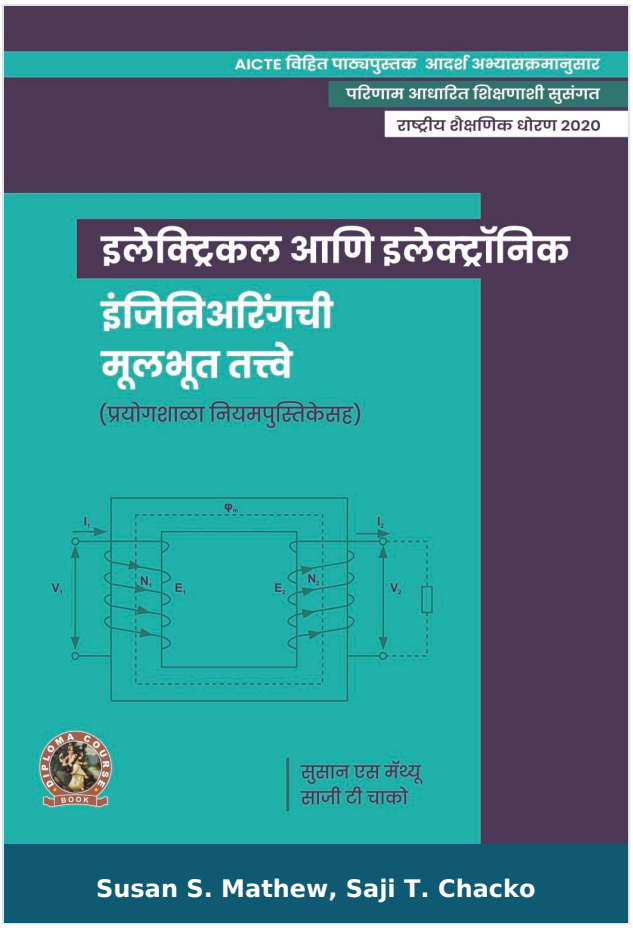


Fundamentals of Electrical and Electronics Engineering (with Lab Manual)

Author :	Susan S. Mathew, Saji T. Chacko
ISBN 13 :	978-93-55380-44-9
ISBN 10 :	9355380445
E-ISBN 13 :	978-93-55380-44-9
Edition :	First
Pages :	252
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
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

“Fundamentals of Electrical & Electronics Engineering” is a compulsory paper for the first year Diploma course in Engineering & Technology Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education.

Books covers six topics- Overview of Electronics Components and Signals. Overview of Analog Circuits. Overview of Digital Electronics, Electric and magnetic Circuits, A.C. Circuits and Transformer and Machines. Each topic is written is easy and lucid manner. A set of exercises at the end of each units to test the student’s comprehension is provided.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.

2. The practical applications of the topics are discussed along with micro projects and activities for generating further curiosity as well as improving problem solving capacity.

3. Book provides lots of vital facts, concepts, principles and other interesting information.

4. QR Codes of video resources and websites to enhance use of ICT for relevant supportive knowledge have been provided.

5. Student and teacher centric course materials included in book in balanced manner.

6. Figures, tables, equations and comparative charts are inserted to improve clarity of the topics.

7. Objective questions and subjective questions are given for practices of students at the end of each unit.

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

8. Solved and unsolved problems including numerical examples are solved with systematic steps.

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,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students,
- Overview of Electronic Components and Signals.
- Overview of Analog Circuits.
- Overview of Digital Electronics.
- Electric and Magnetic Circuits.
- AC Circuits.
- Transformer and Machines.
- Appendices
- Answer to Objective Questions
- Reference for Further Learning
- Co and PO Attainment Table
- Index

