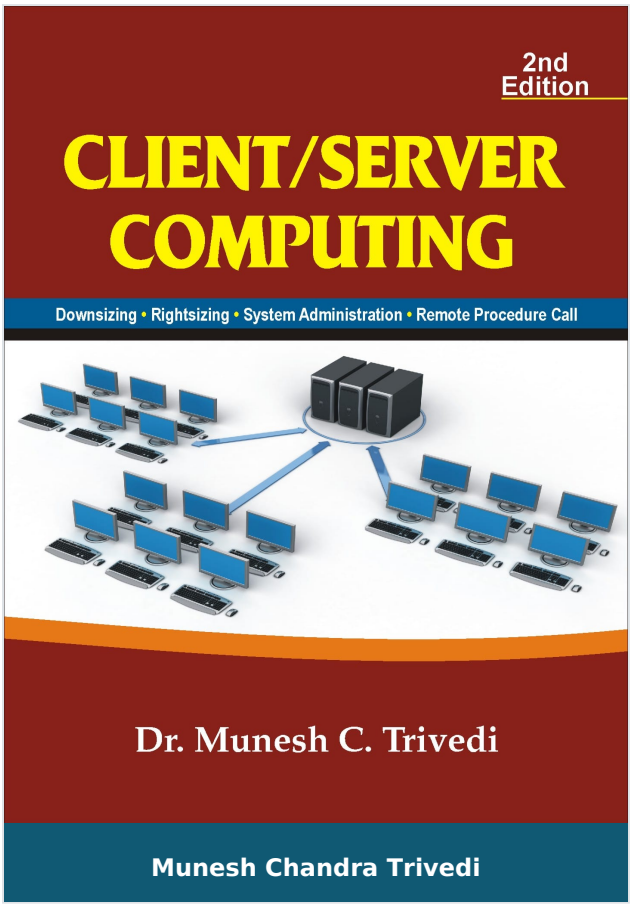


Client/Server Computing

Author :	Munesh Chandra Trivedi
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Product Description

There are many books available in the market on the proposed topic but none of them can be termed as comprehensive, Besides, students face problem in understanding the language of the books. Seeing these problems, it struck our mind that we should come up with a book in Client/Server Computing, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and universities.

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- Components of Client/Server Application
- Client/Server System Development
- Client/Server System Development Software
- Network Interfaces
- Client/Server Systems Development
- Client/Server Training Concepts
- Short Questions & Answers
- Multiple Choice Questions & Answers
- Client/Server Computing Question Bank
- Examination Papers

Author

Munesh Chandra Trivedi

Dr. Munesh Chandra Trivedi has more than 20 years of experience in the field of computer science & Engineering and has worked in Prestigious Institutions. He has more than 10 years' experience in various administrative responsibilities e.g., Dean (academics), Head of Department, TEQIP-111 Coordinator, PG coordinator, EDC cell Coordinator. Currently working Tripura, India, and Associate Professor and HoD (IT), Rajkiya Engineering College, Azamgarh, up (state Govt Institution of UP) with the additional responsibility of Dean Academics of the institute & Associate Dean UG Programs, Dr. APJ Abdul Kalam Technical University, Lucknow (State Technical University). He was also the Director (In-charge) at Rajkiya Engineering College, Azamgarh. He had successfully filed 81 patents (65 National and 16 International Patents

