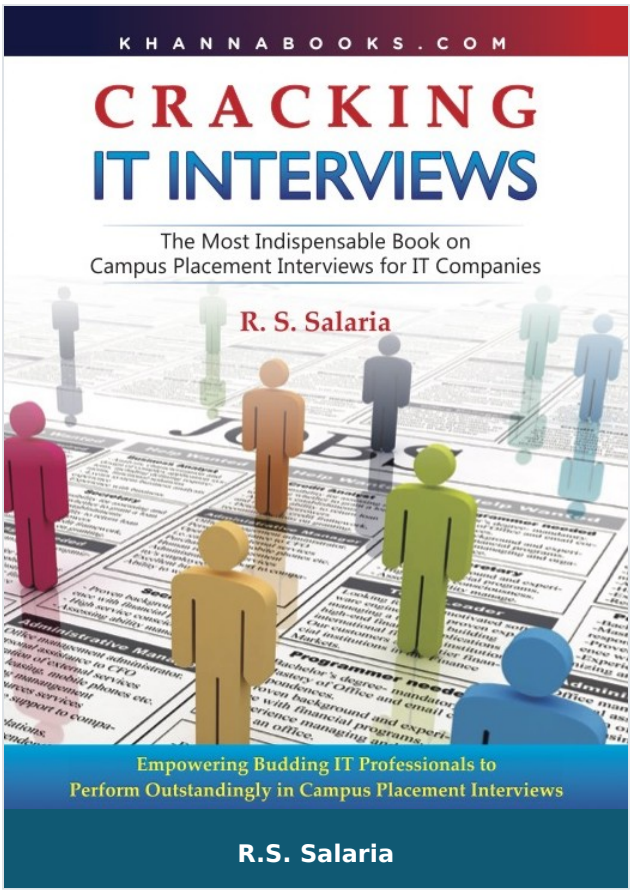


Cracking IT Interviews

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Product Description

It is a dream of every budding engineer to make it big in the corporate IT world. This book is designed to guide and empower the budding engineers to achieve their much cherished dream. Since it is the interview process where the employability of the budding engineer is judged, therefore, keeping this aspect in mind, the first chapter is designed to guide the budding engineer to the most basic aspects of the interview process, and how meticulously they should plan and prepare for the interview.

Further, majority of the IT companies don't expect that the budding engineers should be well equipped with the advanced techniques/technologies, but must have strong foundation in the basics and concepts of the concerned subjects. In addition, they should be able to demonstrate the burning desire to excel and passion to learn. keeping these aspects in mind, subsequent six chapters are designed to impart basic knowledge of the important topics through frequently asked questions in each topic.

Any budding engineer, who can master about 70-75% questions covered in the book can crack technical round of any IT company with a bang.

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- Introduction to Interview Process
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- The C Language
- Data Structures and Algorithms
- Object-Oriented Concepts
- The C++ Language
- The Java Language

