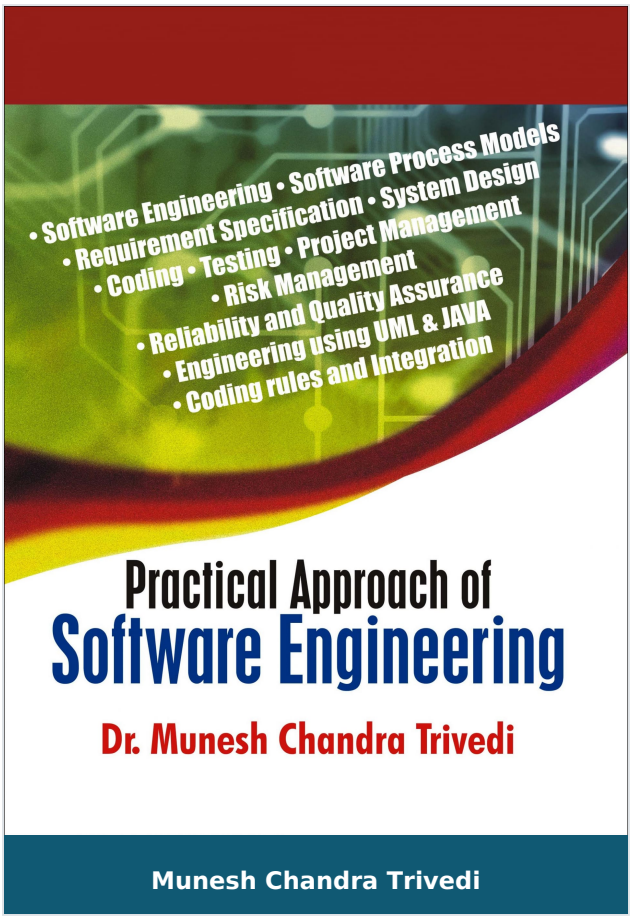


Practical Approach of Software Engineering

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

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

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.)

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

Table Of Contents

- 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),

Khanna Publishing House

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

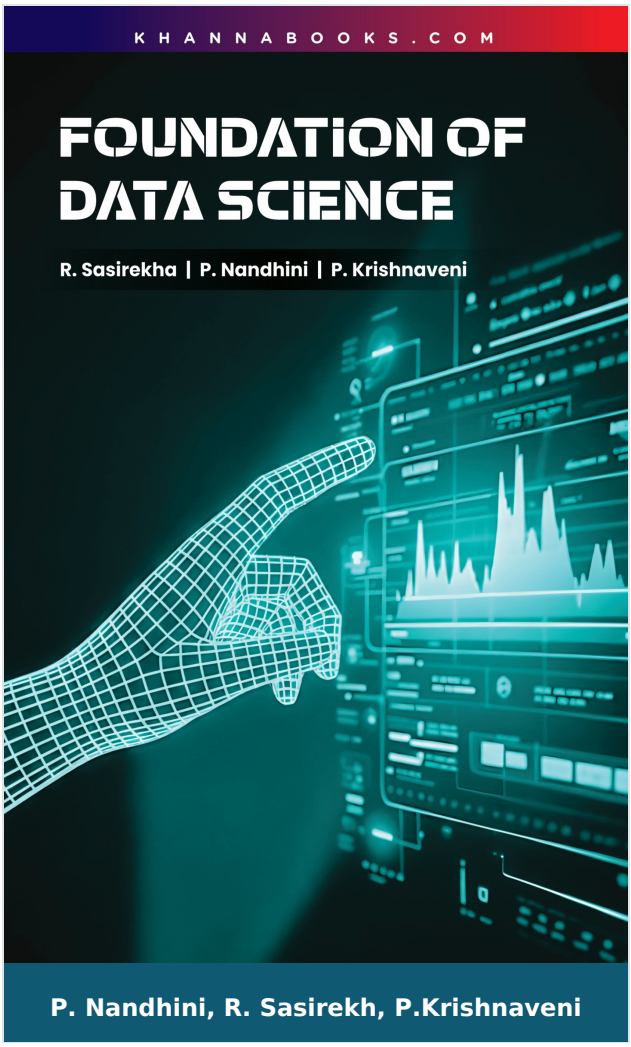
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

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.

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



Foundation of Data Science

Author :	P. Nandhini, R. Sasirekh, P.Krishnaveni
ISBN 13 :	978-93-55385-57-4
ISBN 10 :	9355385579
E-ISBN 13 :	978-93-55385-57-4
Edition :	First
Pages :	168
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 248.00
Categories :	Computer Science Engineering, New Arrivals, Book Store, Sathyabama Series
Condition Type :	New
Country Origin :	India

Product Description

Foundation of Data Science is a comprehensive textbook designed to provide readers with a strong foundation in modern data science concepts, techniques, and applications. In today's data-driven world, the ability to collect, process, clean, analyze, and interpret large volumes of data is essential across industries. This book serves as a structured and practical guide to the complete data analysis pipeline, with a particular emphasis on Natural Language Processing (NLP) and Big Data Analytics.

The text begins with the fundamentals of data acquisition, covering methods for collecting data from multiple sources, including internal databases, external repositories, APIs, and web scraping techniques. It then explores critical data preprocessing activities such as data cleaning, transformation, quality control, handling missing values, and noise reduction, enabling readers to prepare datasets for accurate analysis and modeling.

A significant portion of the book is dedicated to Natural Language Processing, introducing key concepts such as Bag-of-Words, Regular Expressions, Tokenization, Stemming, Lemmatization, TF-IDF, and Sentiment Analysis. Through practical examples and case studies, readers learn how to transform unstructured textual information into meaningful insights for decision-making and business intelligence.

The book further extends into Exploratory Data Analysis (EDA), data visualization techniques, and modern Big Data frameworks such as Hadoop and Spark. Combining theoretical understanding with practical implementation, this resource is suitable for students, researchers, data analysts, and professionals seeking to build expertise in data science and text analytics. By integrating NLP methodologies with contemporary Big Data concepts, the book provides a complete toolkit for extracting value from data and succeeding in a data-centric environment.