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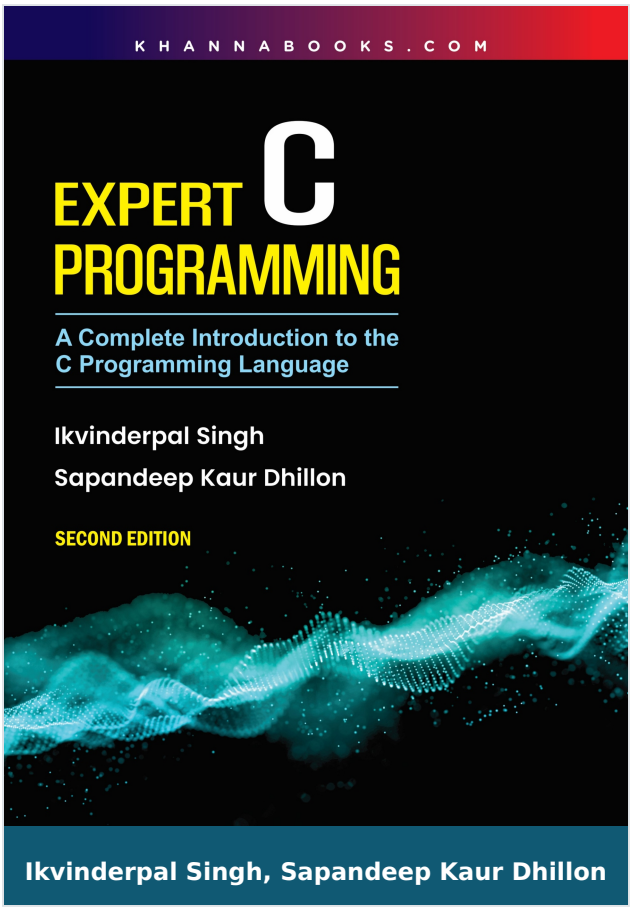
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(Germany, South Africa, and Australia)), out of which 40 patents were granted. He has published 12 textbooks and 168 research papers in different International Journals and proceedings of repute. He has also edited 38 books for springer Nature. He successfully supervised 14 PhD students and received numerous awards, including the Young scientist Visiting Fellowship, Albert Einstein Research scientist Award, Best senior Faculty Award, Outstanding Scientist, Dronacharya Award, Author of the Year, and vigyan Ratan award from different national, as well as international forums. He has organized more than 32 international conferences technically sponsored by IEEE, ACM, AND Springer. Dr.

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Expert C Programming

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Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of c++ programming. Its approach is explanatory and language is lucid and communicable. Each and every concept described with the help of its pictorial representation, examples, and solved programming to have clear ideas. Each chapter contains programming problems, objective type questions, and exercises. This book will be useful for student of BE(Computer/Electronics), B. tech, ME(Computer/Electronics), M. Tech, MCA, BCA, M.Sc., B.Sc., and also to students pursuing A/B/C-level Course of DOEACC.

Salient Features

- Brief introduction to computer and programming languages.
- Complete introduction to C programming including basic structure is given in detail.
- Extensive coverage of constants, variables, various data types are given in detail.
- Various types of operators and expressions are described with the help of examples and simple programs.
- Demonstrates the description of console I/o statements in a lucid manner.
- Each and every control statement is described with the help of flowcharts and simple programs.
- Includes numerous illustrative examples to understand the topic easily.
- Demonstrates every program in a good programming style.
- Around 300 objective type questions are included.
- Contains numerous theory exercises at the last of each chapter.
- Gives detailed description of arrays, strings and functions in lucid manner.
- Covers all concepts of pointers like pointer and array, pointer and function, dynamic memory allocation in details.

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- Detailed analysis of each and every storage class is covered with the help of programming examples.
- Detailed description to the concept of structures and unions.
- Presents various file handling operations like open (), close (), seek (), reading and writing a file, working with streams etc.

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- Strings
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- Pointers
- Structures and Unions
- File Handling
- C Preprocessor and Characters Test Functions

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.

Sapandeep Kaur Dhillon

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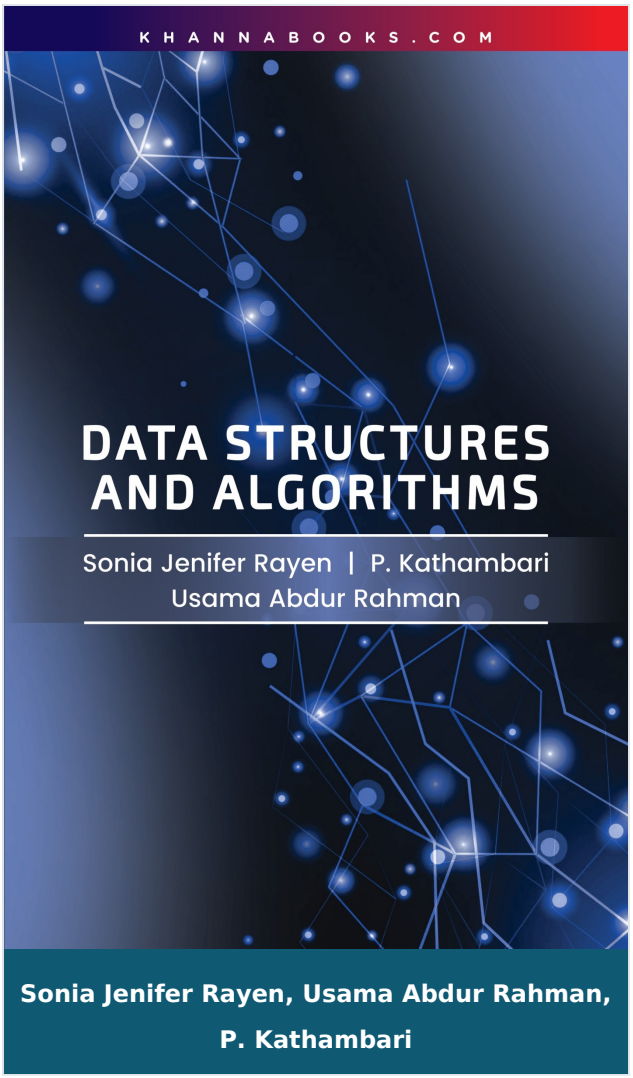
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Sapandeep Kaur Dhillon is an assistant professor in the department of computer science, Guru Nanak Dev University, Amritsar, bringing 12+ years of dedicated academic experience to the discipline. She has authored 4 books, published 10+ research papers across national and international journals, reflecting her steady engagement with emerging trends in computing. Her academic interests span data structures, Compiler Design, and Artificial Intelligence, where she integrates foundational theory with practical, algorithmic thinking.