Author

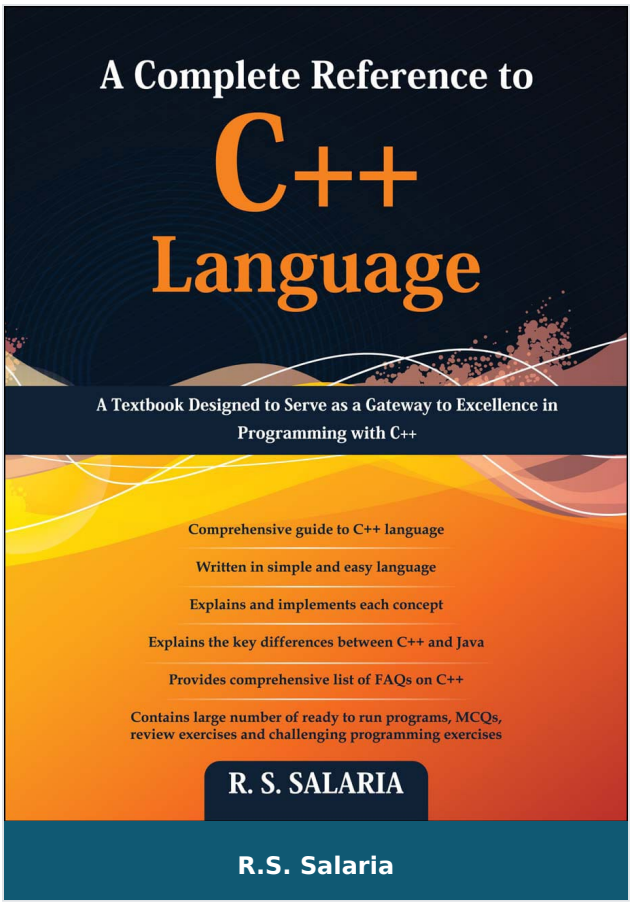
R.S. Salaria

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A Complete Reference to C++ Language

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Product Description

The C++ programming language is one of the popular programming languages that support object-oriented programming in addition to procedural programming. All major IT companies are using C++ language as their preferred language in implementing substantial number of projects. To fulfill the requirement of these companies, all universities/institutions offering various courses on Computer Science and Information Technology at UG as well as PG level have included C++ language in their curriculum.

This book is designed as a textbook for the students taking these courses. Throughout the book, the level of presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically this book will provide you every thing you need on C++ language.

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Table Of Contents

- Overview of C++ Language
- Data Types, Operators and Expressions
- Standard Inputs/Outputs
- Control Statements
- Functions
- Program Structure and Storage Classes
- Arrays and Strings
- Structures and Unions
- Introduction to Object-Oriented Programming
- Classes and Objects
- Pointers and Dynamic Memory Management
- Construction and Destructors
- Operator Overloading and Type Conversion
- Inheritance
- Virtual Functions and Polymorphism
- Exception Handling
- Templates and Generic Programming
- File Handling
- Left Over
- Introduction to Standard Template Library

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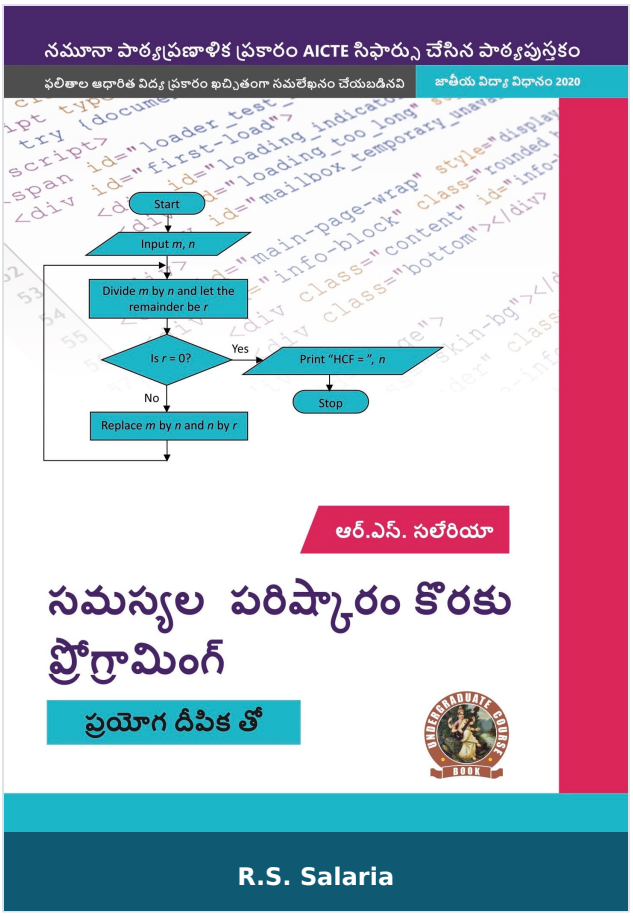
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Programming for Problem Solving (with Lab Manual)

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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.
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Table Of Contents

