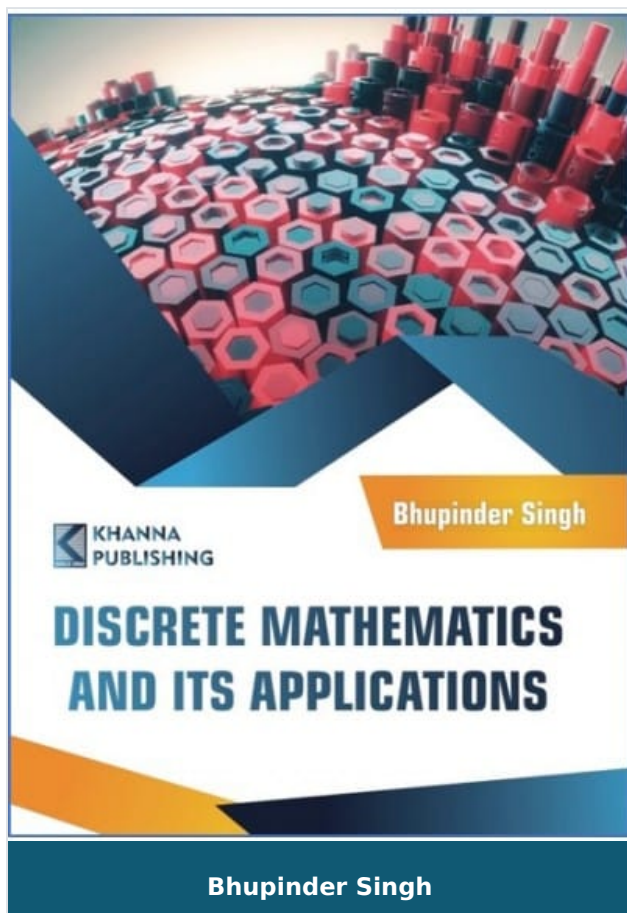




Discrete Mathematics and its Applications

Author :	Bhupinder Singh
ISBN 13 :	978-81-87325-24-5
ISBN 10 :	8187325240
E-ISBN 13 :	978-81-87325-24-5
Edition :	1
Pages :	556
Type of book :	Physical
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	APPLIED SCIENCES & HUMANITIES, Book Store, APPLIED SCIENCES & HUMANITIES
Condition Type :	New
Country Origin :	India

Product Description

The book is designed for a one semester course in discrete mathematics for B.E. (Computer Science and Engineering), B.E. (Information Technology), MCA and BCA students. It covers syllabus of the most Indian universities. Keeping this in mind the contents of the books are incorporated accordingly. The discipline of mathematics requires working of problems to enhance the understanding. Therefore, numbers problems are appended at the end of each chapter. Solutions are also provided to these problems. This has been divided into 15 chapters. In spite of my best care, it is possible that some errors, printing mistakes etc., might have crept in. I shall be thankful if the same is brought to my notice. Suggestions for further improvement of the book by readers will be highly appreciated.

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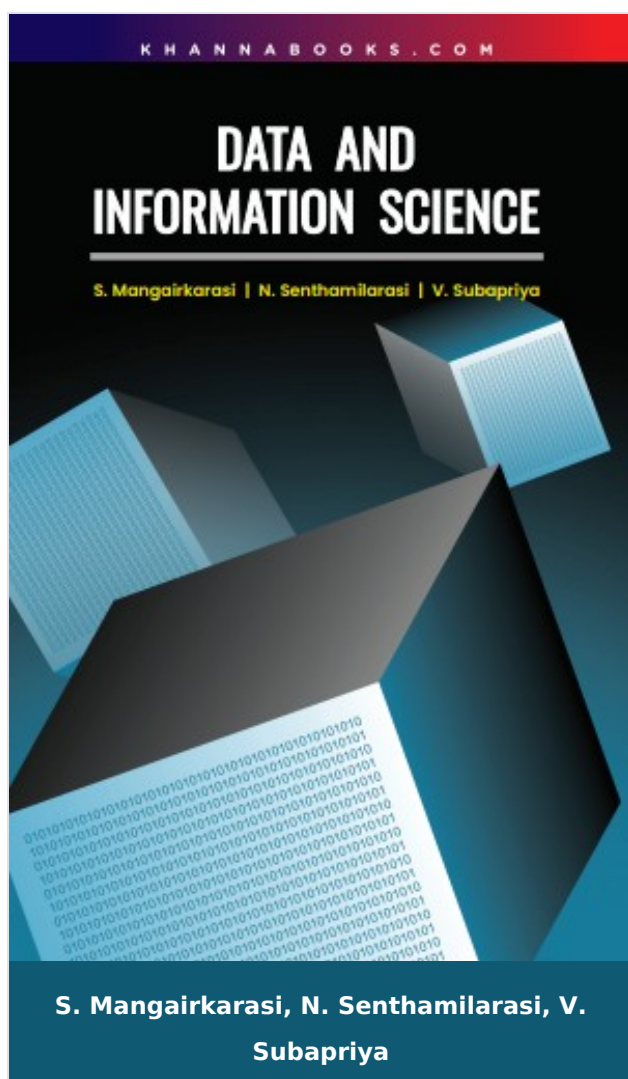
- Set Theory
- Mathematical Induction
- Relations
- Functions
- Combinatorial Analysis
- Graph Theory
- Planar Graphs, Colorations
- Trees
- Algebraic Systems
- Posets and Lattices
- Propositional Logic
- Boolean Algebra
- Finite State Machine
- Recurrence Relations
- Generating Functions

