

Mathematics-I (Calculus and Linear Algebra) For Computer Science Engineering Branches

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Product Description

Calculus and Linear Algebra cover all the modules prescribed by AICTE model curriculum to all the 1st year CSE students studying in engineering institutions and universities of the country. It serves as both text book /or useful reference work. It contains 5 units which included calculus, Algebra and vector spaces along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that help in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE. This book is in student's friendly style, author has endeavored enormous efforts in providing numerous solved examples and exercise under each topic to facilitate better understanding of the concepts to the students. Majority of questions in this book have been designed to access the reader's understanding of the subject professionals or those who are preparing for competitive examinations will also find this book very useful. This book will give the students a complete grasp of the mathematical skills that are needed by engineers all over the country. Some Salient Features of the Book: 1. In depth coverage of all related, essential and mentioned topics as per AICTE in simple presentation with clarity and accuracy. 2. Emphasis on the applications of concepts and theorems. 3. Core concepts are presented through a large number of solved graded model examples in an innovative and lucid manner. 4. A good number of relatively competitive problems are given at the end of each unit in the form of short questions, HOTS, assignments, MCQs and know more for student's practices purpose. Practical /Projects/ Activity also given in each unit for enhancing the student's capability, to increase the feeling of team work. 5. To clarify the subject, the text has been supplemented through Notes, Observations and Remarks; an attempt has been made to explain the topic through maximum use of geometries wherever possible. 6. Some standard problems with sufficient hints have been included in each exercise to gauge the student's visual understanding and for grasp the theory.

Table of Contents

Foreword Acknowledgement Preface Outcome Based Education Course Outcomes Abbreviations and Symbols List of Figures Guidelines for Teachers Guidelines for Students Chapter 1: Calculus-I. Chapter 2: Calculus-II. Chapter 3: Matrices. Chapter 4: Vector Spaces -I. Chapter 5: Vector Spaces - II. Index CO and Po Attainment Table.



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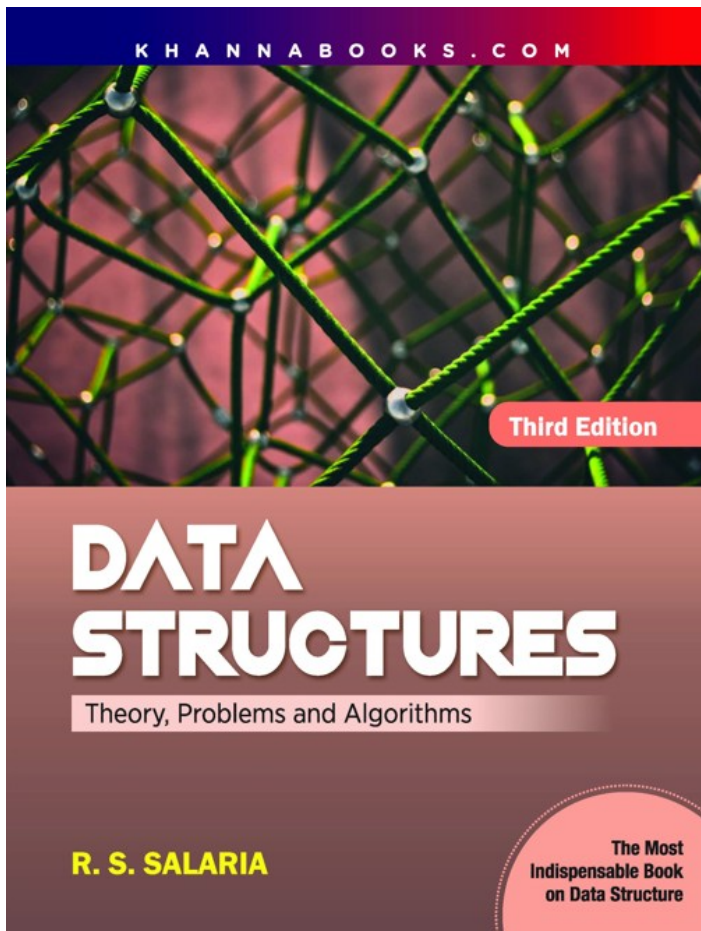
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Data Structures

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Product Description

This book is specially designed to serve as textbook for the student of CA, BSc IT, MCA BE/B. Tech (CSE/IT) MSc (CS/IT) of all Indian Universities. The subject of data structures is of prime importance for the students of computer science and IT it is of practical nature and requires thorough understanding of basics and concepts of the subject before punting them into practice. This book will help the Student to meet all their basic requirements.