- Foreword
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- Outcome Based Education
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- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Introduction to Programming
- Arithmetic Expressions and Precedence
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- Basic Algorithms
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- Index

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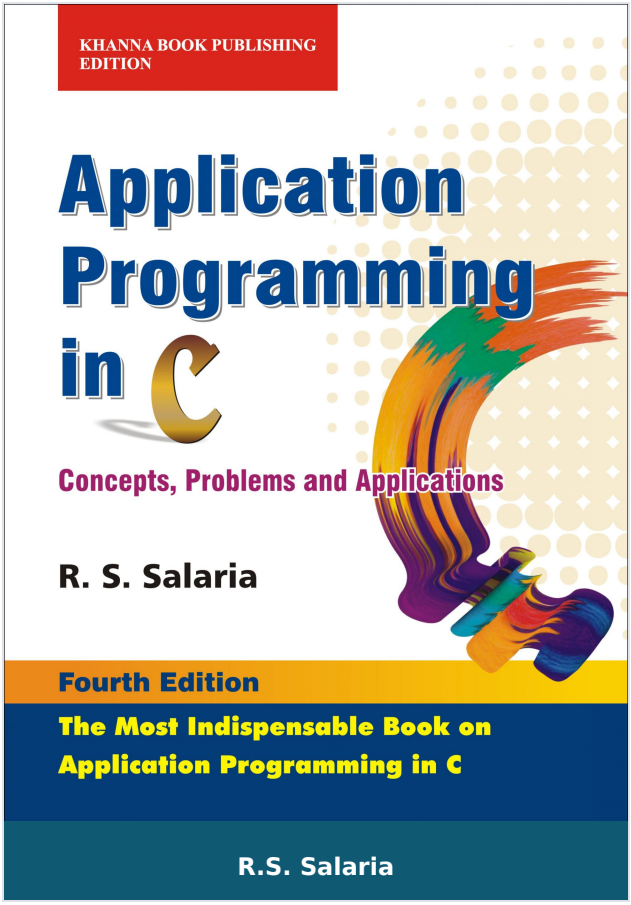
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Application Programming in C

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Product Description

This book is one of the compulsory course in the curriculum of almost all universities other institutes offering undergraduate and postgraduate courses in computer science and information technology. This book is designed to serve as a textbook for the students taking these courses. the level of presentation in kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically this book will provide you every this you need on the subject of programming in C.

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Table Of Contents

- Basics of Programming
- Overview of C Language
- Data types Operators & Expressions
- Handling Keyboard Input & Screen Output
- Control Statements
- Functions
- Program Structure & Storage Classes
- Array Processing
- String Processing
- Structures & Unions
- More About Data Types & Bitwise Operators
- Pointers & Dynamic Memory Management
- Managing Data Files
- Working With Graphics Using Turbo C
- Sorting, Searching & Merging
- Appendices
- Index

Author

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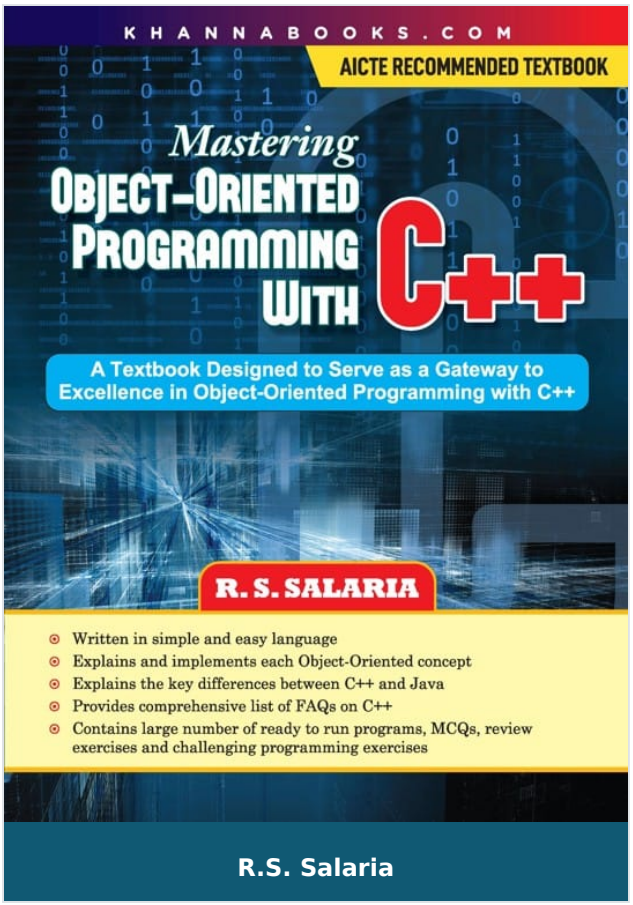
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Mastering Object-Oriented Programming With C++