Author

Susan S. Mathew

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

Susan S. Mathew

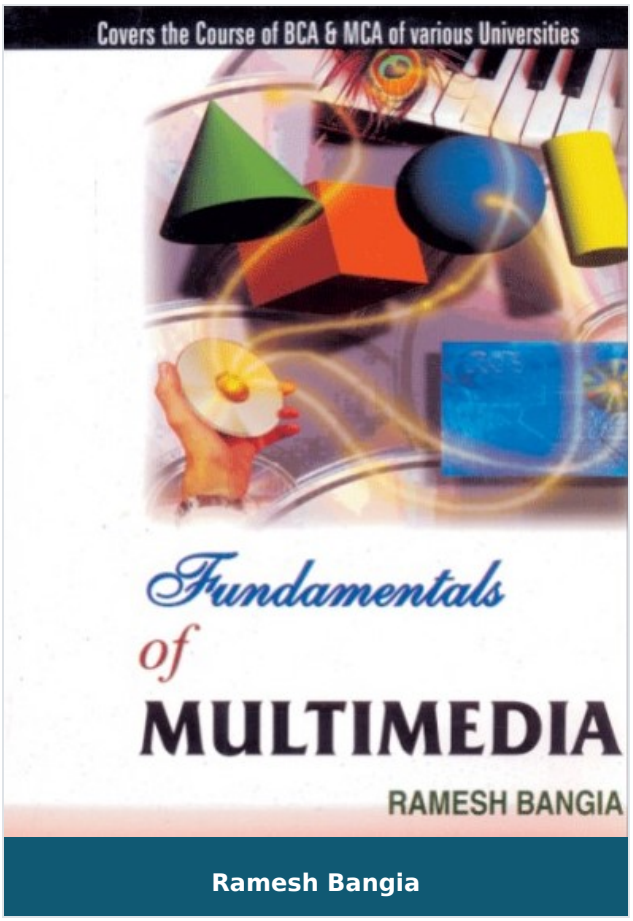
Saji T. Chacko

Saji T. Chacko </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



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

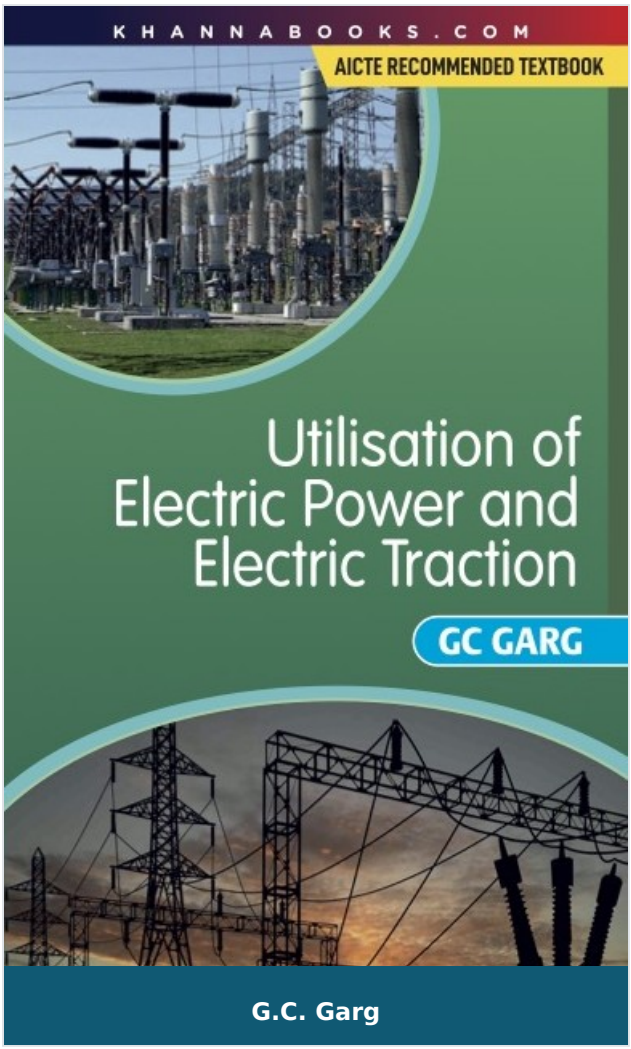
Ramesh Bangia

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



Utilisation of Electric Power and Electric Traction

Author :	G.C. Garg
ISBN 13 :	978-93-86173-35-5
ISBN 10 :	9386173352
E-ISBN 13 :	978-93-86173-35-5
Edition :	First
Pages :	1280
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 625.00
Categories :	Electrical, Electronics & Communication 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