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Data Structures and Algorithm

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Product Description

In the rapidly evolving landscape of computer science and technology, a foundational mastery of data structures and algorithms is paramount for efficient problem-solving and system design. This essential textbook is specifically designed to offer Computer Science, Information Technology, and allied students, along with educators and aspiring programmers, a broad and easy-to-understand exposition of these key principles.

The book's core purpose is to build a strong, clear, and practical understanding of fundamental concepts, integrating theoretical principles with applied implementation so readers can not only grasp the inherent logic but also implement solutions in real-world computing environments. The text systematically covers traditional structures like Arrays, Linked Lists, Stacks, and Queues, alongside complex non-linear structures such as Trees and Graphs. It then advances to essential algorithm design techniques, including Divide and Conquer, Greedy Algorithms, and Dynamic Programming, and comprehensively covers Searching and Sorting methods.

A key highlight is the dedicated focus on Algorithm Analysis, thoroughly explaining concepts like Time and Space Complexity and Big O notation to ensure readers can develop efficient, optimized solutions. Maintaining an academic yet friendly tone, the book ensures clarity by breaking down complex concepts, supplemented with numerous diagrams, real-life examples, and code snippets, primarily using Python for readability. This text is an indispensable guide for establishing the analytical and coding skills necessary for academic and professional success.

Salient Features:

• Foundational DS: Systematically covers primitive and non-primitive structures like arrays, linked lists, stacks, queues, trees, and graphs, forming the core of computing.

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• Performance Analysis: Explains the crucial concepts of Big O notation, time, and space complexity analysis, enabling the design of optimized and efficient coding solutions.

• Advanced Techniques: Details advanced algorithm design paradigms, including Divide and Conquer, the Greedy approach, Dynamic Programming, and Backtracking for complex problem-solving.

• Practical Coding: Adopts a hands-on approach with numerous code snippets, examples, and diagrams, utilizing Python for clear, readable implementation of concepts.

• Search & Sort Mastery: Provides clear, step-by-step coverage of fundamental operations like linear search, binary search, and various efficient sorting methods (Quick, Merge, Heap).

• Applied Solutions: Explores real-world applications of data structures, such as polynomial manipulation via lists and shortest path problems using Dijkstra's algorithm.

• Conceptual Clarity: Establishes a strong basis by thoroughly defining and differentiating between data, information, and Abstract Data Types (ADT) before implementation.

• Student Focused: Includes chapter-end exercises and problems to reinforce learning, making it an ideal, syllabus-aligned guide for academic and professional preparation.