Author

Bhupinder Singh

Bhupinder Singh Bhupindra Singh Namadhari, Senior Lecturer, Computer Science and Engineering, Punjab Engineering College, Chandigarh, got his B.sc. (Electronics & Communication). From B.I.T. Mesra, Ranchi and M.E. from Devi Ahialaya Vishwa Vidalaya, Indore. He joined as lecturer at corps of Singals, Minstry of Defence and worked from May, 1980 to Jan, 91. He joined as a lecturer at Punjab Engineering College, Chandigarh and selected to the post of Assistant Professor in Department of Computer Science &

Engineering at R.E.C. Hamirpur. He was reverted back to Punjab Engineering College in Feb' 99. He is life member of the following societies: M.I.E.T.E, M.I.E., C.S.I, He was invited by Pacific Telecommunications Council-97 to act as a Chairperson in the field of Cyptography at Honolulu, Hawaii. He has published more than 30 research papers in the field of Cryptography, Artificial Intelligence, Vedic Mathematics in National/Internal Journal/Conferences. His research work in the field of "Computer Implementation of Vedic Mathematics Sutra" has been considered equivalent to Ph.D. in engineering by Dr. A.K. Ramani of University Putra Malaysia (More than 100 research papers to his credit). and Dr. P.K. Chande, Director, SGSITS Indore (More than 100 research papers to his credit) Bhupindra Singh has authored nine books in the field of Digital Electronics, Microprocessor, Cobol Programming and Microcontrollers.



Data and Information Science

Author : S. Mangairkarasi, N.
Senthamilarasi, V. Subapriya

ISBN 13 : 978-93-55389-72-5

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Edition : First

Pages : 164

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Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 298.00

Categories : [New Arrivals, Book Store,](#)
[Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Data and Information Science

This book provides a comprehensive and practical guide to the multidisciplinary fields of data science and information science. In an increasingly data-driven world, the text addresses the critical need to understand, manage, and extract actionable value from massive data sets in sectors ranging from business to government. It is an essential resource for students, professionals, and hobbyists seeking to master the techniques of this transformative domain. The book systematically explores the entire data lifecycle, from initial data acquisition, preprocessing, and cleaning to advanced subjects like Artificial Intelligence, Big Data Analytics, and Data Ethics.

It successfully bridges the gap between theoretical concepts and practical application by detailing key methodologies, essential tools of Business Intelligence (BI), and providing real-world insights. Readers will gain an in-depth understanding of how to combine computer science, statistics, and machine learning principles to detect patterns, predict outcomes, and drive superior decision-making. Ultimately, this material is designed to equip you with the critical skills needed to utilize data effectively, spur creativity, and confidently participate in the ongoing data-driven revolution.

Salient Features:

- **Full Data Lifecycle:** Presents a complete framework covering all steps of the data lifecycle, from acquisition sources (Web APIs, Relational Databases) to data processing and final analysis.
- **Practical Tool Focus:** Integrates practical tools and libraries like Pandas, NumPy, and Matplotlib for real-world data preparation and implementation in Machine Learning models.

- **Data Quality Mastery:** Offers detailed strategies for improving data quality, including Data Wrangling, handling missing values, and utilizing Binning, Regression, and Clustering for noisy data.
- **Big Data Principles:** Introduces the fundamental concepts and challenges of Big Data (Volume, Variety, Velocity) and discusses effective strategies for processing and utilizing massive datasets.
- **Text Analysis Techniques:** Dedicated coverage of text-based data handling, exploring methods such as Bag of Words, Regular Expressions, and the practical application of Sentiment Analysis.
- **Visualization and BI:** Provides essential skills in data visualization basics, including creating compelling charts and dashboards using the leading Business Intelligence tool, Tableau.
- **Data Transformation Depth:** Explores the nuances of data transformation, detailing structural changes, normalization, discretization, and the difference between ETL and ELT processes.
- **Open Data Resources:** Highlights key sources for obtaining data, including internal/external systems, Cloud Data Warehouses, and open-source repositories like Kaggle and the UCI Machine Learning Repository.

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- Data Acquisition
- Data Processing and Preparation
- Data Quality and Transformation
- Handling Text Data
- Business Intelligence Strategy and Road Map

Author

S. Mangairkarasi

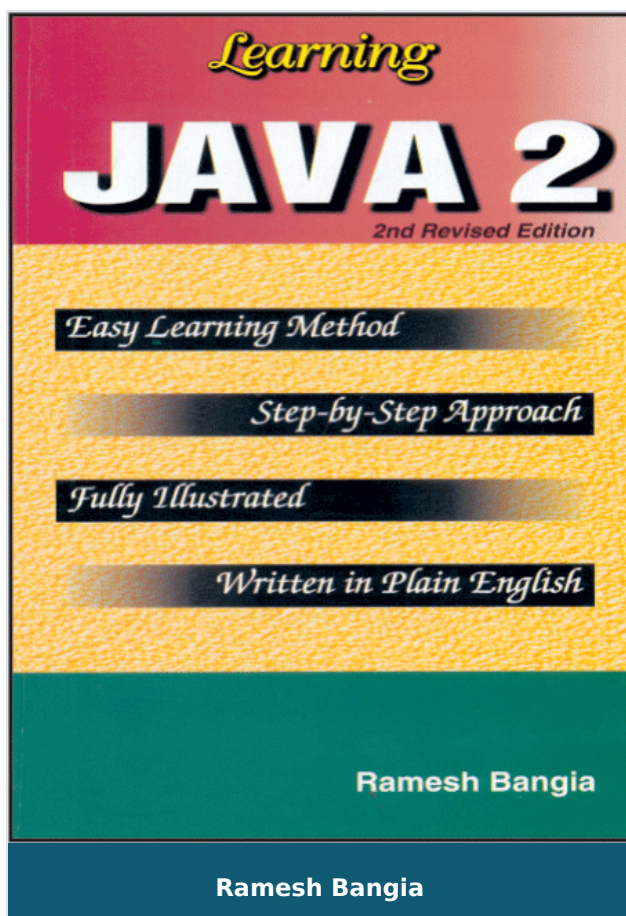
S. Mangairkarasi Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