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Product Description

The C++ Programming Language is one of the popular programming language that support object-oriented programming in addition to procedural programming. All major IT companies are using C++ language as their preferred language in implementing substantial number of projects using object-oriented technology. To fulfill the requirement of these companies, all universities/institutions offering various courses on programming with C++ in their curriculum. This book is designed as a textbook for the students taking these courses. Throughout the book the level of presentation is kept simple and illustrative so that even and average reader can grasp the subject matter with quite ease practically this book will provide you everything you need on object-oriented programming with C++.

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Table Of Contents

- Introduction to Object-Oriented Programming
- Migrating form C to C++
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- Classes and Objects
- Pointers and Dynamic Memory Management
- Constructors and Destructors
- Overloading and Type Conversion
- Inheritance
- Virtual Functions and Polymorphism
- Exception Handling
- Templates and Generic Programming
- File Handling
- Introduction to Standard Template Library (STL)
- Appendix
- Glossary
- Index

Author

R.S. Salaria

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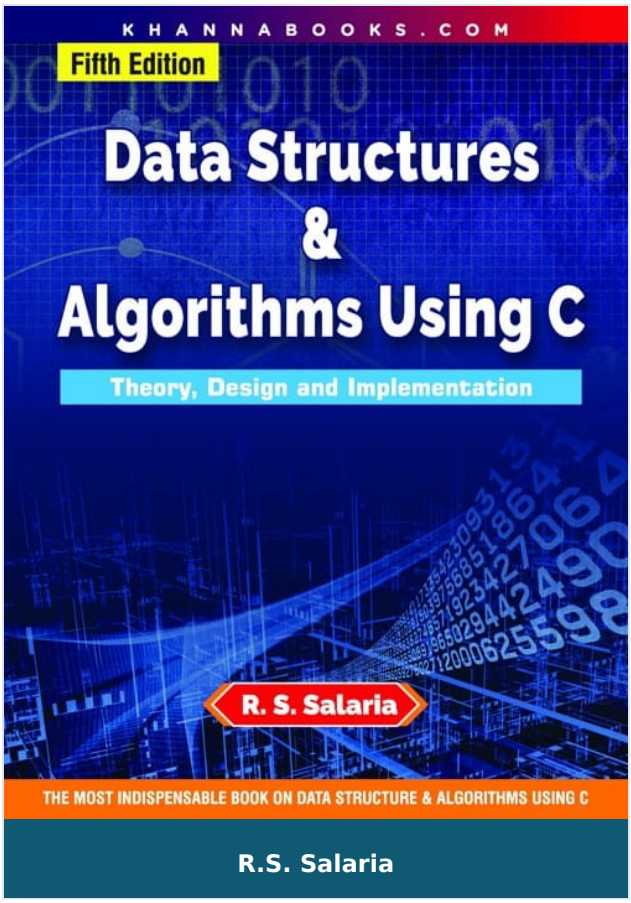
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Data Structures & Algorithms using C

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Product Description

Provides a comprehensive coverage of the subject, Includes numerous illustrative examples, Demonstrate the development of algorithms in a lucid manner, Demonstrate the implementation of algorithms in a good programming style, Provides challenging programming exercise to test your knowledge gained about the subject, Glossary of terms for ready reference.