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Author

Sonia Jenifer Rayen

Sonia Jenifer Rayen, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

Usama Abdur Rahman

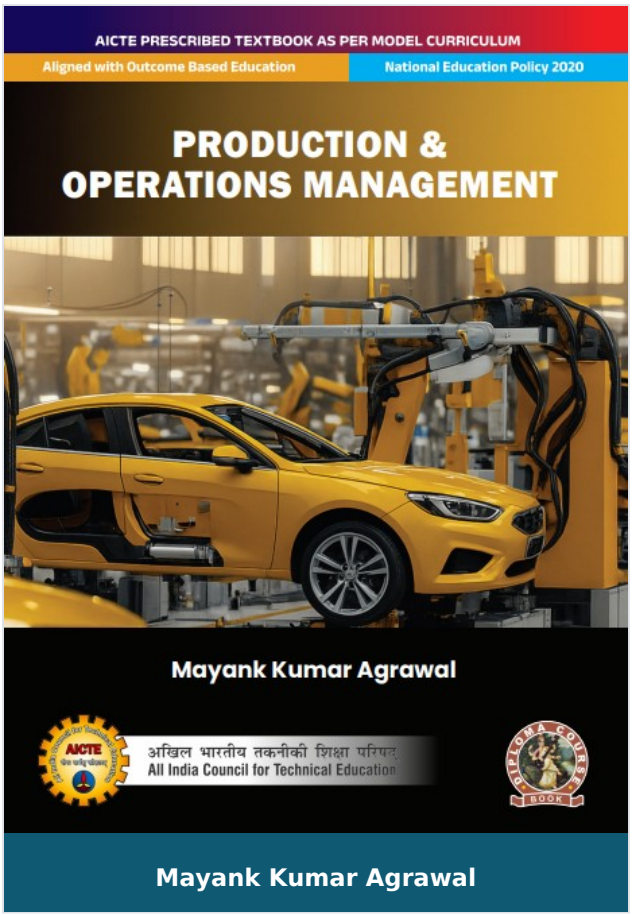
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Production & Operations Management

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Product Description

Production & Operations Management

Production & Operations Management is a field of management that focuses on overseeing an optimizing the process of producing goods and services. It involves planning, organizing, and controlling the activities involved in the production of goods and delivery of services. This book gives detailed description about production management and operation management in industry. The book entitles “production & Operations management” developed as per the model curriculum of AICTE for third year students of mechanical and industrial Engineering.

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.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- 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 systematic step. All chapters have been updated to reflect new techniques, case studies and technologies. Expansion of purpose and impact of strategic planning, including environmental and sustainability issues. Allows students to understand the importance of the field at a higher level, including impacts and benefits to society as a whole.

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- Information included on lean production concepts and theory of constraints. Theory of constraint provides an interesting and potentially effective alternative method to think about several of the concepts in the book, and can help students compare and contrast theory of constraints with non-theory of constraint approaches.
- Book provides lots of recent information, interesting facts, QR code for E-resources etc.

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- Assembly Line Balancing
- Material Management
- Annexure
- CO and PO Attainment Table
- Index

Author

Mayank Kumar Agrawal

Mayank Kumar Agrawal Lecturer Department of Mechanical Engineering Technical College, Dayalbagh Educational Institute (Deemed to be University), Agra, 282005, Uttar

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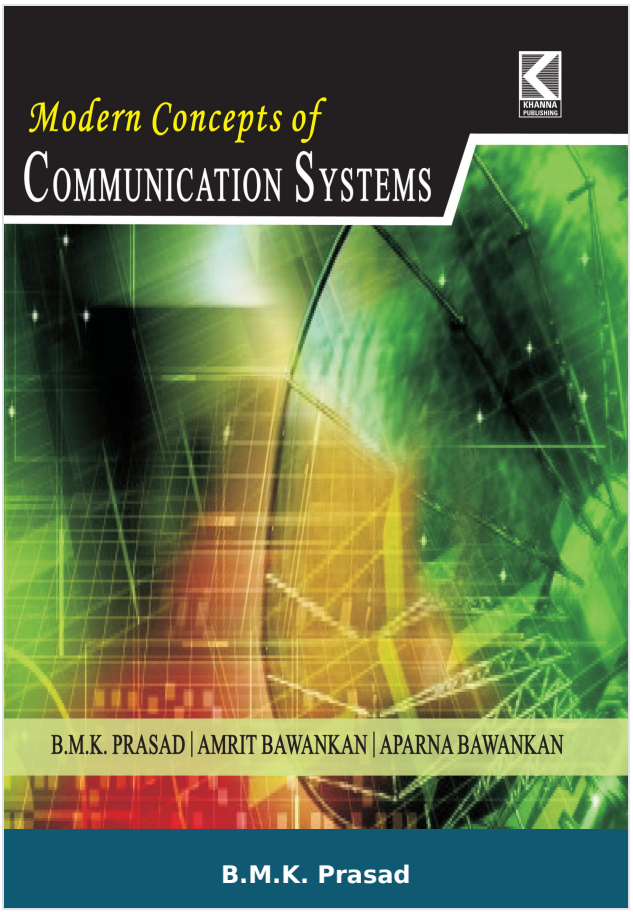
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Modern Concepts of Communication Systems

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Product Description

The Proposed book Modern Concepts of Communication Systems is considered as one of most respected and authentic texts in the field of communication systems and engineering. Its profound mathematical treatment, clarity of concepts rich set of assignment problems and of course, novelty in approach defined in many way how analog or digital communication are taught in engineering college. The book is covering almost all the parts of syllabus of M.D. University, Rohtak, Gautam, Buddha University, Lucknow, Mahamaya University, Noida, old UPT University K.U. Kurukshetra etc.

