



Data Structures & Algorithms Using C++

Author R.S. Salaria **ISBN** 978-93-81068-59-5 13: **ISBN** 93-81068-59-3 10: E-**ISBN** 978-93-81068-59-5 13: Edition 3 Pages: 616 Type of book Paperback Weight 830.00 (g): Year: 2021 Language English Publisher Khanna

Price: Rs 318.75

Computer Science Engineering , <u>UNIVERSITY</u> RECOMMENDED, Computer Science Engineering

Khanna Publishing House

Condition New Type:

Country

Origin India

Product Description

Provides a comprehensive coverage of the subject, Includes numerous illustrative example, 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 you knowledge gained about the subject, Glossary of terms for ready reference



Table of Contents

Chapter 1: Review of Object-Oriented Programming Concepts

Chapter 2: Essentials of C++ Language

Chapter 3: Overview of Data Structures

Chapter 4: Program Design & Development

Chapter 5: Arrays & Matrices

Chapter 6: Linked Lists

Chapter 7: Stacks

Chapter 8: Queues

Chapter 9: Trees

Chapter 10: Heaps

Chapter 11: Graphs

Chapter 12: Hash Tables & Hashing

Chapter 13: Sorting, Searching and Merging

Chapter 14: Files

Glossary

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.

