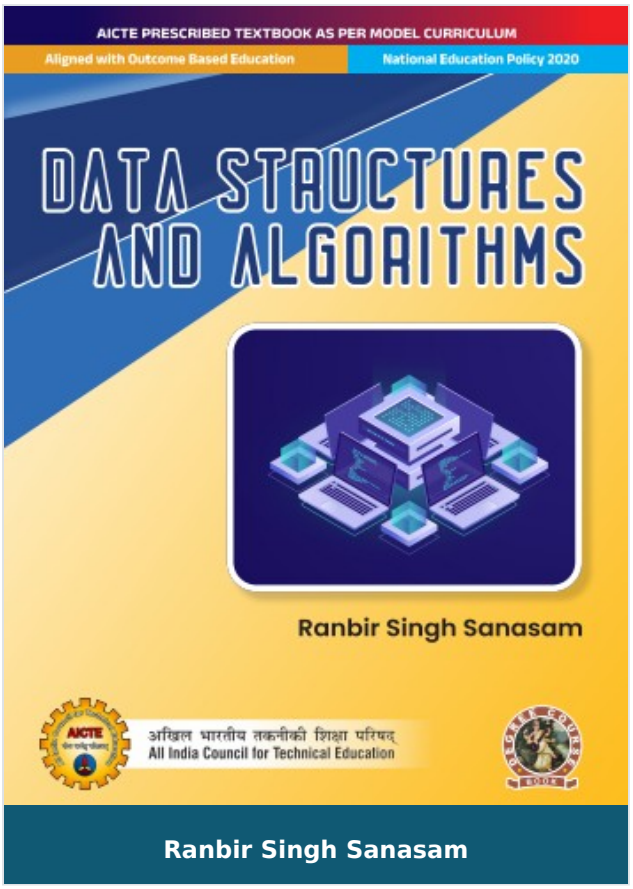


Data Structure and Algorithms

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Product Description

Data Structure and Algorithms

This book has been written considering the specific topics recommended by AICTE, in a very systematic and orderly manner. The fundamental concept of each topic recommended in the curriculum has been explained in an easy-to-understand manner with appropriate illustrative pictorial examples, algorithms, and program segments. The examples provide insights to the subject matter aligned with latest model curriculum of the AICTE, followed by the concept of outcome-based education as per the New Education Policy (NEP)-2020. At the end of each unit, a set of exercise problems is given for self-practice. A dedicated web site is also created for this book, where additional reading materials, source codes of various practice problems, additional exercise problems, and other resources are provided. The site can be accessed through the following URL: https://www.iitg.ac.in/ranbir/books/ DSA/index.html. This site will be updated regularly, and readers are encouraged visit the site for additional updates.

Salient Features:

- The content of the book is aligned with the mapping of Course Outcomes, Program Outcomes, and Unit Outcomes.
- In the beginning of each Unit, learning outcomes are listed to make the readers understand what is expected outcome after reading the unit.
- At the end of each Unit, a QR code is provided for exploring additional E-resources.
- Pictorial explanations, algorithms, work out examples are provided for ease of understanding of the topics.
- Objective questions, short questions, practice questions are provided for practice.

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