A Text Book of Utilization of Electric Power and Electric Traction which is prepared on the basis of Engineering scientific study covering the syllabi of all the universities running electrical engineering courses, Engineering colleges and Technical Education Boards of all the states in India. This book is also meets the requirement of Foreign Universities where this subject is taught.

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

- Industrial Utilization
- Control of Industrial Motors
- Electric Heating
- Electric Welding
- Illumination
- Electrolytic Process
- Refrigeration and Air Coditioning
- Electric Traction
- Economic Aspects
- Objective Type Questions of Industrial Utilisation

Author

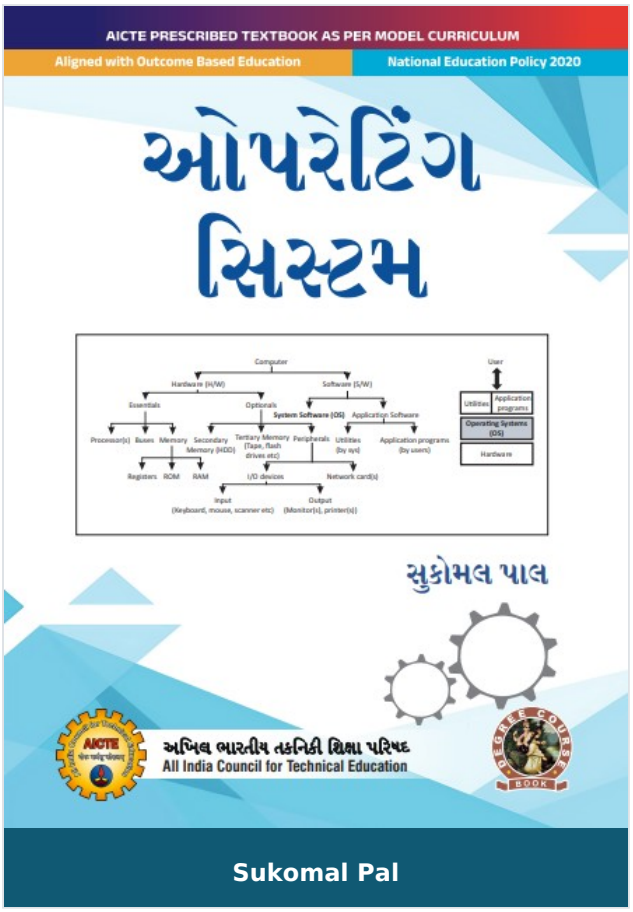
G.C. Garg

Prof. G.C. Garg retired as registrar from the Technical Education Department Haryana, Chandigarh. Before that he was Head of Deptt. In Electrical Engineering at Govt. Institution of Engineering Ambala City, Haryana. After Graduation in Electrical Engineering he has gone 2½ years regular advance course in Electrical Engineering with specialization of Electrical Machines in T.T.T.I. Chandigarh in collaboration with Netherlands Govt. under the guidance of Prof. B. Mone who was authority in Electrical Machines and Electrical Power. He has also undergone one and a half year Industrial/Power Projects/Field and Transmission & Distribution Power Stations. He is fellow of the Institution of Engineers (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



Operating Systems

Author :	Sukomal Pal
ISBN 13 :	978-93-55387-85-1
ISBN 10 :	9355387857
E-ISBN 13 :	978-93-55387-85-1
Edition :	First
Pages :	452
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 698.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Operating Systems

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

Sukomal Pal

Dr. Sukomal Pal Associate Professor, Department of Computer Science & Engineering IIT (BHU), Varanasi, UP

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



Applied Physics-II (with Lab Manual)

Author :	Hussain Jeevakhan
ISBN 13 :	978-93-55381-70-5
ISBN 10 :	9355381700
E-ISBN 13 :	978-93-55381-70-5
Edition :	1
Pages :	296
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Book Store, Ebooks, Malayalam Books
Condition Type :	New
Country Origin :	India

Product Description

“Applied Physics-II” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE).

