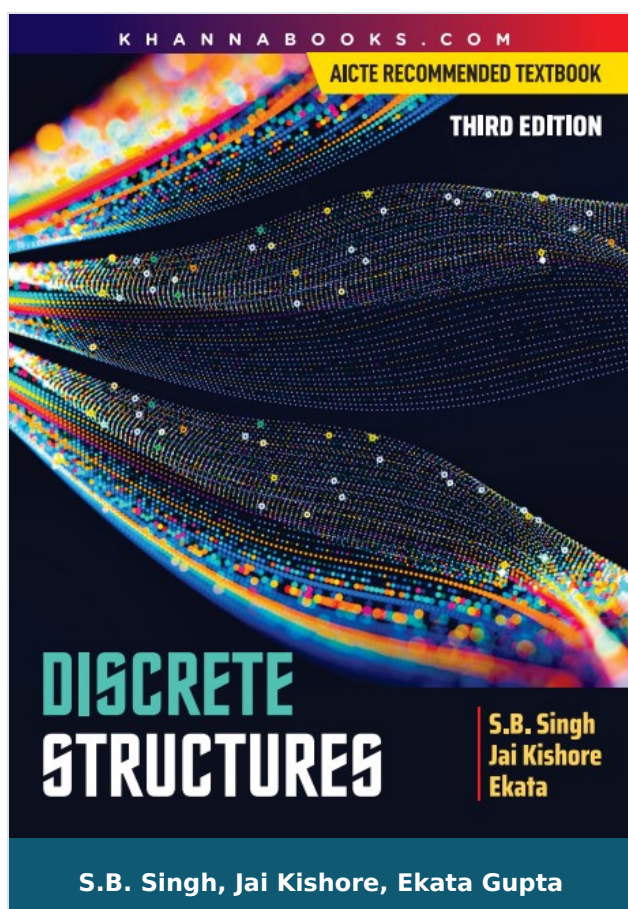




Discrete Structures

Author :	S.B. Singh, Jai Kishore, Ekata Gupta
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E-ISBN 13 :	978-93-82609-40-7
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Country Origin :	India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Extremely well organized and lucidly written book with an approach to explain the concepts in communicable languages. Suitable text book for the students of BCA, B. Tech., M.C.A., M.Sc., M Tech., etc.

Each Chapter follows Objective type problems. Around 500 objective type problems (235) Multiple choice questions, 130 Fill in the blanks type, 135 True/False type with their answers to help Students understand very concept.

Around 800 problems of various level of difficulty in exercises to review the understanding and testing the skills of the students after every section.

Around 140 theorems to give better understanding and insights of the concepts.

Topics are followed by figures and tables. In total more than 400 figures and 140 tables are taken to back the understanding of topics.

Chapter includes: Combinatorics, Set Theory, Relations Functions, Group Theory, Rings and Fields, Logic, Lattices, Boolean Algebra, Graph Theory, Automata.

Table Of Contents

- Combinatorics
- Set Theory
- Relations
- Functions
- Groups
- Rings & Fields
- Logic
- Lattices
- Boolean Algebra
- Graph Theory
- Automata
- Appendix
- Bibliography
- Index