N. Senthamilarasi

N. Senthamilarasi Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

V. Subapriya

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Learning Java 2

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-78-2
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Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

Learning of a software is both easy and difficult. It depends upon what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realise how difficult it is to master it. JAVA is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

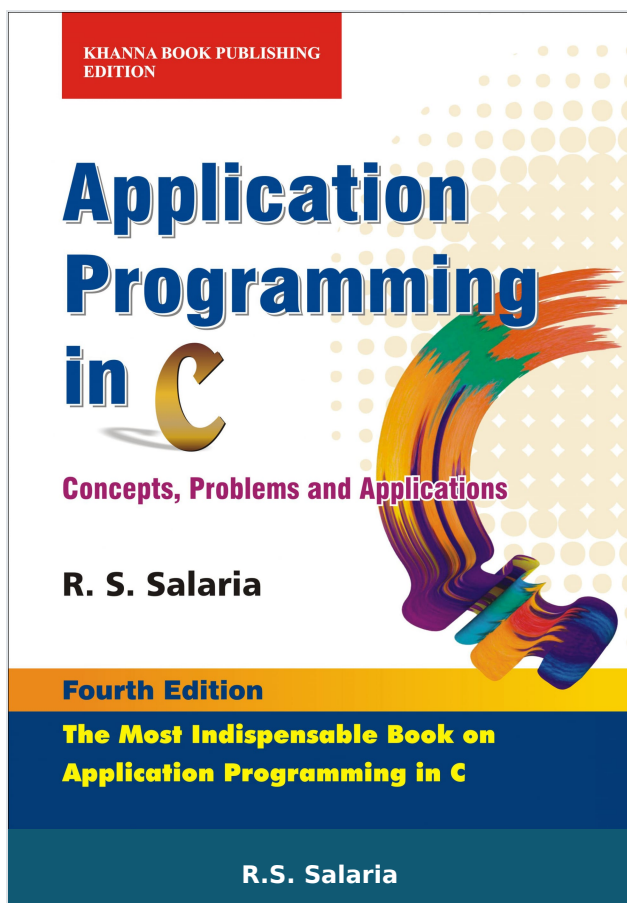
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- Introduction to JAVA
- JAVA and C++
- JAVA Programming
- Applets Programming
- Graphics using Applets
- Object Oriented Programming
- Interface Design with Swing
- What's Next
- Questions

Author

Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools, Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle East and African countries.



Application Programming in C

Author :	R.S. Salaria
ISBN 13 :	978-93-81068-42-7
ISBN 10 :	9381068429
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Edition :	4
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 750.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

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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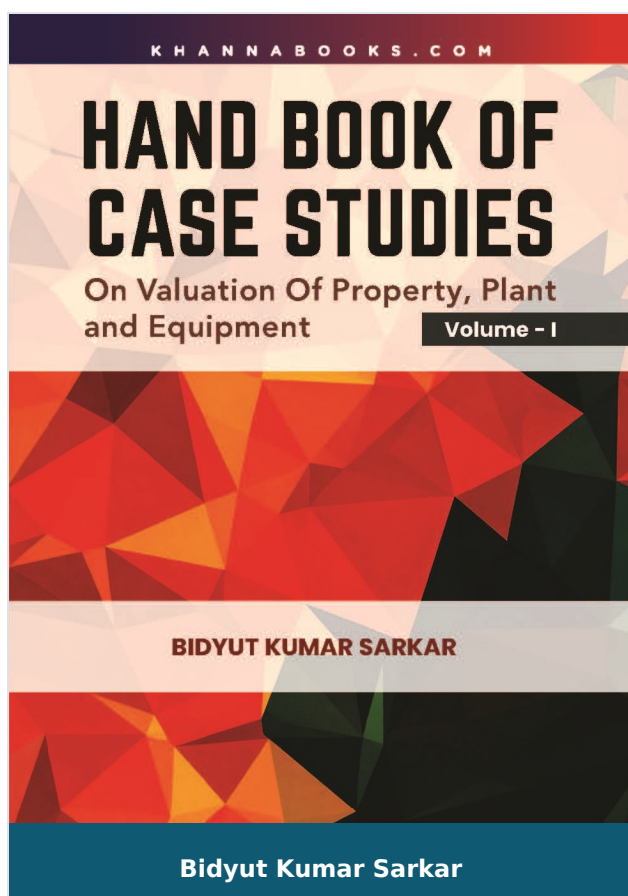
- Basics of Programming
- Overview of C Language
- Data types Operators & Expressions
- Handling Keyboard Input & Screen Output
- Control Statements
- Functions
- Program Structure & Storage Classes
- Array Processing
- String Processing
- Structures & Unions
- More About Data Types & Bitwise Operators
- Pointers & Dynamic Memory Management
- Managing Data Files
- Working With Graphics Using Turbo C
- Sorting, Searching & Merging
- Appendices
- 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. </p>



Handbook Of Case Studies (On Valuation of Property, Plant and Equipment), Volume-1

Author : Bidyut Kumar Sarkar

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ISBN 10 : 9374546892

E-ISBN 13 : 978-93-74546-89-5

Edition : First

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 1,450.00

Categories : [Civil Engineering, New Arrivals, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Handbook Of Case Studies (On Valuation of Property, Plant and Equipment), (Volume - I)

“Hand book of Case Studies: On Valuation of Property, Plant, and Equipment (Volume - I)” offers a comprehensive and practical guide for students and professional aiming to develop Expertise in valuation report writing within the field of PPE. Drawing on real-world examples and detailed case studies, the book effectively bridges the gap between valuation theory and practical application, making it an essential resource for aspiring and practicing valuers. Valuation is a critical skill across many industries, yet the practical of report writing are often underrepresented in traditional education.