Book covers seven topics- Wave motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning.

Some salient features of the book:

1. Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes.

2. Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit.

3. Content presented in book in chronological way.

4. Figures, tables and equations are given to improve clarity of the topics.

5. Solved examples are given with systematic steps.

6. MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and Symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Wave Motion and its applications.
- Optics.
- Electrostatics.
- Current Electricity.
- Electromagnetism.
- Semiconductor physics.
- Modern physics.
- Index

Author

Hussain Jeevakhan

Hussain Jeevakhan-789391505578(DIP126EN) “Applied Physics-ll” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE). Book covers seven topics- Wave

Khanna Publishing House

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

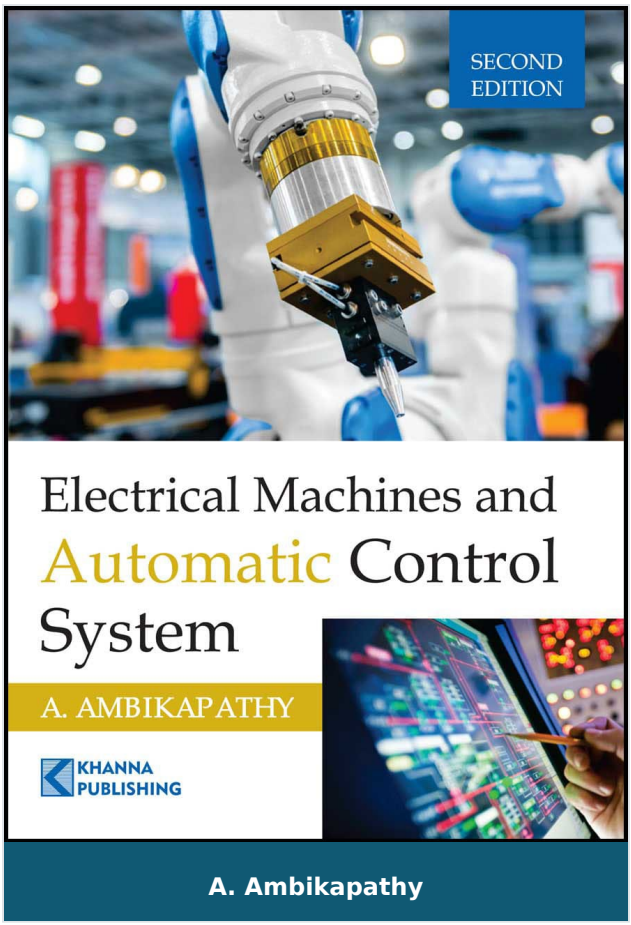
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning. Some salient features of the book: l Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes. l Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit. l Content presented in book in chronological way. l Figures, tables and equations are given to improve clarity of the topics. l Solved examples are given with systematic steps. l MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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



Electrical Machines & Automatic Control System

Author :	A. Ambikapathy
ISBN 13 :	978-93-82609-79-7
ISBN 10 :	9382609792
E-ISBN 13 :	978-93-82609-79-7
Edition :	2
Pages :	566
Type of book :	Physical
Year :	2021
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	Electrical, Electronics & Communication 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

A textbook on "Electrical machines and Automatic control System" has been written for the undergraduate students of mechanical department. The material of this book is very useful to the students for understating the concepts as well as from examination point of view. A number of examples are solved in detailed manner in every unit so that the students can practice more on numerical part. Every unit contains exercise problems with answers which help the students to prepare for their exams. The content of this book is explained in a simple language so that understating will be much easy. I will be thankful to the students and teachers who pinpoint the errors and suggestions for the improvement of the book.