Author

S.B. Singh

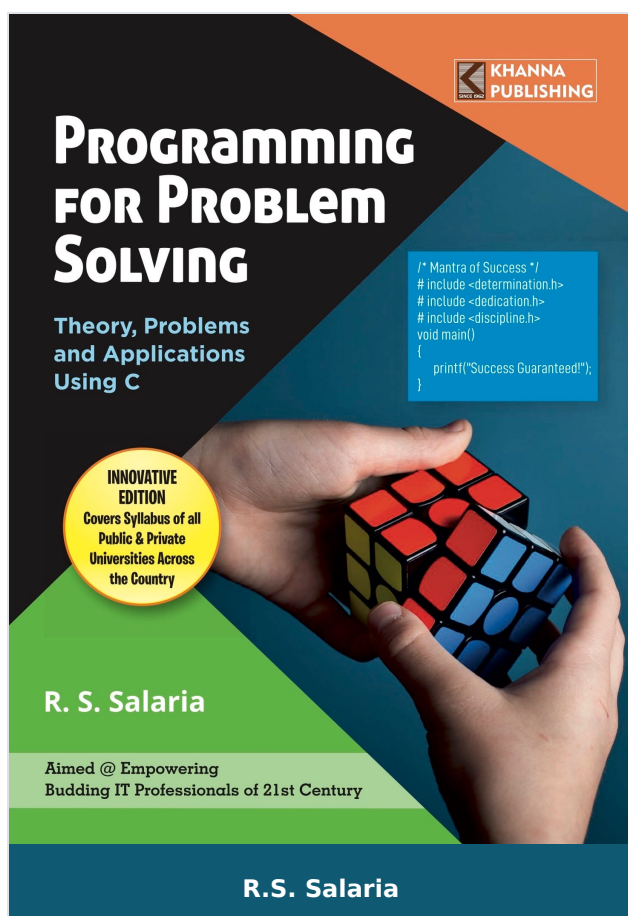
Dr. S.B. Singh is an Associate Professor in the Deptt. Of Mathematics Statistics and Computer Sc., G.B. Pant University of Agri. & Tech., Pantnagar. He has around thirteen years of teaching experience at different Engineering Colleges and University. He has authored and co-authored seven more books. he has been conferred with four national awards.

Jai Kishore

Jai Kishore Dr. Jai Kishore is an Assistant professor in the Deptt. of Mathematics, Indraprastha Engg. College Ghaziabad. He has more than 8 Years of teaching experience in different Engg. colleges. He has authored and co-authored four more books.

Ekata Gupta

Ekata Gupta Dr. Ekata is an Assistant Professor at Deptt. of Mathematics, Krishna Institute of Engg. & Tech. Ghaziabad. She has more than fifteen years of teaching experience in different Engg. Colleges.



Programming for Problem Solving

Author :	R.S. Salaria
ISBN 13 :	978-93-89139-11-2
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E-ISBN 13 :	978-93-89139-11-2
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4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

- . This book is specially conceived with an aim to serve not only as a textbook to cover the syllabus of public & public universities, rather a intelligent book (I-book) that empowers readers to acquire 21st century problem solving skills and sharp coding skills.
- . Designed keeping in mind the objective of OUTCOME BASED EDUCATION.
- . Simple and lucid language that enables even an average reader to grasp the fundamental concepts of the subject.
- . Illustrative example (165+ in number) to demonstrate the application of the concepts.
- . Multiple choice questions (225+ in number) to provide an opportunity for self assessment of the fundamental concepts.
- . Short-answer type questions (192+ in number) to provide an opportunity to synthesize the fundamental concepts learned to answer precisely.
- . Programming exercises (112+ in number) to provide an opportunity to harness their coding skills.
- . Coding problems (42+ in number) to conquer the technical round of the CAMPUS PLACEMENT PROCESS with flying colors.
- . The whole content is designed and organized as per the BLOOM'S TAXONOMY.