Salient Features:

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

- Data Sourcing & APIs: Explains data acquisition techniques from internal and external sources, including web scraping and the use of APIs such as Google Maps and IBM Watson for real-time data collection.
- Data Cleaning & Wrangling: Covers systematic approaches to data preprocessing, transformation, data munging, handling noisy datasets, and resolving inconsistencies to improve data quality.
- Core NLP Toolkit: Introduces essential Natural Language Processing concepts, including Bag-of-Words, Regular Expressions, Tokenization, Sentence Splitting, and pattern matching techniques.
- Linguistic Normalization: Clearly differentiates between stemming and lemmatization, demonstrating how linguistic rules and morphological analysis are applied to derive meaningful root forms of words.
- Feature Engineering: Discusses advanced text representation techniques such as TF-IDF (Term Frequency–Inverse Document Frequency), stop-word removal, and feature extraction methods for enhanced analytical performance.
- Practical Visualization: Provides hands-on guidance on data visualization and Exploratory Data Analysis (EDA), including the use of professional tools such as Tableau for effective data presentation.
- Big Data Ecosystem: Introduces the principles, characteristics, and frameworks of Big Data, including technologies such as Hadoop and Spark for managing and processing large-scale datasets.
- Real-World NLP Case Study: Presents a comprehensive Sentiment Analysis case study demonstrating how NLP techniques can be applied to extract opinions, emotions, and actionable insights from textual data across diverse domains.

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

Table Of Contents

- Introduction to Data Acquisition
- Data Pre-Processing
- Reliable Data: Quality Control And Transformation Methods
- Introduction to NLP
- Introduction to Big Data

Author

P. Nandhini

P. Nandhini P. Krishnaveni

R. Sasirekh

R. Sasirekha P. Nandhini P. Krishnaveni

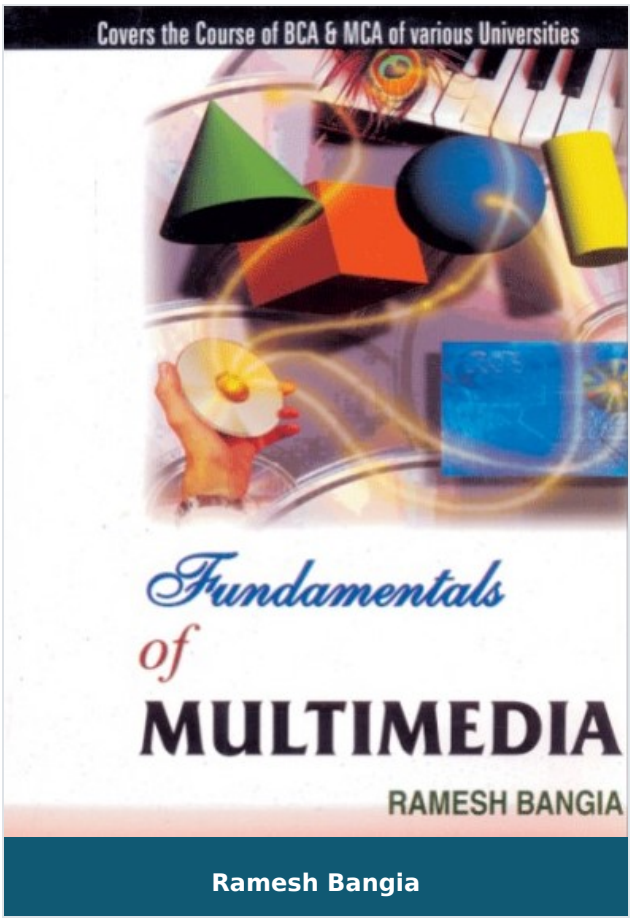
P.Krishnaveni

R. Sasirekha P. Nandhini P. Krishnaveni

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



Ramesh Bangia

Fundamentals of Multimedia

Author :	Ramesh Bangia
ISBN 13 :	978-81-87325-19-2
ISBN 10 :	8187325194
E-ISBN 13 :	978-81-87325-19-2
Edition :	1
Pages :	248
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 245.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
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

The book has been designed to take care of the syllabus of various Universities conducting the courses of BCA and MCA having multimedia as one of the subject. Complete syllabus of Guru Nanak dev University and Rajiv Gandhi Praudyogiki Vishya Vidyalya of M.P. has been wonder this subject is taught in all the technical institutes of India. each chapter is laced with screen shots and equations where ever needed. A revision of the chapter appears at the end followed by different type of questions which the students of the subject would find quite useful.

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

Table Of Contents

- Introduction of Multimedia
- Project Stages of Multimedia
- Working with Text
- Making Sound
- Understanding Videos
- Data Compression
- Image and Audio Compression
- Images and Animations
- Working with Animation
- Multimedia and Web