This book addresses that gap by providing structured guidance of preparing accurate and reliable valuation reports. It covers key areas such as data collection, analysis of market conditions, methodologies, and adherence to professional standards, with a strong focus on mortgage valuation scenarios. Through its case studies, the book demonstrates how professional judgement, supported by technical knowledge, leads to objective and defensible valuations.

The book also emphasizes the importance of understanding the context of valuation, including the expectations of investors, property owners, and businesses, as well as evolving market conditions. It highlights the role of the valuer as an intermediary who connects clients with market realities and provides insights that support informed financial decision-making. Written in a clear and accessible style, Hand book of Case Studies: On Valuation of Property, Plant, and Equipment serves both as a learning tool and a reference guide, and is highly recommended for students of Management, Valuation, and related disciplines, as well as professionals seeking to enhance their skills in property and asset valuation.

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- Revaluation of Fixed Assets: - Army Welfare Project, Gelephu Distillery, Gelephu, Bhutan
- Revaluation of Fixed Assets: - Army Welfare Project Ltd (AWPL), BCD, Bihar, Gelephu, Bhutan
- Revaluation of Fixed Assets: - Army Welfare Project Ltd (AWPL), Thimphu BWH & Saw Mill, Bhutan
- Revaluation of Fixed Assets: - Army Welfare Project Ltd (AWPL), H. O., Bhutan
- Revaluation of Fixed Assets: - Revaluation of Fixed Assets Bhutan Concast Pvt. Ltd., pasakha Industrial Estate, chukha dzongkhag, pasakha, Bhutan
- Revaluation of Fixed Assets: - Bhutan National Bank Ltd., Thimphu Corporate Office Building Norzing Lam 2, Thimphu, Bhutan
- Revaluation of Fixed Assets: - Bhutan Milk & Agro Pvt. Ltd., Industrial Estate, Phuentsholing, Bhutan
- Revaluation of Fixed Assets: - Bhutan Observer, Pvt. Ltd., Thimphu, Bhutan
- Revaluation of Fixed Assets: - Construction Development Corporation Ltd. (CKCL), Changangkha, Thimphu, Bhutan
- Revaluation of Fixed Assets: - Druk Ferro Alloys Ltd. (DFAL), Phuentsholing, Bhutan
- Revaluation of Fixed Assets: - Dralha Flour Mill, Industrial Estate, Phuentsholing, Bhutan

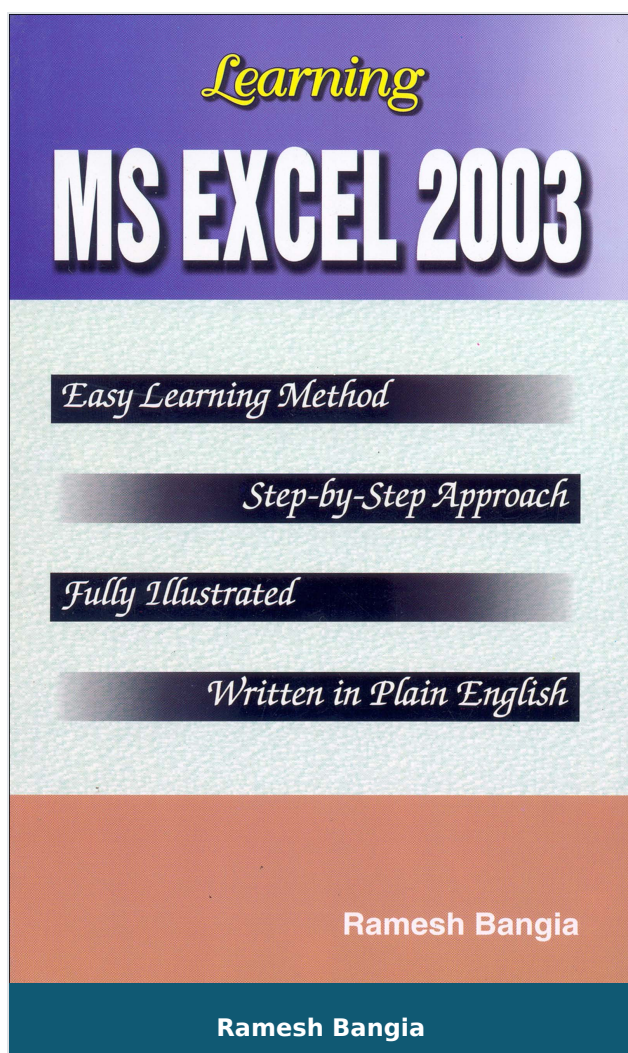
- Revaluation of Fixed Assets: - Dralha Hotel, Lungtemphu, Olakha, Thimphu, Bhutan
- Revaluation of Fixed Assets: - Basochu Hydropower Corporation Limited (BHCL), PO Box 1273, Rurichu, Wangdue, Bhutan
- Revaluation of Fixed Assets: - Kurichu Hydropower Corporation Limited, (KHCL), Gelopozing Mongar, Bhutan
- Revaluation of Fixed Assets: - Chukha Hydropower Corporation Limited, Chukha, Bhutan
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- Revaluation of Property, Plant & Equipment: - Ayelabari Tea Estate, Karimganj Assam, HMP Poddar House, Kolkata