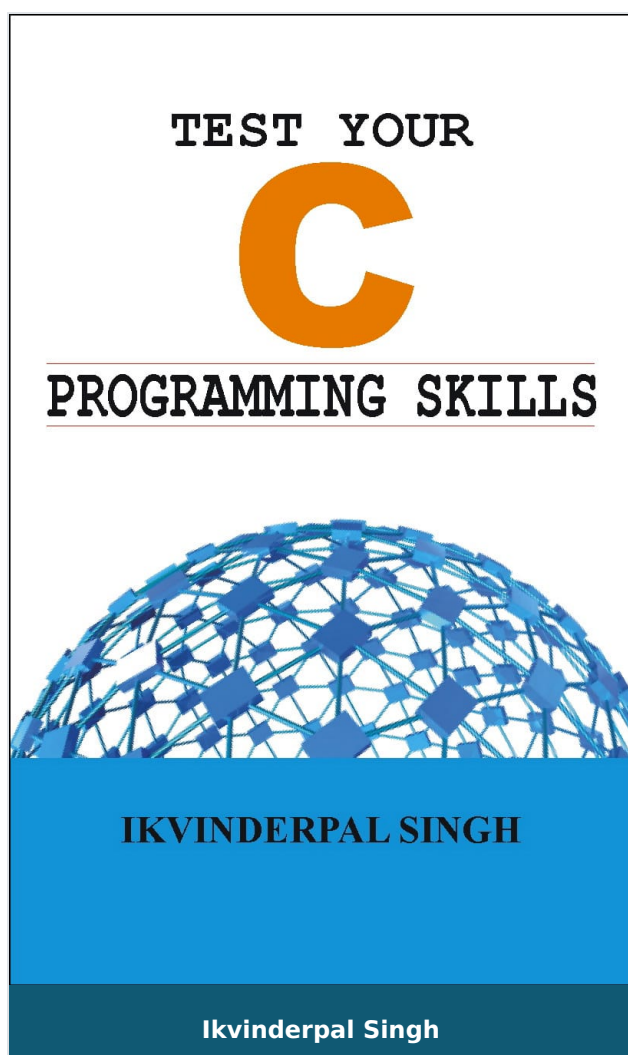
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- Coding/Programming Problems for Campus Placements
- Introduction to Computers
- Program Solving and Program Planning
- Overview of C Language
- Data Types, Variables and Constants
- Operators and Expressions
- Console Input/Output
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- User-Defined Functions
- Arrays and Strings
- User-Defined Data Types : Structure, Union & Enumeration
- Pointers & Dynamic Memory Management
- File Handling
- Preprocessor Directives
- Introduction to Algorithms
- Appendix A : Answers of MCQs
- Appendix B : FAQs for Oral Examination
- Appendix C : Solution of Selected Programming Exercises

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>



Test Your C Programming Skills

Author :	Ikvinderpal Singh
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 325.00
Categories :	OBJECTIVE TYPE BOOKS, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book will teach you how to explore the immense potential of C, with lucid explanations to elusive solutions. Many of the Degrees or diplomas or certified programs being conducted in computer science and Information Technology field, it has indeed become difficult for software development companies to separate chaff from the grain. Hence many of the IT companies conduct written test in C language. Through on the face of it C language appears to be simple but it has number of features which can challenge the best in the field. This book will be an excellent guide for aspiring IT professionals and a valuable resource bank, for IT companies, to frame placement papers and technical interviews. Each chapter contains code snippets, Fill in the Blanks, True or false and Objective Type Questions.