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Table of Contents

Chapter 1: Introduction to Data Structures.

Chapter 2: Introduction to Algorithms.

Chapter 3: Arrays.

Chapter 4: Linked Lists.

Chapter 5: Stacks.

Chapter 6: Queues.

Chapter 7: Trees.

Chapter 8: Heaps.

Chapter 9: Graphs.

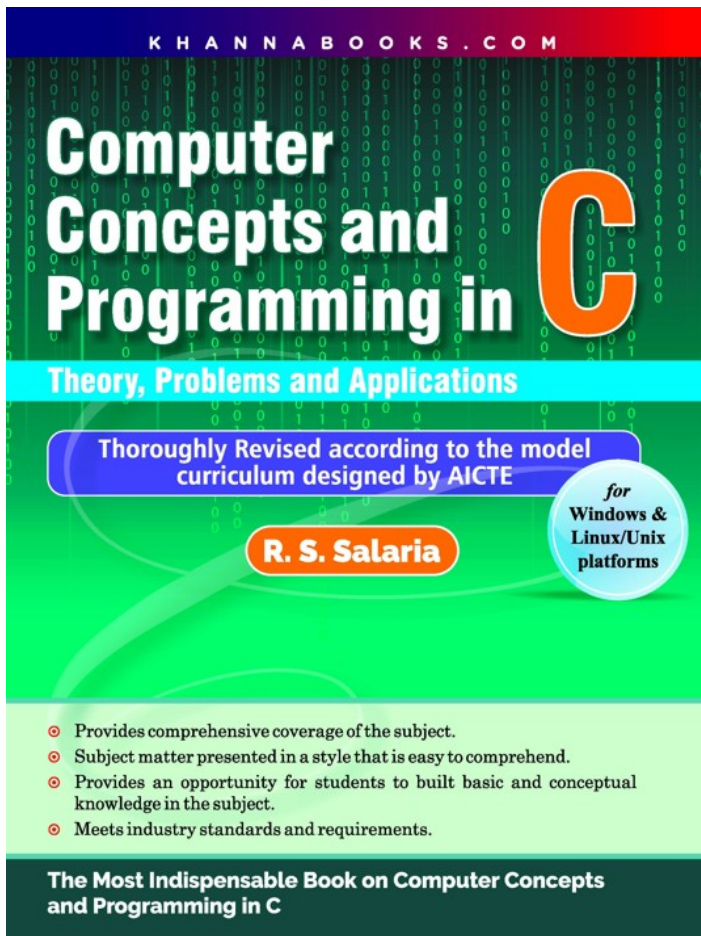
Chapter 10: Hashing and Hash Tables.

Chapter 11: Sorting Algorithms.

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.





Computer Concepts and Programming in C

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Product Description

The subject on Computer Concepts and Programming in C (or with the name Fundamentals of Computer and Programming in C) is one of the core courses in various undergraduate and postgraduate program of various ins tuition and universities of India. This book is designed to serve as textbook for those program of study. While writing the book. special emphasis is given to keep the language very simple and lucid; level of presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease.



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Table of Contents

Chapter 1: Introduction to Computers. **Chapter 2:** Hardware Concepts. **Chapter 3:** Software Concepts. **Chapter 4:** Program Solving and Program Planning. **Chapter 5:** Overview of C Language. **Chapter 6:** Built-in Data Type. **Chapter 7:** Operators and Expressions. **Chapter 8:** Standard Input/Output. **Chapter 9:** Decision Making and Branching. **Chapter 10:** Decision Making and Looping. **Chapter 11:** User-Defined Function. **Chapter 12:** Arrays and Strings. **Chapter 13:** Implementation of Basic Algorithms. **Chapter 14:** Structures. **Chapter 15:** Pointers and Dynamic Memory Algorithms. **Chapter 16:** File Handling. **Appendix 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 taking 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.