Author

Bidyut Kumar Sarkar

Bidyut Kumar Sarkar , is a former Scientific Officers/Engineering of the Department of Atomic Energy, Govt of India, Mumbai. He is a Chartered Engineer & a Fellow of the Institution of Engineering (India), Institution of Valuers (India), a Member of American Society of Appraisers (USA), A Regd Valuer under section 34 AB of the income tax & Wealth Tax Act 1957, Govt of India. He has been serving last 40 years as a consultant to Govt/Semi Govt/PSU/Corporate clients Spread over India, Bhutan, Nepal, and beyond which enables him to have a large tapestry of In-depth experience of valuation of tangible & intangible assets involving diverse industries viz, large and medium Hydropower plants, steel plants, steel plants, ferro Silicon and Ferro alloys plants, Ferro Silicon Magnesium plants, Mines & mineral industries. Cement, Chemical & Other Continuous Process Industries, Distilleries, Cigarette manufacturing and Readymade textile plants, wood Based Industries, Rigid PVC Pipes & Films manufacturing plants, food & Milk Processing industries, Real Properties, Five-star hotel (le' Meridien, Thimphu), Tea processing plants

& plantation, large automatic particle board and gyp board plants, large residential complexes etc. and boundless creativity by navigating vibrant terrain and cultural nuances of people and places, real and surreal. He did publish a paper on Nuclear Instrumentation & process Control at a National Seminar Organized by BARC, Trombay, Mumbai and a number of books of poems in English.



Learning MS Excel 2003

Author :	Ramesh Bangia
ISBN 13 :	978-81-87325-44-4
ISBN 10 :	8187325445
E-ISBN 13 :	978-81-87325-44-4
Edition :	1
Pages :	248
Type of book :	Physical
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

Learning of a software is both easy and difficult. It depends up to what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realize how difficult it is to master it. Microsoft Office Excel 2003 is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

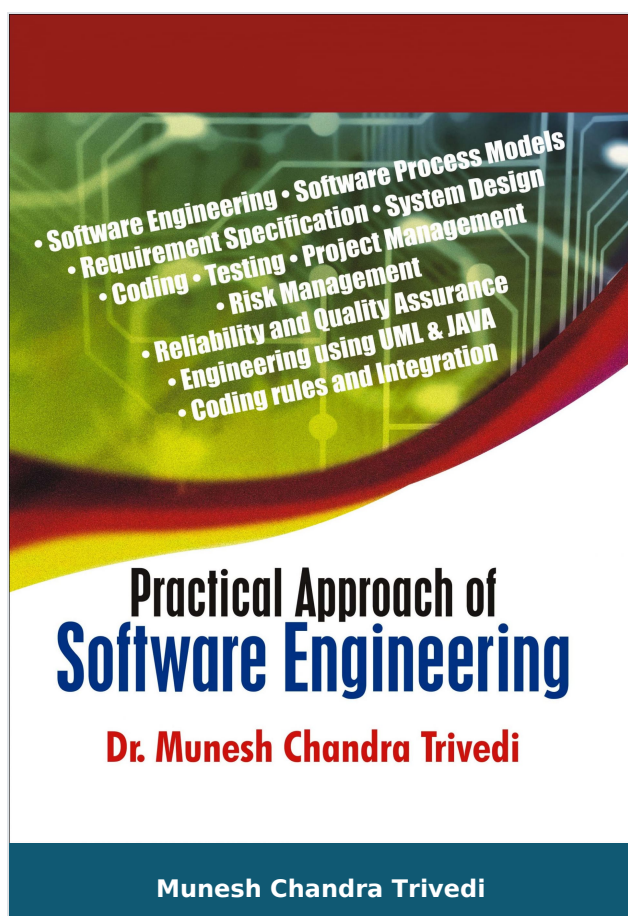
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- Introduction to Microsoft Office 2003
- Spreadsheet Basics
- Creating a Worksheet in Excel 2003
- Advance Techniques of Excel 2003
- Working with Charts in Excel 2003
- Database Techniques in Microsoft Office Excel 2003
- Web and Microsoft Office Excel 2003
- Menu Commands of Microsoft Office Excel 2003
- Functions in Excel 2003
- Keyboard Shortcuts
- Questions

Author

Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle East and African countries.



Practical Approach of Software Engineering

Author : Munesh Chandra Trivedi

ISBN 13 : 978-93-81068-14-4

ISBN 10 : 9381068143

E-ISBN 13 : 978-93-81068-14-4

Edition : 1

Pages : 292

Type of book : Physical

Year : 2014

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 215.00

Categories : [Computer Science Engineering,](#)
[Book Store](#)

Condition Type : New

Country Origin : India

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 practical approach of software Engineering, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and Universities. What are the courses/markets for which your book could serve as a reference. Master of computer application, B. Tech (C.S.), B. Tech(I.T.), Bachelor of computer application, B.Sc./M.Sc./ (C.S.), PGDBM/MBA(I.T.)