Author

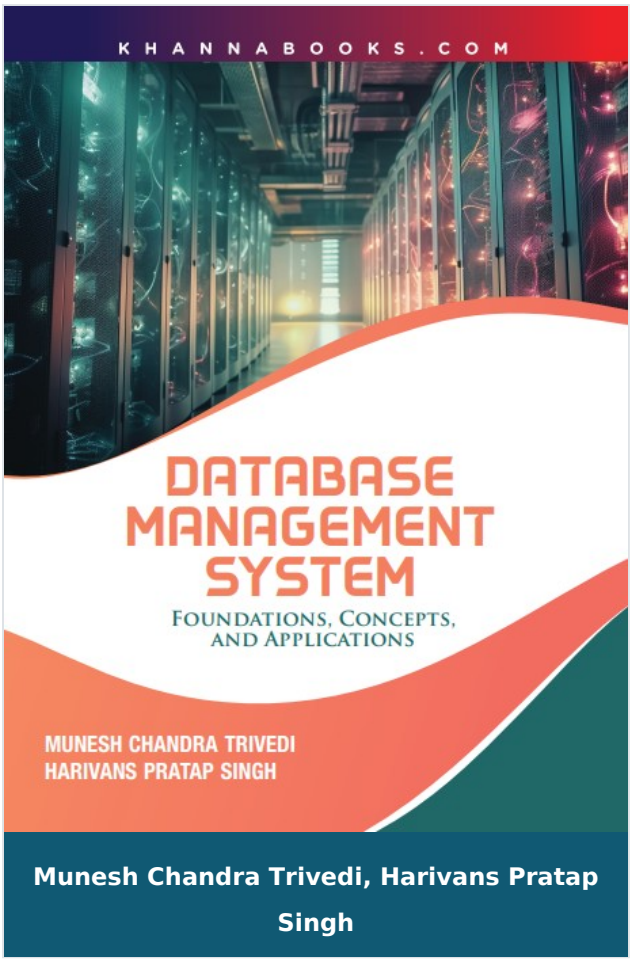
Ramesh Bangia

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 Ease and African countries.

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



Munesh Chandra Trivedi, Harivans Pratap Singh

Database Management System(Foundations, Concepts, And Applications)

Author :	Munesh Chandra Trivedi, Harivans Pratap Singh
ISBN 13 :	978-93-55387-84-4
ISBN 10 :	9355387849
E-ISBN 13 :	978-93-55387-84-4
Edition :	1
Pages :	180
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	Computer Science Engineering, New Arrivals, Book Store
Condition Type :	New
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

My Book of Database Management System” is a complete and structured guide to the principles and applications of DBMS, designed for a wide audience—from undergraduate students to professionals preparing for GATE, IT MNC interviews, and real-world data system design.

This book provides a deep, yet accessible exploration of database theory, architectures, query languages, transaction management, and modern trends in distributed and NoSQL systems. Aligned with the syllabi of leading engineering colleges and global universities, it combines academic precision with industry-relevant insight, making it ideal for both learning and long-term reference.

KEY FEATURES OF THE BOOK

- Comprehensive Coverage
- Conceptual Clarity with Practical Insight
- GATE and Interview Ready
- Hands-On Approach
- Step-By-Step Explanation of Core Topics
- Modern and Emerging Topics Included
- Visually Supported Learning
- Code-Level Understanding
- Academic and Industrial Blend
- Revision-Friendly Format
- Ethical and Secure Data Management

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

Table Of Contents

- INTRODUCTION
- ER MODEL
- INTRODUCTION TO RELATIONAL MODEL
- FUNCTIONAL DEPENDENCY
- NORMALIZATION

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

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

international conferences technically sponsored by IEEE, ACM, AND Springer. Dr.

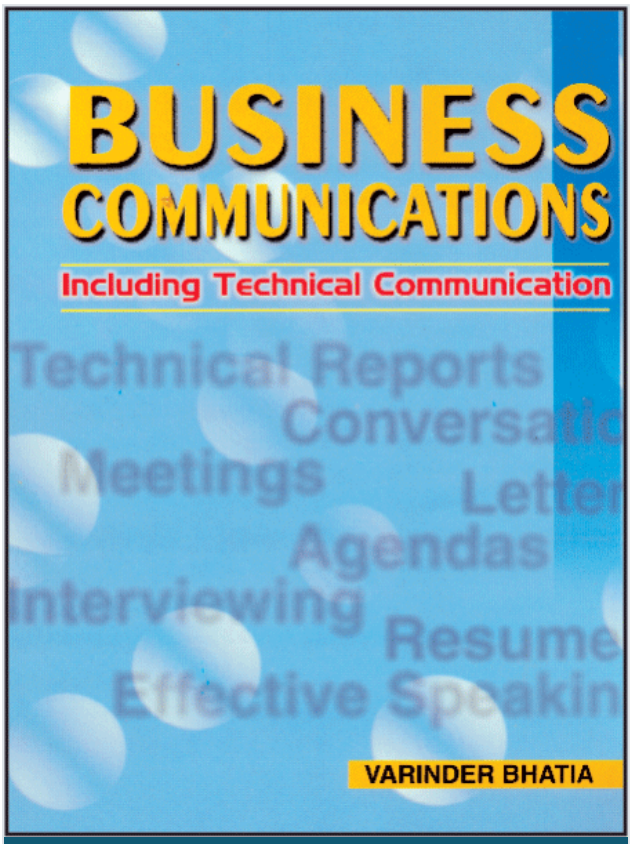
Harivans Pratap Singh

Dr. Harivans Pratap Singh continues to make significant contributions to research, innovation, and enterprise solutions on a global scale.

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



Varinder Bhatia

Business Communications

Author :	Varinder Bhatia
ISBN 13 :	978-81-87522-67-6
ISBN 10 :	8187522674
E-ISBN 13 :	978-81-87522-67-6
Edition :	1
Pages :	316
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
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

This is written in simple and easy to understand language. Covers recent developments in business and technical communications skills. Includes technical report writing covers course contents of BBA, MBA, MBA, BCA, BIT, MIT and other various computer and management courses. Excellent reference for students as well as corporate executives.

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

Table Of Contents

- Introduction
- Business Communication and Technology
- Listening Skills
- Resume Writing
- Memo Writing
- Telephonic Communication Skills
- Intercultural Communication
- Note Taking
- Writing Skills
- Reading Skills
- Punctuation
- Oral Presentation
- Public Speaking
- Dictation Skills
- Meetings and Conferences
- Press Release
- Technical Report Writing
- Business Report Writing
- Summarizing and Paraphrasing
- Business Letter Writing
- Interviews
- Notices Agenda and Minutes
- Index