Communication systems are a core subject for undergraduate course in Electronics and Communications, and Computer Engineering. It is also offered as a special subject for undergraduate courses in Electronical and Instrumentation Engineering, and for postgraduate course in Physics, Electronics and Computer Science. This book is primarily intended to serve as a textbook for undergraduate course in Electronics and Communication Engineering.

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Table Of Contents

- Communication Systems
- Amplitude Modulation
- Angle Modulation
- Signal Analysis
- Noise
- Pulse Modulation
- Digital Modulation
- Index

Author

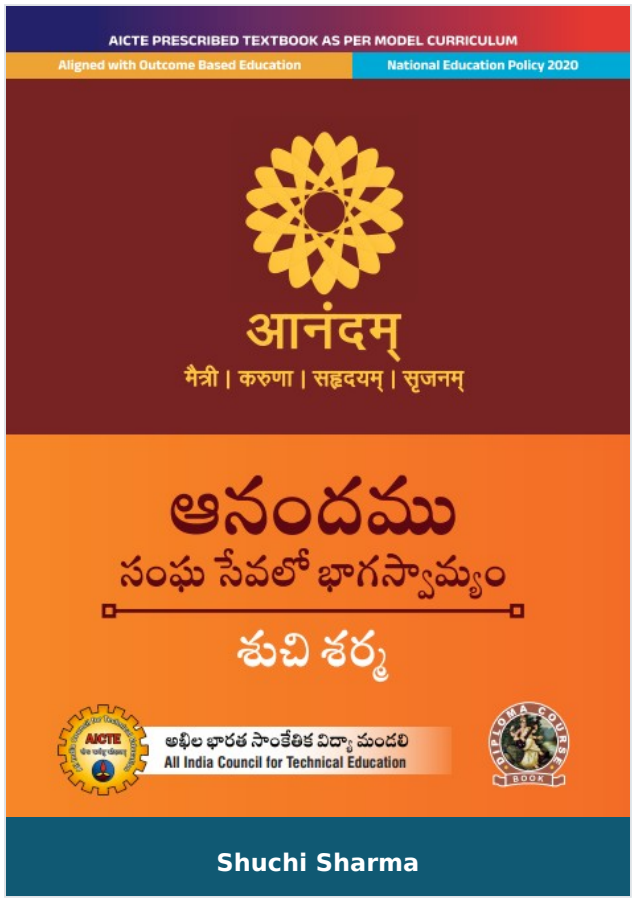
B.M.K. Prasad

B.M.K. Prasad is a principal Of Dronacharya College of engineering , Gurgaon

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Aanandam An Act of Community Service

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Author

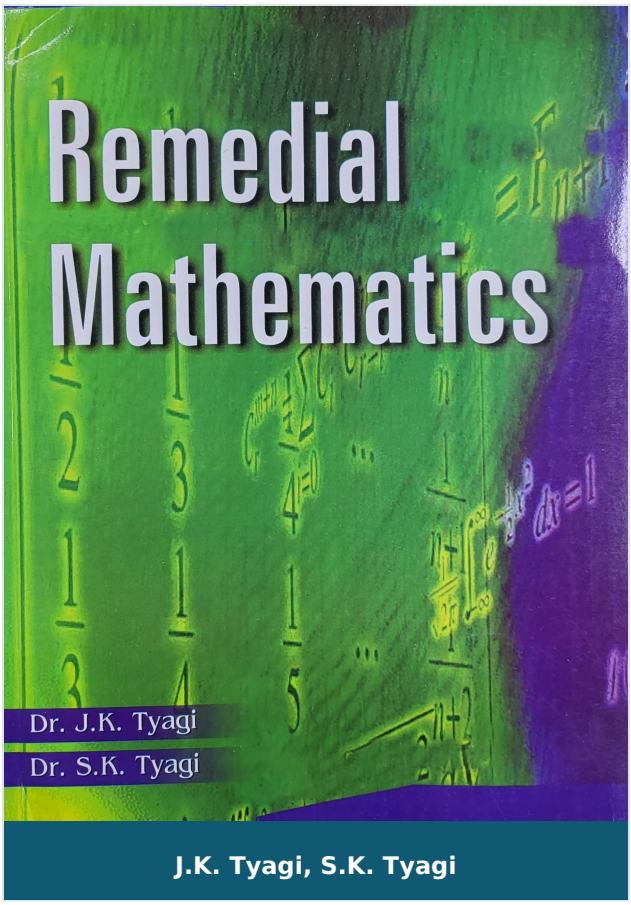
Shuchi Sharma

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

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Remedial Mathematics

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Product Description

The language is very simple and easily understandable. The approach is to communicate the practical aspects of mathematics in a way that drives out the common fear of learning any mathematical subject. A large number of solved and unsolved problems have been included. Topics are followed by figures and tables. The notations and terminology have been clearly explained wherever desirable. In each chapter, all concepts and definitions have been discussed in detail with suitable examples.