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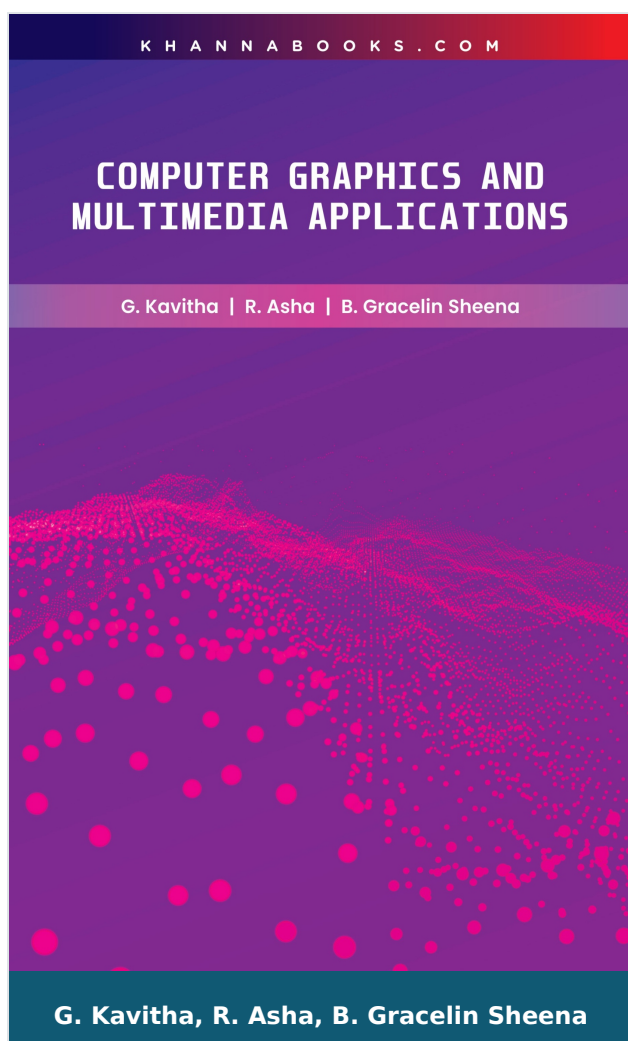
- Introduction to Software Engineering
- Software Process Models
- Software Requirement Specification
- System Design
- Coding
- Testing
- Software Project Management
- Software Risk Management
- Software Reliability and Quality Assurance
- Software Engineering using UML & JAVA
- Programming Standards: Coding rules and Integration
- Annexure
- Lab Manual Software Engineering : Question Bank
- Multiple Choice Questions
- Index
- Question 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 (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.



Computer Graphics And Multimedia Applications

Author : G. Kavitha, R. Asha, B. Gracelin Sheena

ISBN 13 : 978-93-55387-22-6

ISBN 10 : 9355387229

E-ISBN 13 : 978-93-55387-22-6

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M.R.P : Rs 280.00

Categories : [New Arrivals, Book Store,](#)
[Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Computer Graphics And Multimedia Applications

This comprehensive textbook, *Computer Graphics and Multimedia Applications*, serves as an essential guide to the theoretical foundations and practical implementations of modern digital visualization and interactive media. Designed to bridge the gap between abstract computer science concepts and tangible real-world applications, the book offers a deep dive into the architecture of graphics systems, from the evolution of display devices—including Cathode Ray Tubes (CRT), Raster Scan, and contemporary Flat Panel Displays like LCD and Plasma—to the mathematical precision required for rendering.

The core theme revolves around mastering the generation and manipulation of visual data, covering crucial Output Primitives like line and circle drawing, with a meticulous comparison of efficient rasterization techniques such as the DDA and Bresenham's algorithms. Beyond 2D, the text meticulously explores advanced three-dimensional concepts, including various projection methods, detailed illumination and shading models (Lambertian, Phong), and sophisticated techniques for visible surface detection and texture mapping.

Crucially, the book seamlessly integrates these graphics principles with an in-depth exploration of Multimedia Applications, detailing core components, compression standards like JPEG and MPEG, audio/video processing, and animation techniques such as tweening and cel animation. This makes it an invaluable resource for undergraduate and postgraduate students in computer science and engineering, as well as professionals and researchers seeking to build foundational and practical expertise in digital design, interactive systems, and digital media development.

Salient Features

- **Optimized Drawing Algorithms:** Features a comparative analysis of the DDA and Bresenham's algorithms, emphasizing the use of simple integer arithmetic for high-speed, accurate line and circle rasterization.
- **Display Device Technology:** Explores the mechanics and history of graphical output, covering Cathode Ray Tube (CRT) operation, Refresh CRTs, and modern Flat Panel Displays including Plasma and LCD.
- **Core 3D Visualization:** Provides an in-depth look at three-dimensional concepts such as Parallel and Perspective Projection, equipping the reader with knowledge to transform 3D scenes onto a 2D view plane.
- **Advanced Shading Models:** Detailed sections on rendering realism through illumination, covering techniques like Lambertian and Phong shading, and methods for generating realistic shadow effects on surfaces.
- **Multimedia Compression Standards:** Dedicated unit on digital media technology explaining crucial compression techniques like JPEG and MPEG, including their underlying Discrete Cosine Transform (DCT) and motion-compensation logic.
- **Graphics System Architecture:** Comprehensive overview of the components of a typical graphics system, detailing various input devices (e.g., mouse, trackball, digitizer) and hard-copy devices (printers, plotters).
- **Practical Animation Techniques:** Covers the core principles of creating motion, outlining the process of tweening (in-betweening) to generate fluid animation frames, alongside Cel Animation methods.