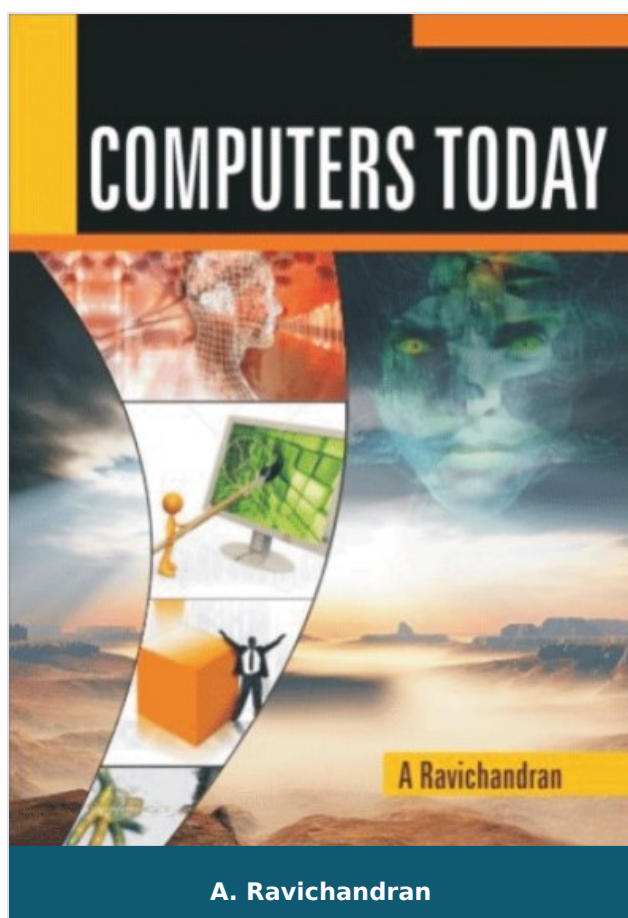
Table Of Contents

- Getting Started
- Operators and Expressions
- Console Input and Output
- Control Flow Statements
- Arrays
- Strings
- Functions
- Storage Classes
- Pointers
- Structure and Union
- Files
- C Preprocessor
- C Traps

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.



Computers Today

Author :	A. Ravichandran
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ISBN 10 :	9380016298
E-ISBN 13 :	978-93-80016-29-0
Edition :	1
Pages :	768
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Year :	2009
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	Book Store, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

This book covers all the aspects of computers starting from development of a computer to its software. Hardware, communication and many more. Since now a days computers are finding its way into every home, business industry, corporate and research activity, therefore the purpose of this book is to cover all the targeted audiences including beginners, advance users, computer specialists and end users in a best possible manner. After going through this book you will be able to find out- If a computer is needed by you or your organization. specification of the computer required by you or your organization. How installation of the computer will benefit you or your organization. Time for updating of your computer/ its hardware/ software. Basic as well as advance know-how about computers, its software and hardware. fast and easy steps for better working.

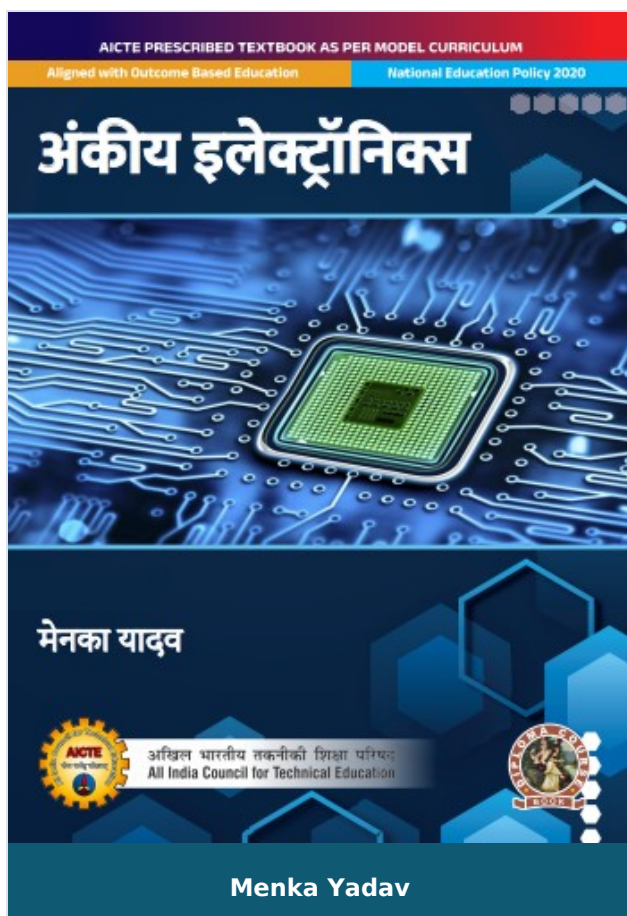
Table Of Contents

- An Introduction to Computers
- Development of Computers
- Fundamental of Computers
- Number Systems
- Data Communication and Networks
- System Software
- Applications Software
- Programming Languages
- Database System Management
- Introduction to Software Testing
- Introduction to System Analysis
- Program Development Cycle
- Computer Engineering and Graphics
- Computers in Management
- Information Systems for Business
- Inter Personnel Skills and Communications
- Computer System Management
- Managing Information Resources
- Computer Security, Crime and Ethics
- Robotics
- Index

Author

A. Ravichandran

A. Ravichandran He has obtained M.Tech degree in Computer Science & Engineering from IIT. Delhi and Ph.D degree in Computer Science and Engineering from IIT Kanpur. He has been in teaching field since 1983 and now currently guiding: research work on Image processing, Computer vision and Computer Graphics. He has also published 22 technical/research papers in National and International. He is an Sun certified programmer as well as Sun certified trainer by Sun Microsystems.