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Table Of Contents

- Essentials of C Language
- Overview of Data Structures
- Program Design and Development
- Arrays & Matrices
- Strings
- Linked Lists
- Stacks
- Quacks
- Trees
- Heaps
- Graphs
- Hash Tables and Hashing
- Sorting, Searching & Merging
- Files
- Glossary
- Index

Author

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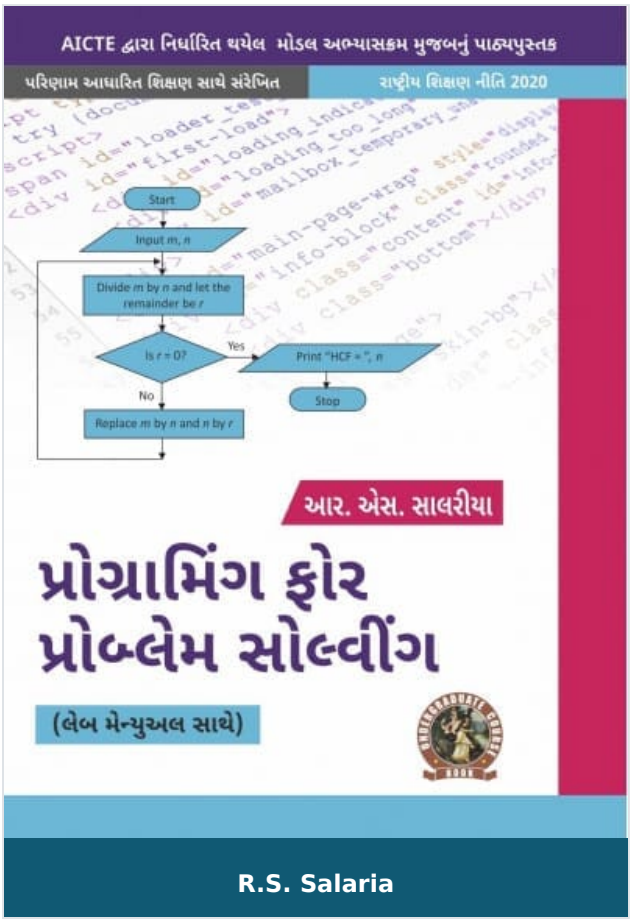
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Programming for Problem Solving (with Lab Manual)

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Product Description

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Table Of Contents

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- List of Figures
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- Recursion
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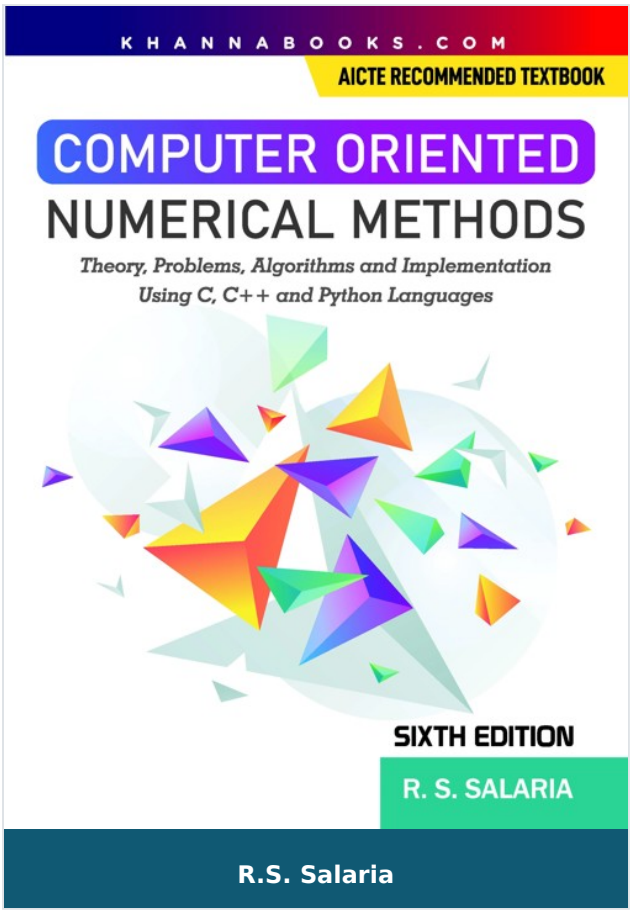
R.S. Salaria