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

Author

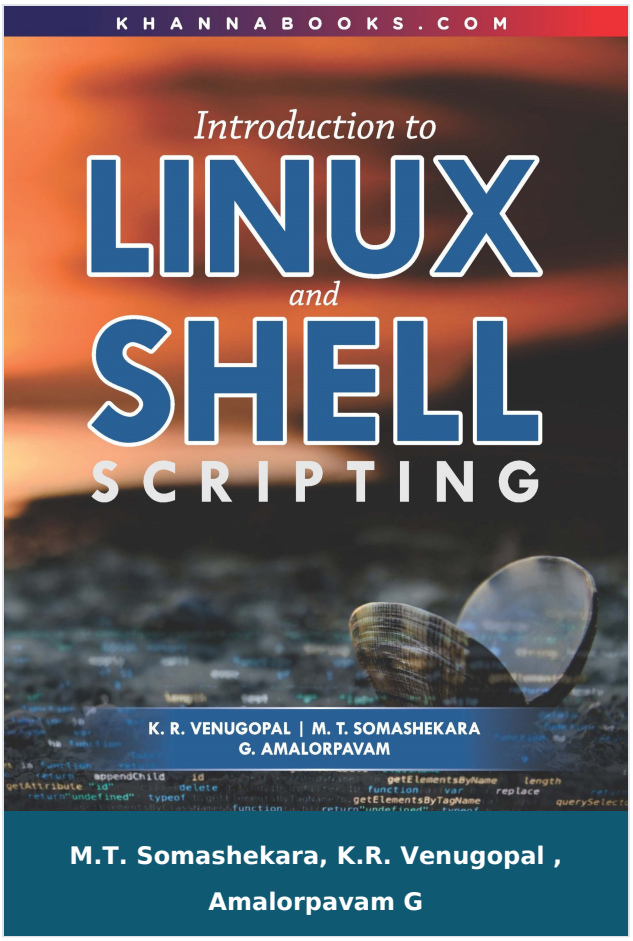
Varinder Bhatia

Dr. Varinder Bhatia born 27-02-1968 is an acknowledged teacher and prolific authod. He obtained his Master of Commerce degree in 1988 from Guru Nanak Dev University, Amritsar. He was conferred a Ph. D. degree in commerce by Dr. B.R. Ambedhkar University, Agra. He is also an Associate member of Indian Management Association, New Delhi and Operational Research Society of India, calcutta. He has authored Business Sattistics, Corporate Accounting (Co-author), Operation Research and cost Accounting. Presently he is working in the Department of Business and Commerce, D.A. V. College, Amritsar.

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



Introduction to Linux and Shell Scripting

Author :	M.T. Somashekara, K.R. Venugopal , Amalorpavam G
ISBN 13 :	978-81-95123-11-7
ISBN 10 :	8195123112
E-ISBN 13 :	978-81-95123-11-7
Edition :	First
Pages :	470
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 595.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
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

Linux is the most popularly used open-source operating system. Linux Operating system is used in servers, clouds, desktops, laptops, and even in mobiles. Since the usage and popularity of Linux operating systems have increased, the demand for quality and comprehensive Linux Books also has increased. There is a demand for Linux books that are easy to understand, offering more practical examples and covering most of the concepts required for the programmer and the learners. Our book caters to these requirements. A lot of practical examples of all the commands and shell scripts are given. Commands and Shell Scripts are executed using the latest version of Ubuntu Linux. Objective-type questions and solutions are provided at the end of each chapter. We are sure that the readers can enjoy the Linux journey and they will surely gain a grip over the Linux operating system, which in turn provides confidence to them to work with Linux systems and also empowers them to face competitive examinations and interviews. We have focused on students as well as Linux programmers. Our book is easy to understand and more user-friendly. Beginners can follow the book comfortably. We have prepared the table of contents by focusing on most of the reputed universities and autonomous colleges. Our book covers the syllabi of most of Indian universities. It will certainly be useful not only for students of Computer Science and Information Technology but for Linux programmers also.

Salient Features:

1. The book is self-readable, comprehensive and highly informative. It covers the concepts of Linux Operating System and Shell Scripting quite exhaustively.

2. It covers syllabi of B.E., BCA, MCA, BSc of most of the Indian universities. It will certainly be useful not only for students of Computer Science and Information Technology but for the Linux Developers as well.

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

3. It certainly gives the necessary skills to the learners to develop any type of application.

The learns can get the necessary skills to work on Linux Servers.

4. Linux commands are explained systematically. Practical examples are given for each and every command. The commands are executed using the latest version of Ubuntu one of the popular Linux Distro.

5. Detailed information is given about how to use text editors such as vi editor and others.

6. It provides comprehensive coverage of the concepts such as Filters, Awk programming, and Linux Stream Editor.

7. Summary, review questions and MCQs are given abundantly at the end of each chapter to recapitulate the concepts quickly and reinforce learning.

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

Table Of Contents

- Introduction to Operating Systems and Linux
- Basic Commands in Linux
- Linux File System
- Working with File and Directories
- Linux Text Files
- Managing Files
- Linux Filters
- The Awk Programming an Advanced Filter
- Security
- Linux Shell Programming
- Control Structures in shell Scripts
- Process Management
- Managing Process Execution
- Communication Facility in Linux
- Linux System Administration
- Disk Management in Linux
- Administering Printers
- Solutions to MCQs and True/False Questions
- Bibliography

Author

M.T. Somashekara

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

M.T. Somashekara is with the Department of Computer Science and Applications, Bangalore University, Bengaluru. He has over two decades of teaching experience at both UG and PG levels. He has authored three other books ‘Problem Solving with C’, ‘Object-Oriented Programming with C++’’ and ‘Object-Oriented Programming with JAVA’ published by PHI Learning Private Limited, New Delhi and all of these have seen multiple editions. They have been adopted as textbooks/reference books for UG and PG courses of more than a hundred universities and autonomous colleges in the country. He has also authored a unique motivational and directional book on authoring academic books entitled ‘The Journey – From Being a Reader to Becoming an Author’ brought out by Khanna Publishing House and it is useful for those aspiring to become academic authors as it not only motivates but guides also as to how to go about academic authoring. He has several research papers to his credit in national and international journals. He is a life member of ISTE CSI, ISCA, and IUPRAI. His areas of academic interest include Data Structures, Algorithms, Programming Languages, Operating Systems, and Databases. His areas of research include Image Processing and Pattern Recognition.