Digital Electronics

Author :	Menka Yadav
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Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

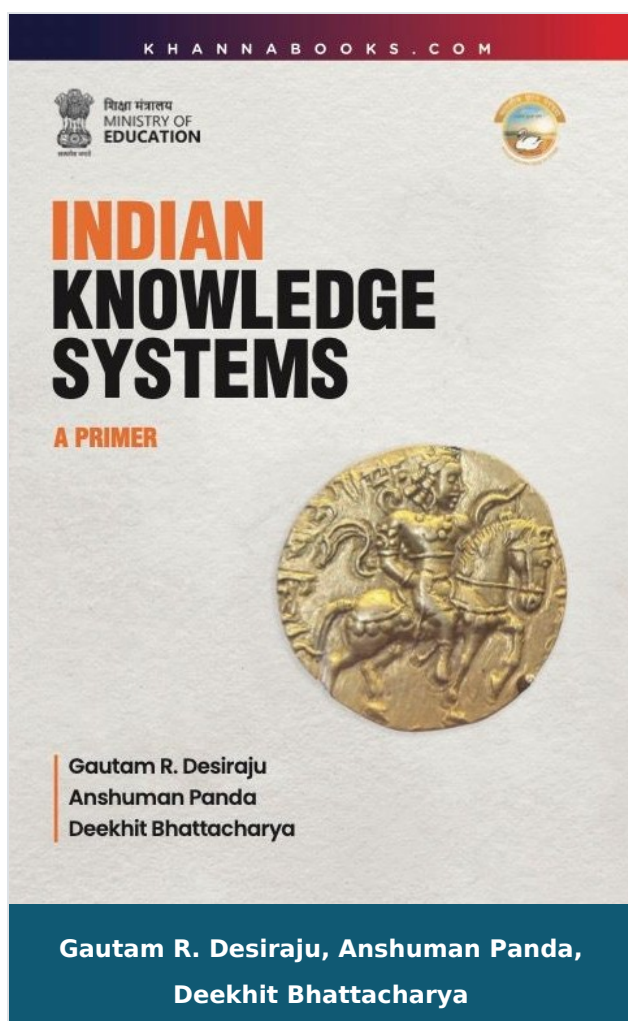
Product Description

Digital Electronics

Author

Menka Yadav

Dr. Menka Yadav Assistant Professor, Dept. of Electronics and Communication
Engineering (ECE), Malviya National Institute of Technology, Jaipur-302017, Rajasthan



Indian Knowledge System- A Primer

Author : Gautam R. Desiraju, Anshuman Panda, Deekhit Bhattacharya

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E-ISBN 13 : 978-93-09437-26-7

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 495.00

Categories : [New Arrivals, Book Store, Education & Knowledge Systems](#)

Condition Type : New

Country Origin : India

Product Description

The subject of Indian Knowledge Systems (IKS) has seized the attention of educationists, policy makers and administrators in universities and other teaching institutions. IKS has now entered the mainstream discourse and is the topic of discussion among both students and teachers.

The purpose of this introductory text, Indian Knowledge Systems: A Primer, is to present a perspective of an educational system that propelled our ancient country into a position of unparalleled and largely unrivalled position of economic and military superiority. This book explores how this actually came about, and sadly enough the roots of its decline, because of historical events that the people of this country were able to neither predict nor control.