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Computer Oriented Numerical methods

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Product Description

The subject of Computer Oriented Numerical Methods is one of the courses in the curriculum of almost all universities and other institutes offering undergraduate and postgraduate courses in Computer Science, Information Technology, and Physical Sciences. This book is designed as a textbook for the students taking these courses. Eve the practicing engineers and researchers will also find it useful as reference book.

The label of presentation is kept simple and illustrative so that even as average reader can grasp the subject matter with quite ease, Practically this book will provide you every thing you need on the subject of Computer Oriented Numerical Methods.

Salient Features:

* Provides a Comprehensive coverage of the subject

* Emphasis is laid to ensure the conceptual understanding of different numerical methods.

* Formulae for different numerical methods have been derived in the simplest manner.

* Algorithms for these methods are developed using pseudo Language.

* Large number of programming exercises to test your programming skills acquired.

* Majority of the algorithms are implemented in C, C++ and Python languages.

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Table Of Contents

- Preamble.
- Data Presentation And Computer Arithmetic.
- Solution of Non-Linear Equation.
- Matrices And Determinations.
- Solution Of System Of Linear Equations.
- Interpolation & Approximation.
- Curve Fitting And Method Of Least Squares.
- Numerical Differentiation.
- Numerical Integration.
- Solution Of Ordinary Differential Equations.
- Appendices
- Appendix A:
- Listing of C Programs.
- Appendix B:
- Listing of C++ Programs.
- Appendix C:
- Listing of Python Programs.
- Appendix D:
- Proficiency Test.
- Appendix E:
- Numerical and Statistical Software Libraries.
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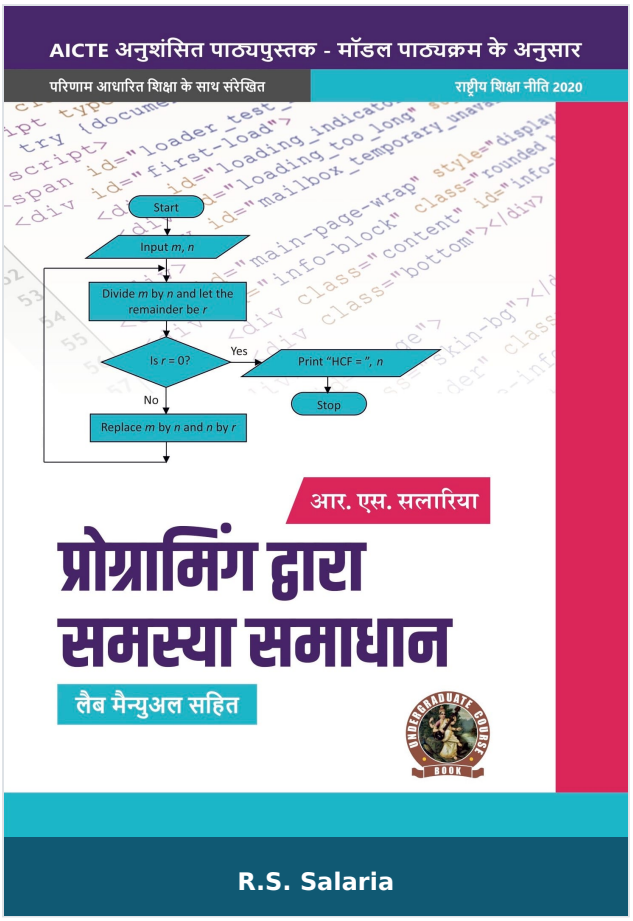
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4. 135+ Short answer type questions to provide an opportunity for self-assessment of the fundamental concepts learned by answering them precisely.