K.R. Venugopal

M.T. Somashekara M.T. Somashekara is with the Department of Computer Science and Applications, Bangalore University, Bengaluru. He has over two decades of teaching experience at both UG and PG levels. He has authored three other books ‘Problem Solving with C’, ‘Object-Oriented Programming with C++’’ and ‘Object-Oriented Programming with JAVA’ published by PHI Learning Private Limited, New Delhi and all of these have seen multiple editions. They have been adopted as textbooks/reference books for UG and PG courses of more than a hundred universities and autonomous colleges in the country. He has also authored a unique motivational and directional book on authoring academic books entitled ‘The Journey – From Being a Reader to Becoming an Author’ brought out by Khanna Publishing House and it is useful for those aspiring to become academic authors as it not only motivates but guides also as to how to go about academic authoring. He

has several research papers to his credit in national and international journals. He is a life member of ISTE CSI, ISCA, and IUPRAI. His areas of academic interest include Data Structures, Algorithms, Programming Languages, Operating Systems, and Databases. His areas of research include Image Processing and Pattern Recognition. K.R. Venugopal K.R. Venugopal is the Vice-Chancellor of Bangalore University. He has an illustrious, distinguished, and brilliant academic career with Eleven degrees including two Ph.Ds, one in Economics from Bangalore University and another Ph.D. in Computer Science and Engineering from IIT Madras. He has served UVCE and Bangalore University for over the last four decades. He received his ME degree in Computer Science Engineering from the Indian Institute of Science, Bangalore, Bachelor of Engineering in Electronics and Communications from UVCE and has also obtained degrees in Law, Journalism, Public Relations, Business Finance, Economics, Industrial Relations, and Communications. He was a Post Doctoral Research Scholar and Visiting Professor at the University of Southern California, USA. He has authored and edited 72 books in Economics and Computer Science published more than 1000 papers in refereed International Conferences and Journals and has been credited with 24 patents. He has established two Engineering colleges and two schools in Bangalore. He has awarded Ph.Ds to 30 students and informally guided more than 150 Research Scholars and supervised more than 700 Post Graduate dissertations in Computer Science and Engineering. He received IEEE Fellow and ACM Distinguished Educator award from the USA for his outstanding contributions to Computer Science and Engineering. Amalorpavam G Amalorpavam G. is with the Department of Computer Science, Sambhram Academy of Management Studies, affiliated to Bangalore University, Bengaluru. She did her MCA from Baharathidasan University and M.Phil from Alagappa University, Tamilnadu. She has 19 years of teaching experience. She has many research papers to her credit in national and international journals. Her areas of academic interest include Software Engineering, Programming Languages, Operating Systems, Relational Database Management Systems, Object-Oriented Analysis and Design and Artificial Intelligence. Her areas of research include Image Processing and

Pattern Recognition.

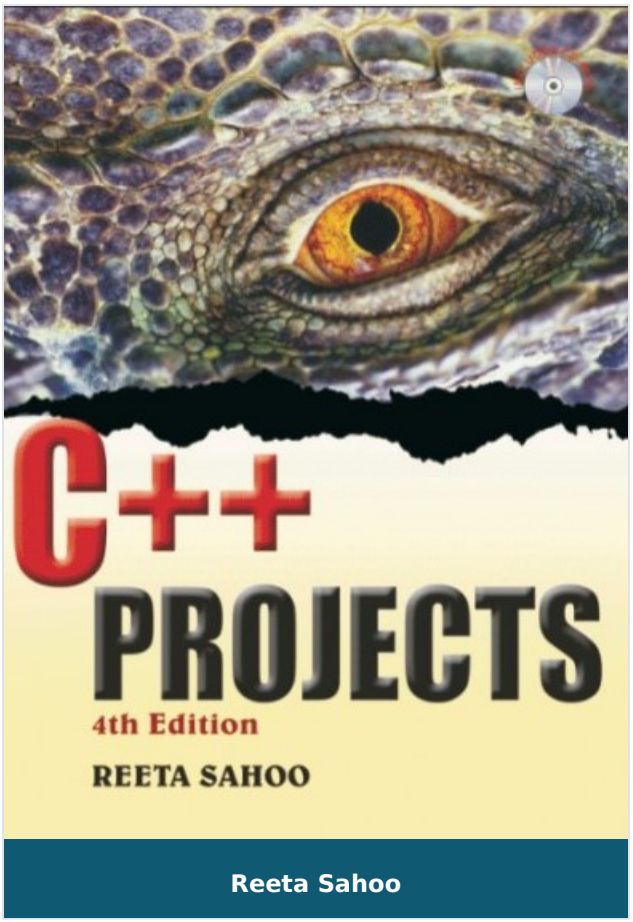
Amalorpavam G

Amalorpavam G. is with the Department of Computer Science, Sambhram Academy of Management Studies, affiliated to Bangalore University, Bengaluru. She did her MCA from Baharathidasan University and M.Phil from Alagappa University, Tamilnadu. She has 19 years of teaching experience. She has many research papers to her credit in national and international journals. Her areas of academic interest include Software Engineering, Programming Languages, Operating Systems, Relational Database Management Systems, Object-Oriented Analysis and Design and Artificial Intelligence. Her areas of research include Image Processing and Pattern Recognition.

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



Reeta Sahoo

C++ Projects

Author :	Reeta Sahoo
ISBN 13 :	978-81-90645-18-8
ISBN 10 :	8190645188
E-ISBN 13 :	978-81-90645-18-8
Edition :	4
Pages :	628
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 380.00
Categories :	Computer Science Engineering, Project Books, Book Store
Condition Type :	New
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

There are 14 different project are given in the CD. All project are graded in different manner including different C++ functions and graphic commands. Those who have basic understanding about C++ can make easy use of this project book. While for graphics, you have to execute the program file from your graphics driver file (i.e., c:\TC or C\TURBO or and C++ installation directory). This will-organized and comprehensive project book offers a variety of C++ coding for high-end programmers, beginners and developers.