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- Basics of Computer Graphics
- 2D Transformations and Viewing
- 3D Concepts and Fractal Geometry
- Visible Surface Detection Methods
- Introduction to Multimedia

Author

G. Kavitha

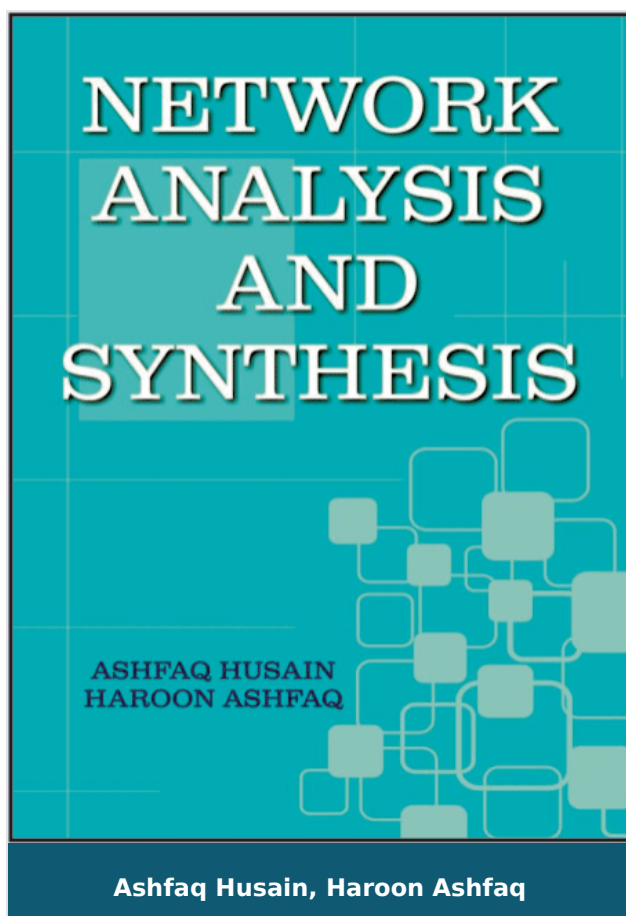
G. Kavitha Associate Professor, Dept of CSE, Sathyabama Institute of Science and Technology

R. Asha

R. Asha Associate Professor, Dept of CSE, Sathyabama Institute of Science and Technology

B. Gracelin Sheena

B. Gracelin Sheena Associate Professor, Dept of CSE, Sathyabama Institute of Science and Technology



Network Analysis and Synthesis

Author :	Ashfaq Husain, Haroon Ashfaq
Edition :	1
Pages :	630
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book is intended to serve as a textbook for undergraduate students of electrical, electronics, computer science, instrumentation, control & communication engineering. Subject matter in each chapter develops systematically from inception basic concepts, principles and techniques clearly explained. Definitions, statement of laws, network theorems dealt with very clearly. Written in a very lucid manner. Large number of carefully selected worked examples in sufficient details step-by-step procedures given for solving problems, Most simplified methods used. Ideally suited for self study.

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- Chapter-1: Network Graph Theory
- Chapter-2: Network Theorems
- Chapter-3: Network Functions
- Chapter-4: Two port Networks
- Chapter-5: Passive Network Synthesis
- Chapter-6: Duality
- Chapter-7: Filters
- Chapter-8: Bode Plot

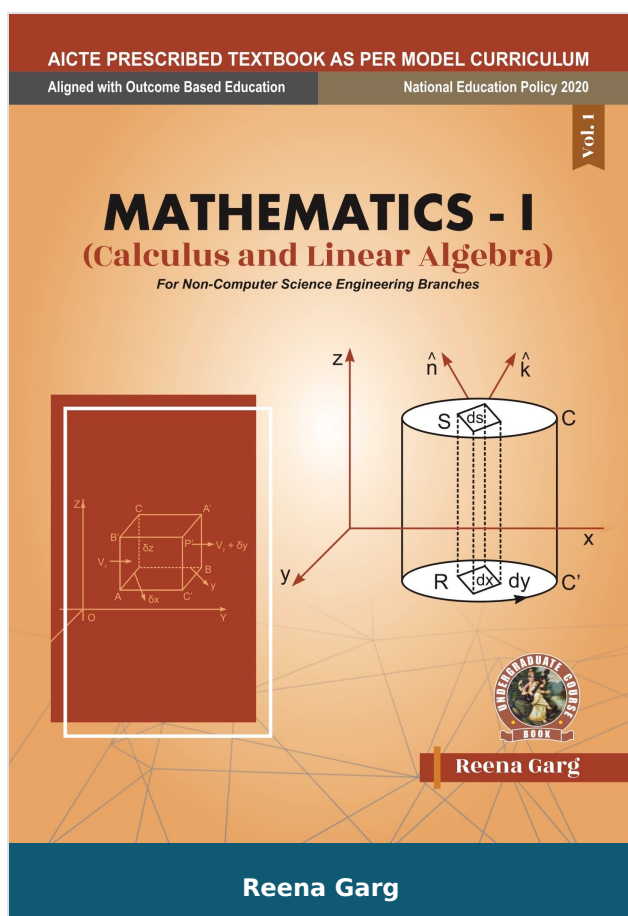
Author

Ashfaq Husain

Mr. Ashfaq Husain, formerly Reader in Electrical Engineering, University Polytechnic, Faculty of Engineering and Technology, Aligarh Muslim University, Aligarh, has teaching experience of more than forty years and is the author of various successful textbooks. "

Haroon Ashfaq

Haroon Ashfaq is Assistant Professor, Department of Electrical Engineering, Jamia Millia Islamia, New Delhi. He is did his B.Tech in Electrical Engineering, M.Tech in Power Systems & Drives and has a doctorate in Electric Drives from Aligarh Muslim University, Aligarh. He has co-authored successful books which includes Network Analysis & Synthesis. He also has several international and national research publications to his credit.