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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

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- Pointers
- File
- Handling
- References for further learning
- Co and PO attainment Table
- Index

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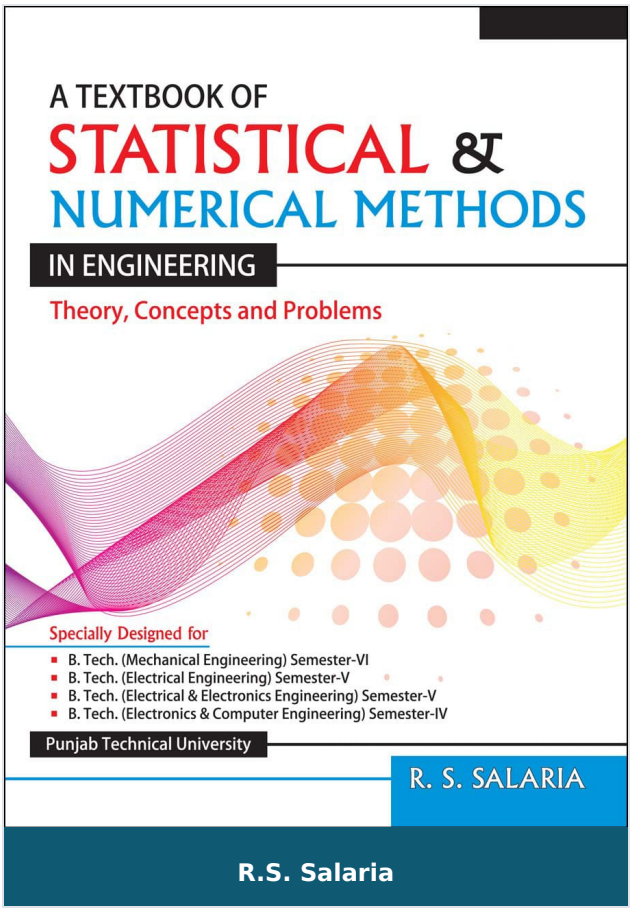
R.S. Salaria

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

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The subject of A Textbook of Statistical & Numerical Methods is one of the courses in the curriculum of almost all universities and other institutes offering undergraduate and postgraduate courses in Engineering and Physical Science.

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Table Of Contents

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- Errors in Numerical Calculations
- Solution of Algebraic and Transcendental Equations
- Interpolation Methods
- Curve Fitting
- Numerical Differentiation
- Numerical Integration
- Solution of Linear Systems of Equations
- Numerical Solution of Ordinary & Partial Differential Equations
- Appendix A: Listing of Selected Programs in C++
- Appendix B: Statistical Tables

Author

R.S. Salaria

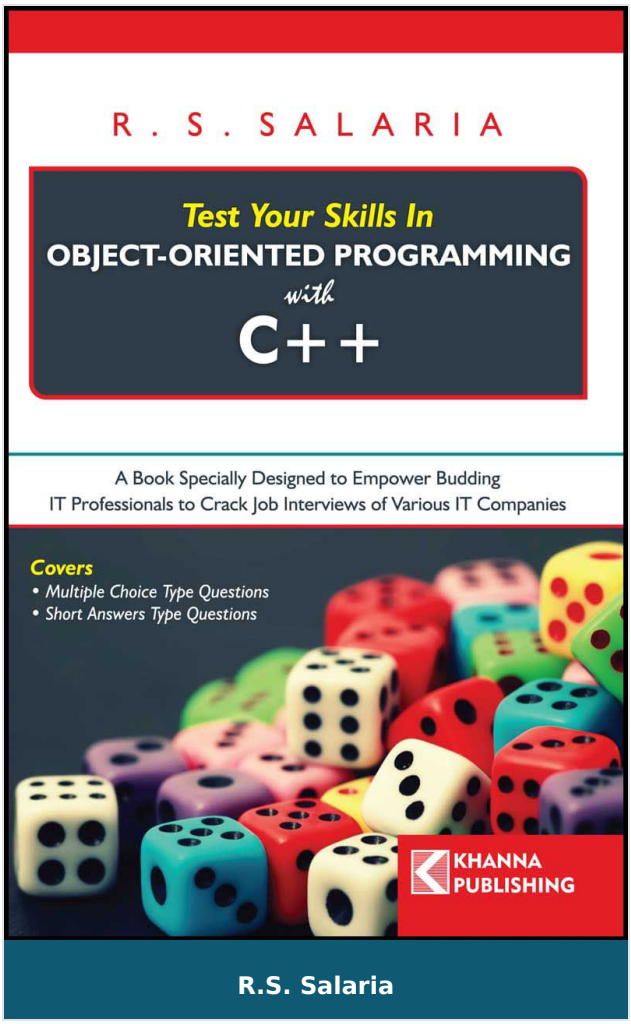
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- Constructor and Destructors
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- Inheritance
- Virtual Function and Polymorphism
- Exception Handling
- Templates and Generic Programming
- Input/Output in C++
- Appendix
- Glossary