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- Question Paper
- Log Tables

Author

J.K. Tyagi

Dr. J.K. Tyagi is Professor and head department of Applied Science, Maharaja Agarsain Institute of Technology Ghaziabad (U.P.)

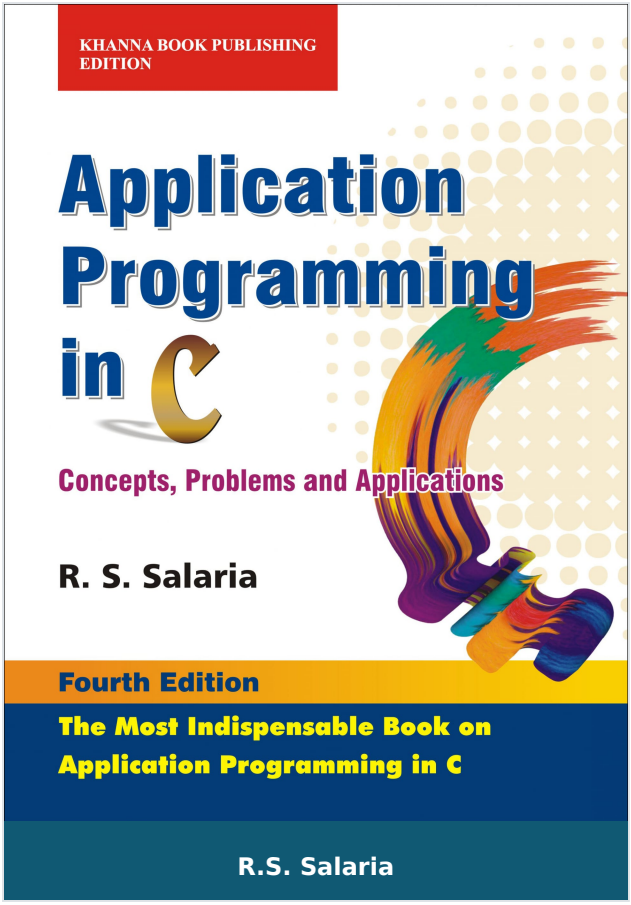
S.K. Tyagi

Dr. S.K. Tyagi is Senior Lecturer, Amity School of Engineering and Technology , Amity University, Noida (U.P.)

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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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- More About Data Types & Bitwise Operators
- Pointers & Dynamic Memory Management
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- 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:

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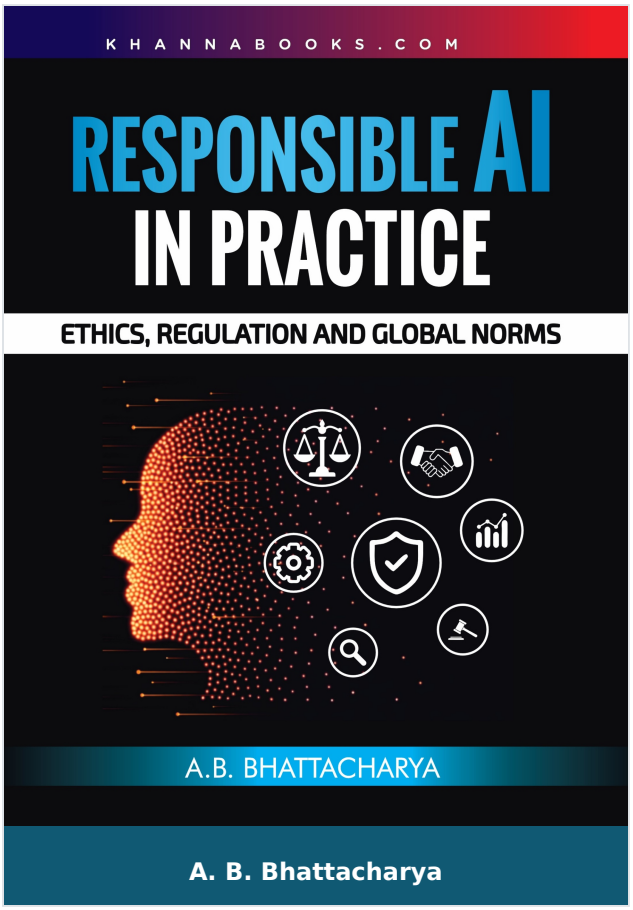
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Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about 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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Responsible AI in Practice (Ethics, Regulation and Global Norms)