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

Table Of Contents

- Computerized Billing System
- Video Library Managements System
- Banking Transaction System
- Library Management System
- Hotel Management System
- Payroll Management System
- Screen Saver
- Clock-cum-Calendar
- Charts and Graphs
- Paint Brush
- DOS Utility
- Ludo-cum-Snakes and Ladder
- Bricks Game
- Chess Master.

Author

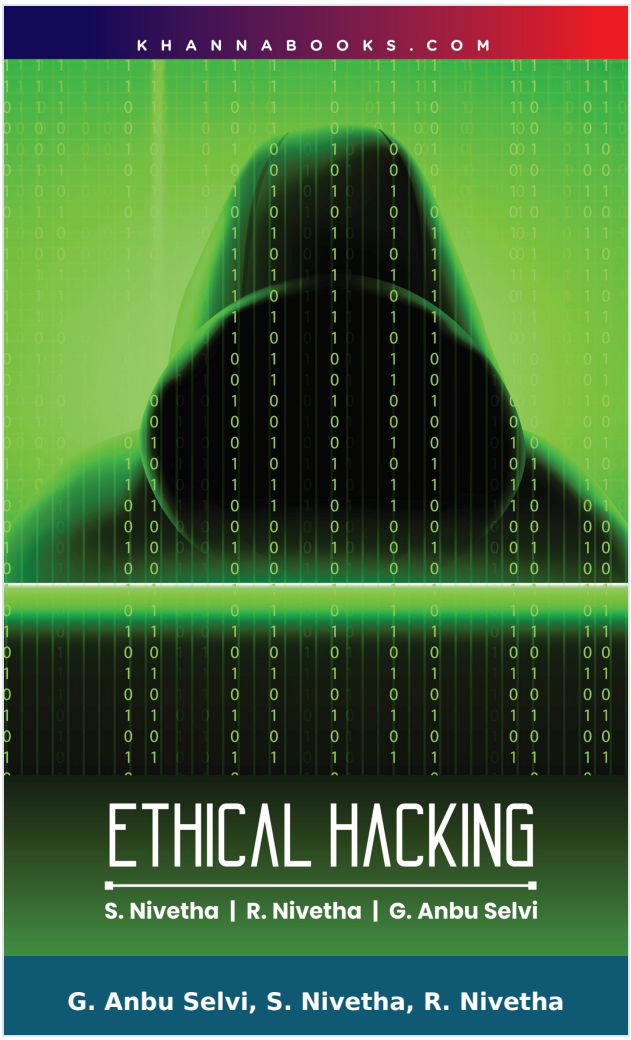
Reeta Sahoo

Reeta Sahoo is an author of various books including, C++, VB, Java. Since last 10 years, she has lots of experience in different computer project works. She has written number of schoolbooks including C++, Visual Basic, Java, etc. This book helps lots to the beginner's who want to develpo programming skill in C++ language.

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



Ethical Hacking

Author :	G. Anbu Selvi, S. Nivetha, R. Nivetha
ISBN 13 :	978-93-55387-61-5
ISBN 10 :	935538761X
E-ISBN 13 :	978-93-55387-61-5
Edition :	First
Pages :	116
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 248.00
Categories :	Computer Science Engineering, New Arrivals, Book Store, Sathyabama Series
Condition Type :	New
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

In the rapidly evolving digital landscape, where cyber threats are increasing in complexity and frequency, Ethical Hacking stands as an indispensable guide for mastering proactive cybersecurity defense. This book is meticulously designed to introduce readers to the fundamental concepts and practical methodologies of Ethical Hacking and Penetration Testing. It is structured to align with a dedicated cybersecurity curriculum, making it an ideal resource for students in Computer Science and related fields, as well as cybersecurity enthusiasts and IT professionals aiming to enhance their skills.

The core theme of the text is to transform the reader into an authorized "White Hat" hacker, equipping them with the technical expertise and ethical mindset required to fortify digital infrastructures. It achieves this by delving into crucial, real-world topics such as the phases of ethical hacking, detailed penetration testing methodologies, information gathering, enumeration, vulnerability scanning, and network sniffing. Beyond theoretical knowledge, the book emphasizes hands-on experience, featuring practical exercises and case studies that allow readers to apply knowledge in live cybersecurity scenarios.

By exploring various tools and techniques, readers learn to think like security analysts, adopt a proactive approach to cyber threats, and serve as the critical first line of defense in protecting systems and data integrity. This comprehensive guide provides the strong foundation necessary for anyone aspiring to a career as an ethical hacker, penetration tester, or cybersecurity analyst.

Salient Features:

• Structured Pen Testing: Covers the end-to-end methodology, including planning, reconnaissance, discovery, active intrusion, and final analysis for comprehensive security audits.

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

• Essential Tool Mastery: Provides practical guidance on using critical industry tools such as Nmap, Nessus Vulnerability Scanner, Wireshark, and Acunetix for hands-on experience.

• Assessment and Mitigation: Details the process of vulnerability assessment and risk assessment, including scoping, scanning, reporting (using CVSS scores), and prioritizing crucial fixes.

• Intelligence and Reconnaissance: Explores both active and passive information gathering (Footprinting) to collect data without direct interaction, forming the blueprint of a target network infrastructure.

• Network Defense Deep Dive: Dedicated coverage of network attacks, including ARP Spoofing, Denial of Service (DoS), DNS/DHCP Spoofing, and how to defend against these crucial vectors.

• Ethical Hacking Mindset: Clearly distinguishes White Hat from Black Hat activities, emphasizing the legal and ethical standards required for authorized penetration testing.

• Practical Case Studies: Includes case studies and practical exercises throughout the units to reinforce learning and ensure readers can apply their technical knowledge in real-life scenarios.