This book also attempts to show how we can engineer a renaissance in IKS, in a country that is only now seeking its place in a new world order where paradigms of governance, war, and economies that have held sway for over 500 years are being overthrown with bewildering speed. At such a time, we hope that this introductory text will stoke a curiosity among young students who are at the threshold between school and college, and prompt them to ask whether they have it within themselves to be a part of this intellectual renaissance. Invoking Indians from the former generations, we are going to the distant past is, we believe, a worthwhile exercise because we are a part of a continuous civilization that shows little sign of real decline even after 5000 years.

This book is typeset in two vertical columns. The text on the left-hand side is typical curriculum material and may be the subject of quizzes, tests and examinations. The material on the right-hand side is extra, supporting text, that will hopefully enhance the enjoyment of the left-hand side with its illustrations, and the audio and video links. We urge teachers not to consider the right-hand side information as material suitable for tests and examinations, as this was not the intent of introducing the right-hand side

column.

We trust this book will be of interest to students and teachers and that our perspective on IKS will impel them to seek new avenues towards its study.

Table Of Contents

- What is Indian?
- What is Knowledge?
- What is Systems?
- What is IKS?
- Bhartiya Civilizational Reawakening

Author

Gautam R. Desiraju

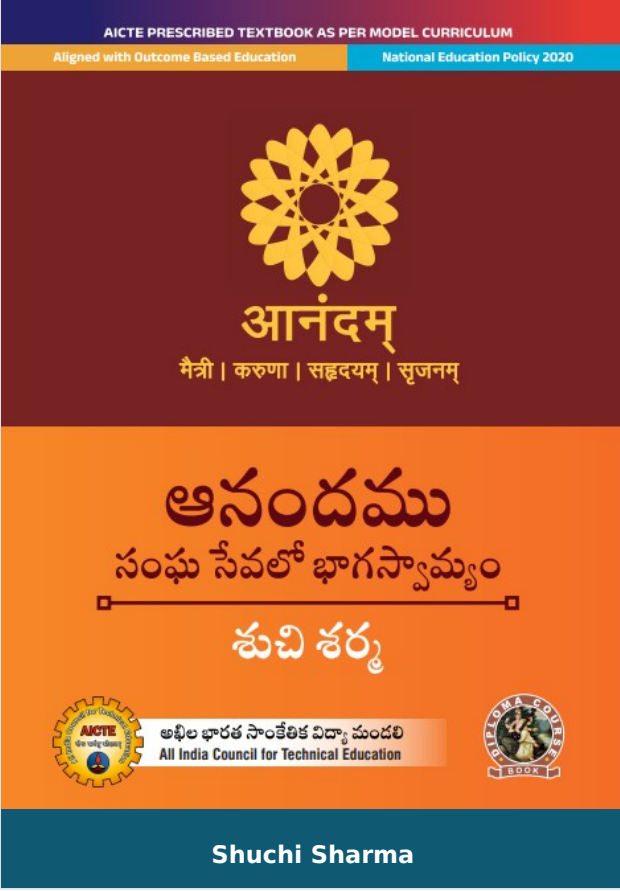
Gautam R. Desiraju

Anshuman Panda

Anshuman Panda

Deekhit Bhattacharya

Deekhit Bhattacharya



Aanandam An Act of Community Service

Author : Shuchi Sharma

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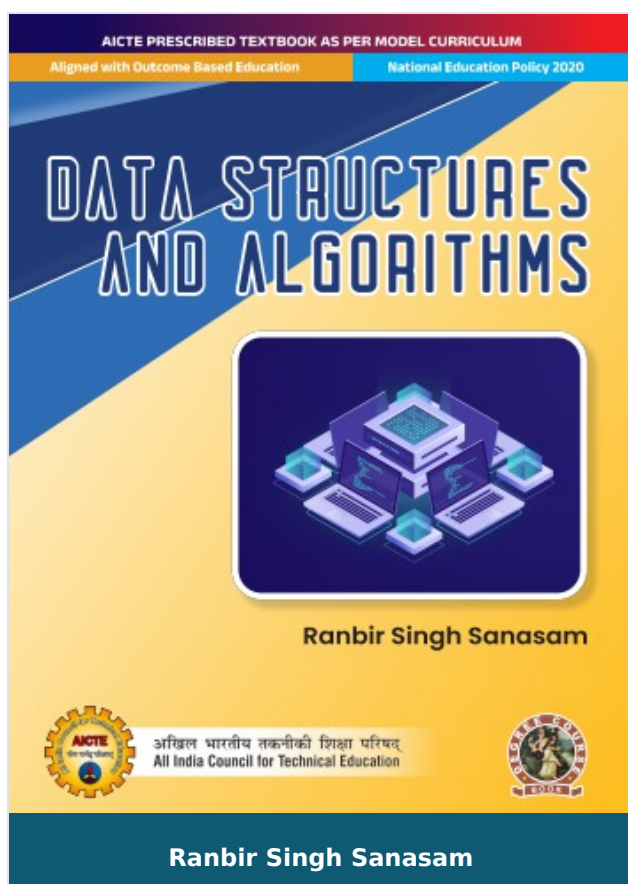