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Product Description

Responsible AI in Practice (Ethics, Regulation and Global Norms)

Responsible Al in Practice: Ethics, Regulation and Global Norms serves as a vital compass for navigating the complex intersection of cutting-edge technology and human values. In an era where Artificial Intelligence has moved from science fiction to a pervasive social force, this book addresses the urgent question of how to ensure Al serves humanity rather than undermining it. It transcends abstract academic debate by bridging the gap between philosophical reflection and real-world implementation, offering a practical guide to transforming high- level ethical principles into actionable product designs and regulatory enforcement.

The text meticulously explores the evolving tapestry of global Al governance, from the European Union's Al Act to UNESCO's global guidelines, providing a multidimensional view of how different nations are crafting a shared ethical language for machines. Designed for a broad audience, it speaks directly to policymakers drafting laws, engineers embedding ethics into code, researchers probing machine learning boundaries, and engaged citizens seeking to understand the societal mirror that Al represents. By weaving together case studies, ethical checklists, and comparative legal insights, the book empowers readers to act as responsible custodians of transformative technology.

Salient Features: -

- **Practical Frameworks for Ethical Design**: The book moves beyond theory to provide a "roadmap" for embedding fairness and accountability directly into Al architecture. It offers technical toolkits for mitigating bias and solving the "Black Box" problem through Explainable Al (XAI), ensuring systems are both transparent and trustworthy.

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Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of

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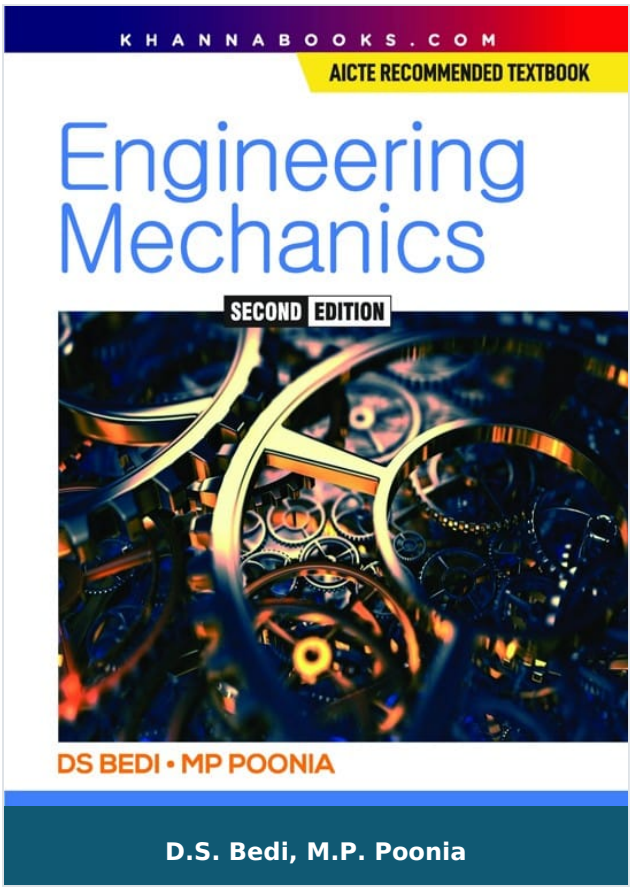
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Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness hon0red him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lighting is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.

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Engineering Mechanics

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This book is based on expertise of the authors obtained through their long teaching careers. It is put up in a simple language so that it could cater to one and all.

The attention of the students is drawn to the topics of bending moments and twisting moments which are not properly explained in most of other books. They have been explained with the help of Vectors, which are used to present these quantities in such a way that one can easily distinguish between these two, as what is Bending moments and what is Twisting Motions.

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Author

D.S. Bedi

Dr. D.S. Bedi is one of the distinguished writers in India. He possesses a very excellent academic background. He had held various high positions viz. formerly Professor Emeritus at Department of Mechanical Engineering, Institute of Engineering and Technology (Punjab); Professor & Head, Dept. of Mechanical Engineering,Thapar Institute of Engineering & Technology (Punjab); Visiting Professor at Wayne State University, Detroit, MI (USA); Principal, Baba Banda Singh Bahadur Engineering College, (Punjab); Advisor-cum-Consultant at G.G.S. College of Modern Technology (Punjab); Director, Punjab College of Engineering; Technology, Punjab.