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

Table Of Contents

- Introduction to Ethical Hacking
- Information Gathering
- Enumeration and Port Scanning
- Vulnerability Scanning
- Network Sniffing
- Summary
- Video Resources Link (You tube Videos)

Author

G. Anbu Selvi

G. Anbu Selvi Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology R.Nivedha Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

S. Nivetha

S. Nivetha

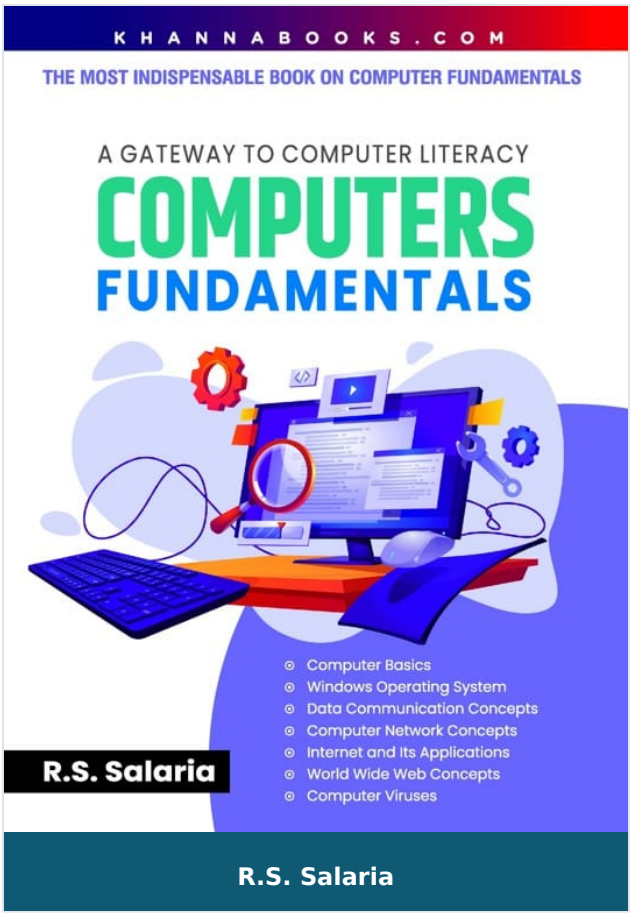
R. Nivetha

R. Nivetha

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



Computers Fundamentals

Author :	R.S. Salaria
ISBN 13 :	978-93-81068-53-3
ISBN 10 :	9381068534
E-ISBN 13 :	978-93-81068-53-3
Edition :	1
Pages :	486
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
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

Simple and easy language, encourages self study, Enables to use computer independently, provides working knowledge of Window XP operating system, Introduces data communication and network concepts, Provides working knowledge of Internet and World Wide Web, Introduces computer viruses.

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

Table Of Contents

- Introduction to Computers
- Computer as a System
- Input/Output Devices
- Memories & Storage Devices
- Number Systems & Binary Codes
- Computer Arthmetic
- Boolen Algebra & Logic Circuits
- Computer Software
- Program Planning & Design
- Programming Languages
- Operating Systems
- Data Communications
- Computer Networks
- Internet
- World Wide Web (WWW)
- Computer Viruses

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

Khanna Publishing House

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

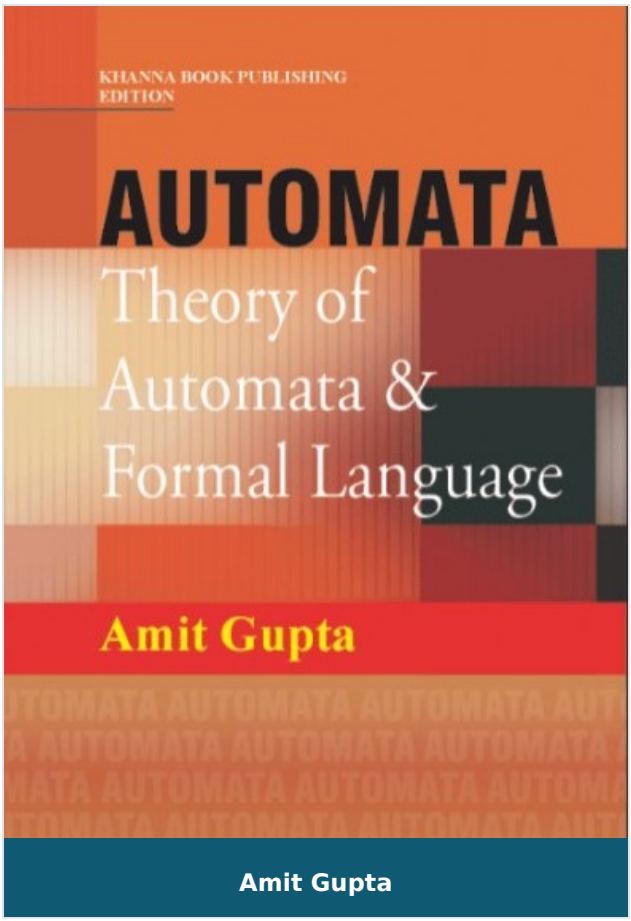
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

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

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



Amit Gupta

Theory of Automata and Formal Languages

Author :	Amit Gupta
ISBN 13 :	978-93-80016-08-5
ISBN 10 :	9380016085
E-ISBN 13 :	978-93-80016-08-5
Edition :	1
Pages :	456
Type of book :	Physical
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
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

Easy-to-read & write style. A step-by-step solution of DEA & NFA approach that is used in almost all DFA & NFA approach that is used in almost all DFA & NFA examples in chapter 03 (Finite State Machine). Every chapter is supported with multiple choice questions, theoretical questions and numerical for better practice. Due care in taken to balance the mix of notations and words in mathematical statements. The book is presented with an approach to explain the concepts in lucid style and comprehensible language. A large number of attractive and accurate figure and graphs have been drawn which enable students to grasp the subject in an easy way. Systematic and sequential arrangement of different topics. Rich pedagogy..