Product Description

Aanandam An Act of Community Service

Author

Shuchi Sharma

Dr. Shuchi Sharma, IAS (retd) Former Secretary Higher, Technical & Sanskrit Education,
Government of Rajasthan



Data Structure and Algorithms

Author : Ranbir Singh Sanasam

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Publisher : Khanna Publishing House

M.R.P : Rs 598.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store](#)

Condition Type : New

Country Origin : India

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.

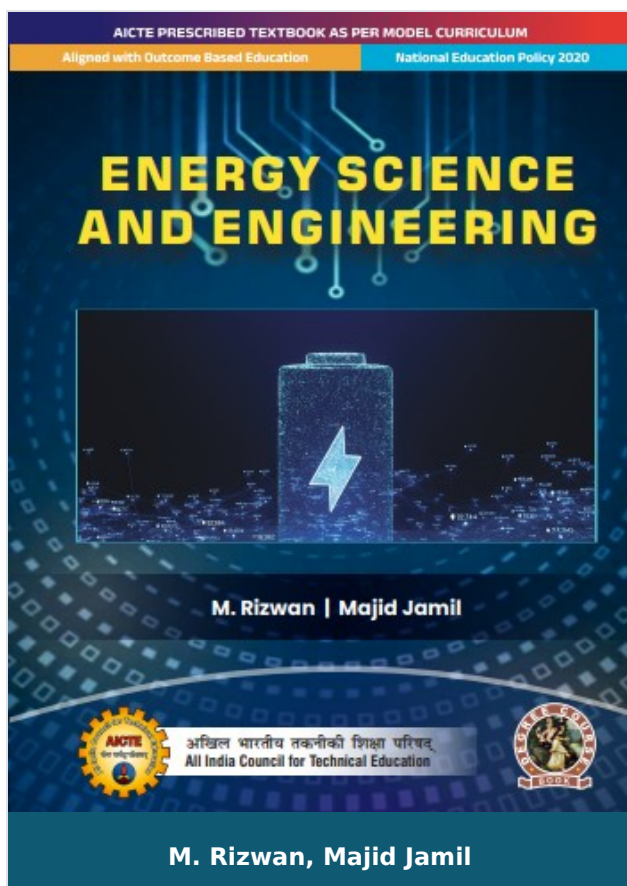
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- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- Introduction
- Array, Stack, and Queue
- Linked List and Trees
- Sorting, Hash and Graph
- CO and PO Attainment Table
- Index

Author

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Dr. Ranbir Singh Sanasam Professor, Department of Computer Science and Engineering,
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Energy Science and Engineering

Author : M. Rizwan, Majid Jamil

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E-ISBN 13 : 978-93-55385-14-7

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Publisher : Khanna Publishing House

M.R.P : Rs 348.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Energy Science and Engineering

This book has been designed for second-year students of undergraduate students in the engineering program. It will prove to be a valuable source for practicing engineers and faculty members. The book is divided into seven units and provides all the necessary information on an introduction to energy systems and renewable energy resources, with a scientific examination of the energy field with an emphasis on alternative energy sources, their technology and applications.