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M.P. Poonia

Dr. M.P. Poonia is presently serving as Vice Chairman, All India Council for Technical Education (AICTE). Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh. Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata. Dr. M.P.Poonia is specialized in the field of Mechanical Engineering. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 8 books with M/s. Khanna Book Publishing Company.

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Mastering C# 4.0 (With Complete C# Language and Examples)

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- Strings & Formatting
- Multi thread Programming
- Collections, Enumerators and Iterators

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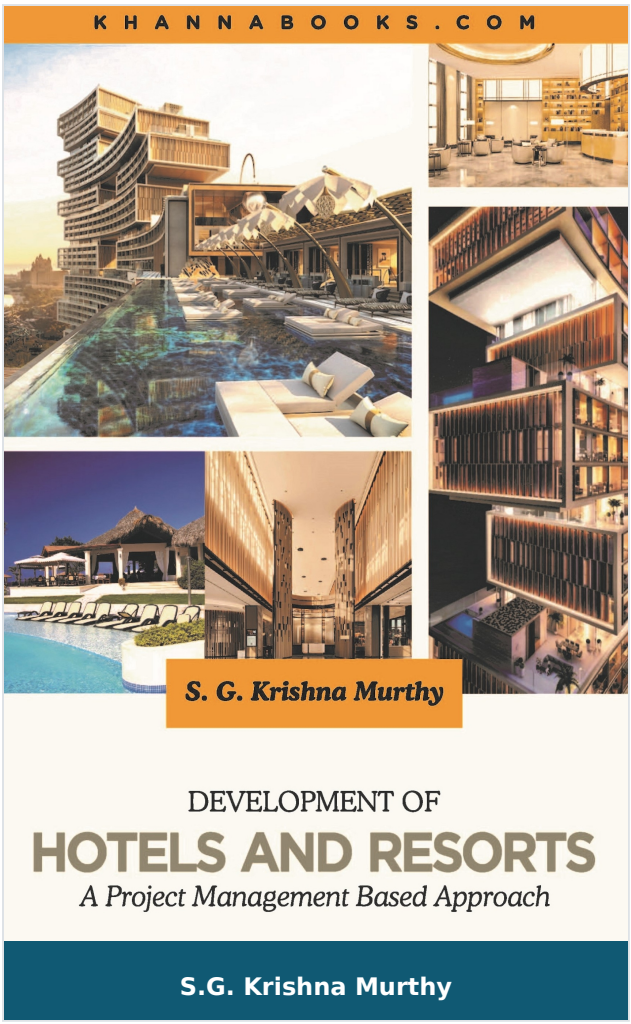
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Development of Hotels and Resorts (A Project Management Based Approach)

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This book is explores the origin and development of 5-star hotels and resorts, and the project management skills needed for their systematic construction. It describes the roles and responsibilities of various professionals involved in the process, such as the owner, consultant, project coordinator, and design team. It also covers the building automation systems and computer applications that are essential for hotel management. Moreover, it explains the project management principles for construction management in detail.

The book also addresses the impact of COVID-19 on the global economy and the risks and precautions associated with it in the hospitality industry. It discusses, in detail the future opportunities for developing resorts along India’s long coastline. The author, a civil engineer and a consultant with over 40 years of experience in the industry, hopes that this book will be useful for consultants, civil engineering and MBA student, University teachers, and aspiring hotel and resort developers. Shri S G Krishna Murthy has had a splendid professional journey. His life philosophy and meticulous handling of project and the message he wants to give young engineers have all been encapsulated in his book.

I am sure the book will be very useful to project engineers and those involved in hotel projects.

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- Role of Design Team
- Project Management/ Construction management
- Duties of FF&E (Future Fittings & Equipment) Manager and Concerned Staff
- Risks with COVID-19 and Corrections
- Scope for hotels & Resorts in India

Author

S.G. Krishna Murthy

This book is explores the origin and development of 5-star hotels and resorts, and the project management skills needed for their systematic construction. It describes the roles and responsibilities of various professionals involved in the process, such as the owner, consultant, project coordinator, and design team. It also covers the building automation systems and computer applications that are essential for hotel management. Moreover, it explains the project management principles for construction management in detail. The book also addresses the impact of COVID-19 on the global economy and the risks and

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