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

Table Of Contents

- Mathematical Preliminaries
- Formal Languages
- Finite State Machine
- Regular Expressions and Regular Grammar
- Context-free Grammar
- Pushdown Automata
- Turing Machine
- Decidability and Indecisivensess (Undecidability)
- Theory of Recursive Function and Intractability
- Propositions and Predicates

Author

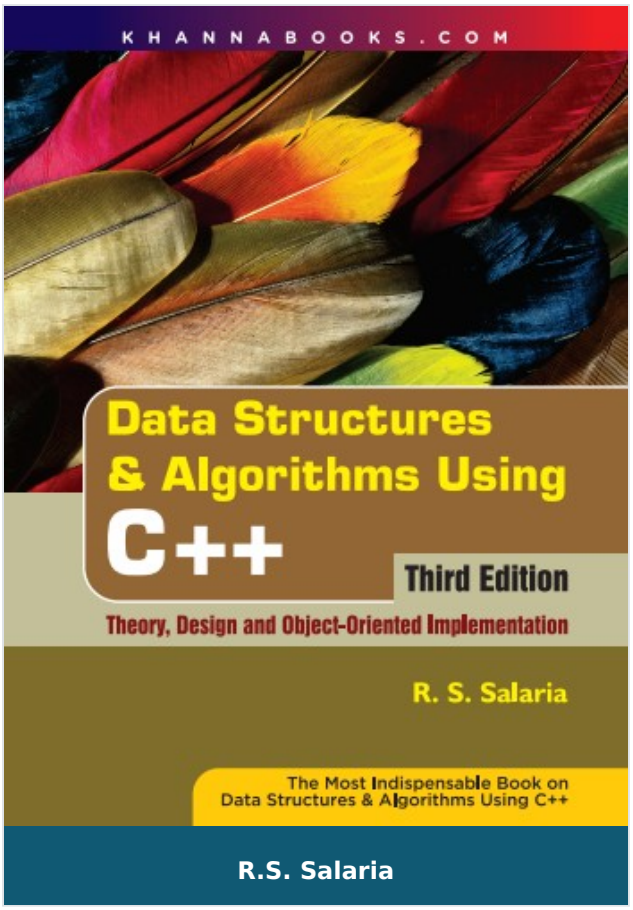
Amit Gupta

Amit Gupta: Asst. professor, Determent of CS & IT, Rakshpal Bahadur Management Institute, Bareilly.

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



Data Structures & Algorithms Using C++

Author :	R.S. Salaria
ISBN 13 :	978-93-81068-59-5
ISBN 10 :	9381068593
E-ISBN 13 :	978-93-81068-59-5
Edition :	3
Pages :	616
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 575.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
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

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.

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

Table Of Contents

- Review of Object-Oriented Programming Concepts
- Essentials of C++ Language
- Overview of Data Structures
- Program Design & Development
- Arrays & Matrices
- Linked Lists
- Stacks
- Queues
- Trees
- Heaps
- Graphs
- Hash Tables & Hashing
- Sorting, Searching and Merging
- 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

Khanna Publishing House

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

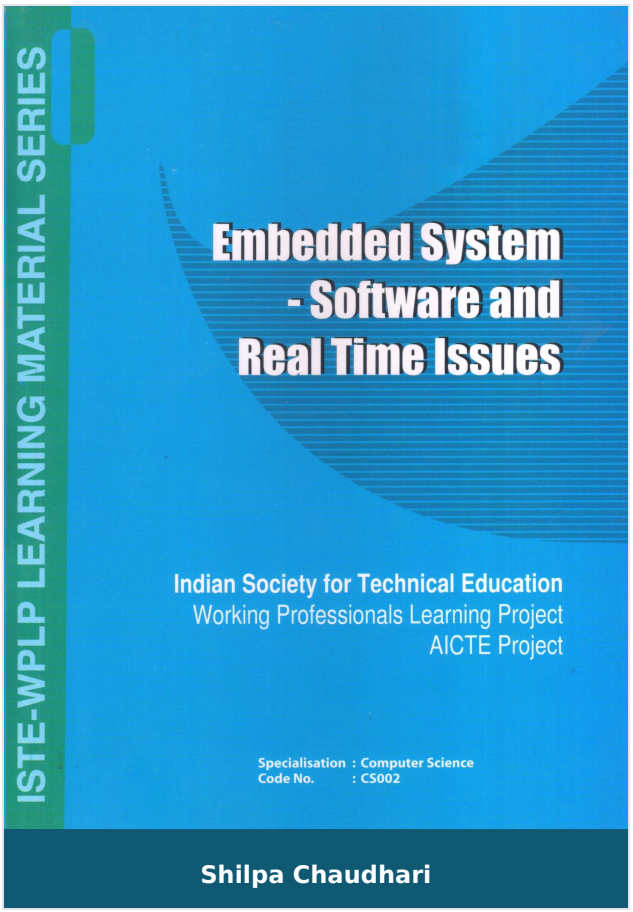
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

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

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



Embedded System- Software and Real Time Issues

Author :	Shilpa Chaudhari
ISBN 13 :	978-93-55384-81-2
ISBN 10 :	9355384815
E-ISBN 13 :	978-93-55384-81-2
Edition :	1
Pages :	458
Type of book :	Physical
Year :	2009
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 649.00
Categories :	Computer Science Engineering, Book Store, ISTE Series
Condition Type :	New
Country Origin :	India

Product Description

This learning material is prepared to train fresh graduates and working professionals, to take up the challenges of embedded system design with special emphasis on embedded software design. Embedded system design is about designing a dedicated system, providing solution to a specific problem by implementing a specific application. Embedded system design uses all existing technologies to provide such application-oriented solution. The design begins with understanding the requirements of specifications are further implemented , using suitable technologies. The learning materials is organized to give overall view of embedded system design with special emphasis on software design.

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

Table Of Contents

- Foreword
- Preface
- Introduction to Embedded System Design
- Embedded Software Design
- Operating Systems
- Real-time Operating Systems-I
- Real-time Operating System-II
- Task Management in MicroC-OS
- Synchronization
- Mailbox, Message Queue and Memory Partitioning
- Distributed (Networked) Embedded Systems
- Network Programming
- Software Modeling
- References
- Bibliography

Author

Shilpa Chaudhari

Shilpa Chaudhari

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