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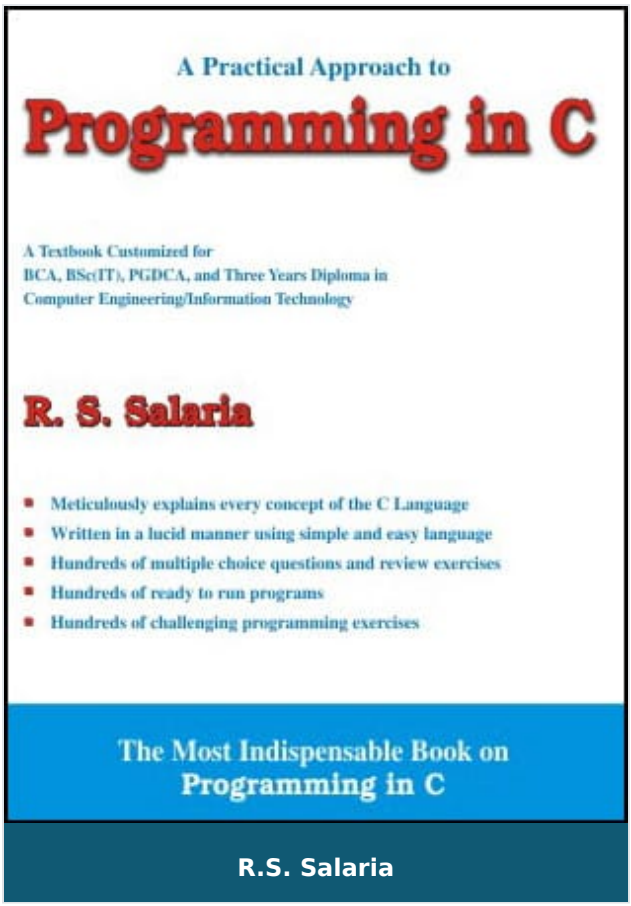
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A Practical Approach to Programming in C

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The subject of programming in C is one of the compulsory courses in the curriculum of BCA, BSc (IT), BSc (Non-Med) with Computer science as one of the elective subject, PGDCA, and Three Year polytechnic diploma in Computer Engineering as well as Information Technology of all universities and state technical boards. The book in your hand is a customized version of my popular book application programming in C to serve as a textbook for the students taking these course. The presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically, this book will provide you every thing you need on the subject of programming in C. Provides a comprehensive coverage of the subject. Demonstrate the development of programs in a good programming style. Large number of ready to run programs for reference. Large number of multiple choice questions and review exercises to test your knowledge about the subject learned. Large number of programming exercises to test your programming skills acquired.

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Table Of Contents

- Algorithms and Program Development
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- Control Statements
- Functions
- Arrays
- Pointers
- Structures and Unions
- String Processing
- Files

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