This book will provide an opportunity to explore society's present energy needs and future energy demands, examine conventional energy sources and systems including fossil fuels and nuclear energy. More focus of this book is on renewable energy sources, sustainability, and the environment. Clean energy technologies and their importance in sustainable development, carbon footprint, energy and environment, trade and research policy, future energy use that can be influenced by the economics, linkage between economic and environmental outcomes are discussed by including the latest available statistical data. This book also covers topics on civil project development for creating energy infrastructure. Concepts of green building and green architecture, energy auditing and energy enterprises with some practical examples are presented in easy language to understand the fundamental concepts. It is important to note that in all the units, dynamic QR codes are provided to collect additional knowledge on the specific topic.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.

- Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'Know More' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps.

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- Engineering for Energy Conservation (Green Building and Green Architecture)
- Engineering for Energy Conservation (Energy Auditing, Efficiency & Energy Conservation)
- Unit Summary
- Short and Long Answer Type Questions
- References and Suggested Readings

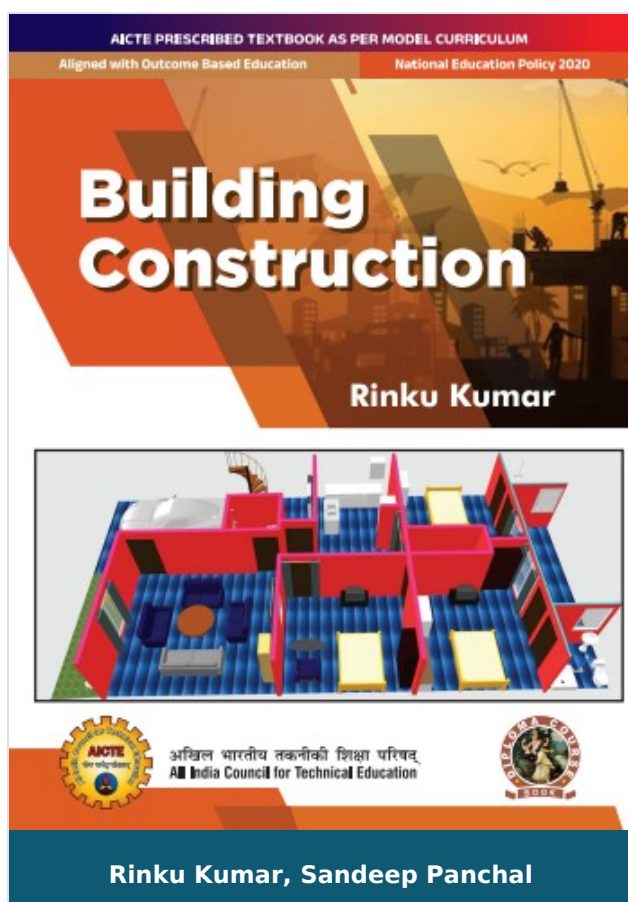
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Building Construction

Author : Rinku Kumar, Sandeep Panchal

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4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Building Construction

This book familiarizes the students with the basics of building construction. The main aim of this book is to provide conceptual knowledge of techniques and processes used for the construction of buildings that can be applied with the model curriculum of AICTE followed by the concept of outcome-based education according to the National Education Policy (NEP) 2020.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- The book consists of a lot of information about the construction of the various parts of building, making it easier to understand by the students.
- The 2-d and 3-D figures are given for enhancing the understanding of the subject in the students and field engineers.
- QR codes are given in the book to access advanced information about the different topics.
- Apart from the essential information, a 'know more' section is also included that gives information the historical facts and enhances the interest of the students in the subjects.
- Short-answer, long answer and multiple-choice questions (MCQs) are given for practice at the end of each unit.

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- Acknowledgement
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- Construction of substructure
- Construction of Superstructure
- Building Communication and Ventilation
- Building Finishes
- Appendices
- References for Further Learning
- Co and Po Attainment table
- Index

Author

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