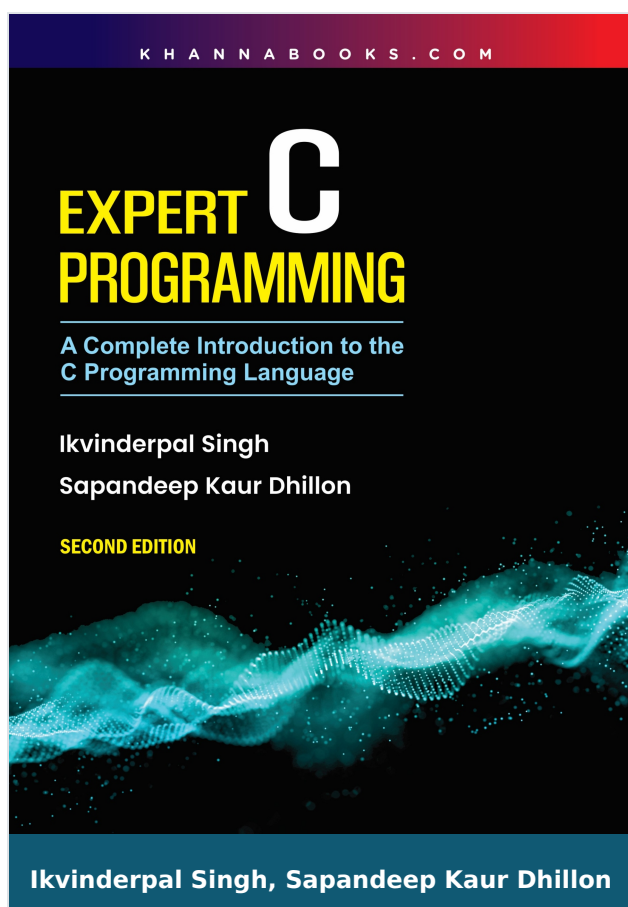
## Author

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### **R.S. Parmar**

Dr. R.S. Parmar is B.A. and B.Sc (Mechanical Engineering) from Punjab University, M.E. (Production Engineering) from University of Roorkee (Now IIT, Roorkee) and Ph.D (Mechanical Engineering) from I.I.T. Kharagpur. He has an experience of more than 50 years in teaching and research in different subject of Mechanical Engineering particularly related to materials and manufacturing processes and technology. He served for about 14 years at R.E.C. (Now NIT), Srinagar (Kashmir), 21 years at I.I.T., Delhi and 20 years at NSIT (Now NSUT), New Delhi. He also served for one year at Brunel University, London (U.K.) He has guided a number of Ph.D., M.Tech., and B.tech. Research Projects and published a large number of technical papers in Indian and foreign journals on different aspects of manufacturing processes. He is a gold medallist from University of Roorkee and has won a number of awards from Institution of Engineers (India), American Welding Society, and Indian Institute of Welding. He is a life Fellow of Institution of Engineers

(India) and The India Institute of Welding and a Life Member of Indian Society of Technical Education.



## Expert C Programming

**Author :** Ikvinderpal Singh, Sapandeep Kaur Dhillon

**ISBN 13 :** 978-93-74549-29-2

**ISBN 10 :** 9374549298

**E-ISBN 13 :** 978-93-74549-29-2

**Edition :** Second

**Pages :** 740

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 1,350.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

---

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of c++ programming. Its approach is explanatory and language is lucid and communicable. Each and every concept described with the help of its pictorial representation, examples, and solved programming to have clear ideas. Each chapter contains programming problems, objective type questions, and exercises. This book will be useful for student of BE(Computer/Electronics), B. tech, ME(Computer/Electronics), M. Tech, MCA, BCA, M.Sc., B.Sc., and also to students pursuing A/B/C-level Course of DOEACC.

### Salient Features

- Brief introduction to computer and programming languages.
- Complete introduction to C programming including basic structure is given in detail.
- Extensive coverage of constants, variables, various data types are given in detail.
- Various types of operators and expressions are described with the help of examples and simple programs.
- Demonstrates the description of console I/o statements in a lucid manner.
- Each and every control statement is described with the help of flowcharts and simple programs.
- Includes numerous illustrative examples to understand the topic easily.
- Demonstrates every program in a good programming style.
- Around 300 objective type questions are included.
- Contains numerous theory exercises at the last of each chapter.
- Gives detailed description of arrays, strings and functions in lucid manner.
- Covers all concepts of pointers like pointer and array, pointer and function, dynamic memory allocation in details.

- Detailed analysis of each and every storage class is covered with the help of programming examples.
- Detailed description to the concept of structures and unions.
- Presents various file handling operations like open (), close (), seek (), reading and writing a file, working with streams etc.

## Table Of Contents

---

- Getting Started With C
- Operators and Expressions
- Console Input and Output Statements
- Control Statements
- Arrays
- Strings
- Functions
- Storage Classes
- Pointers
- Structures and Unions
- File Handling
- C Preprocessor and Characters Test Functions

## Author

---

### **Ikvinderpal Singh**

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.

### **Sapandeep Kaur Dhillon**

Sapandeep Kaur Dhillon is an assistant professor in the department of computer science, Guru Nanak Dev University, Amritsar, bringing 12+ years of dedicated academic experience to the discipline. She has authored 4 books, published 10+ research papers across national and international journals, reflecting her steady engagement with emerging trends in computing. Her academic interests span data structures, Compiler Design, and Artificial Intelligence, where she integrates foundational theory with practical, algorithmic thinking.