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

Author :	Reena Garg
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4C/4344, Ansari Road, Daryaganj, New Delhi-110002

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Product Description

Calculus, Multivariable Calculus and Linear Algebra covers all the Modules prescribed by AICTE. Model curriculum to all the 1st year students (except CSE) studying in engineering institutions and universities of the country. It serves as both text book and / or useful reference work. It contains 5 units which include calculus, matrices, sequences & series and multivariable calculus along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that helps in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE, this book is in student 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 success the reader understands 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.

7. Video links, interesting facts, uses of ICT also included after each topic in every unit for easy understanding of the readers. Also included the pictorial representations of many topics for fast and permanent grasping of the content.

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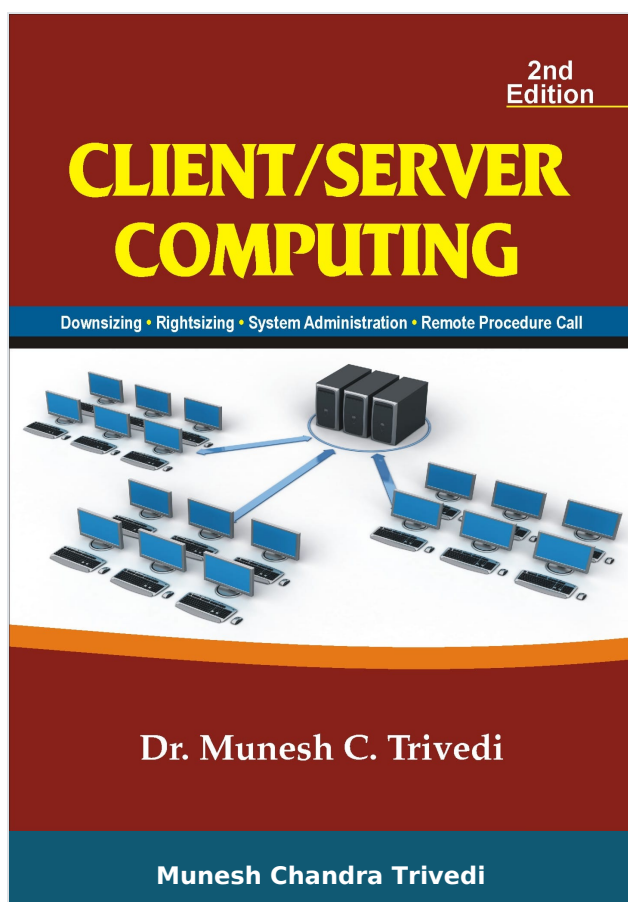
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Author

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Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She

also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this book more valuable for the knowledge seekers. She has published more than 10 research papers in various International Journals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.



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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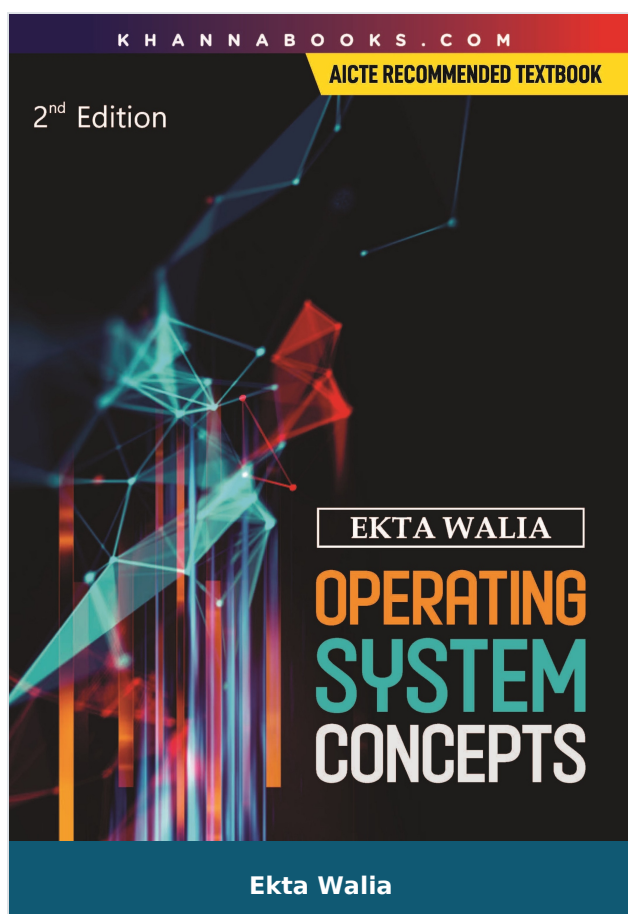
- Client/Server Computing
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- Client/Server System Development
- Client/Server System Development Software
- Network Interfaces
- Client/Server Systems Development
- Client/Server Training Concepts
- Short Questions & Answers
- Multiple Choice Questions & 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

(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.



Operating System Concepts

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Product Description

This is a revised edition of the eight years old popular book on operating System Concepts. In Addition to its previous contents, the book details about operating system foe handheld devices like mobile platforms. It also explains about upcoming operating systems with have interface in various Indian language. In addition to solved exercises of individual chapters, the revised version also presents a question bank of most frequently asked questions and their solutions. Value addition has been done in almost all the 14 chapters of the book.

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