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

- Single Phase Transformer
- Three Phase Induction Motor
- Control System
- Time Response Analysis
- Root Locus Technique

Author

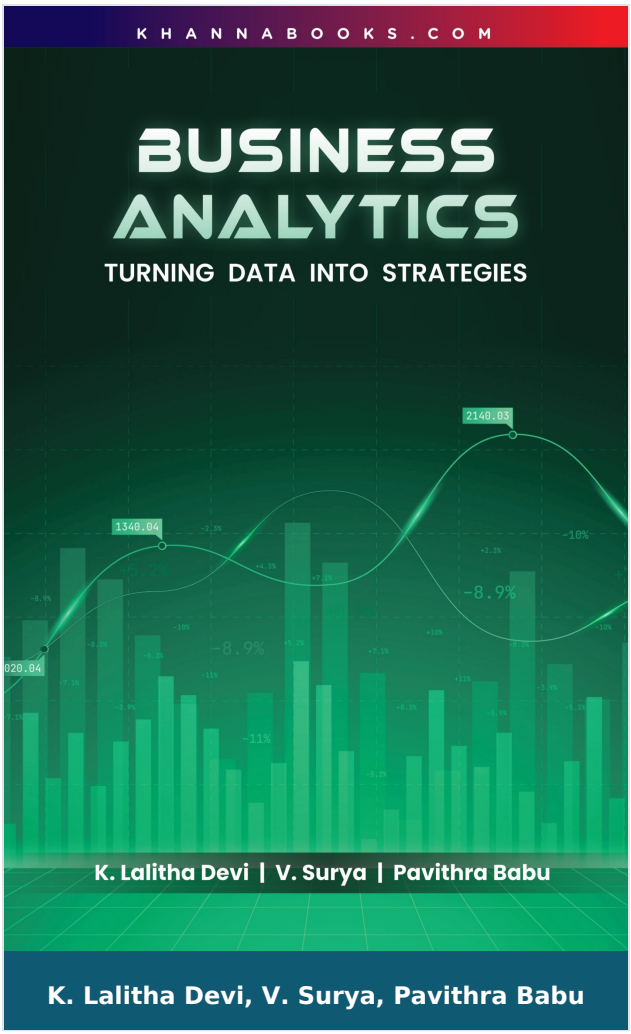
A. Ambikapathy

A. Ambikapathy currently working as an assistant professor in " Galgotia College of Engineering and Technology " holds M. Tech degree. She has presented five papers in national level conferences. She worked under three different universities and having ten years of teaching experience.

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



Business Analytics (Turning Data into Strategies)

Author :	K. Lalitha Devi, V. Surya, Pavithra Babu
ISBN 13 :	978-93-55389-61-9
ISBN 10 :	9355389612
E-ISBN 13 :	978-93-55389-61-9
Edition :	First
Pages :	152
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

This book serves as an essential guide for navigating the complex, data-driven world, focusing on the discipline of Business Analytics (BA). Titled "Business Analytics Turning Data into Strategies," it is specifically designed to equip professionals, analysts, and decision-makers with the knowledge to harness the immense power of data for informed and effective business strategies.

The core purpose is to provide a comprehensive understanding of BA concepts, methodologies, and applications, going beyond traditional reporting to leverage statistical models and predictive algorithms to uncover hidden patterns and optimize strategies. It explores the full spectrum of analytics, from Descriptive Analytics—understanding past trends—to Predictive Analytics—forecasting future outcomes, and the advanced practice of Prescriptive Analytics—optimizing decisions and recommending the best course of action.

Structured to balance theoretical concepts with practical insights and real-world applications, the book provides a clear roadmap for driving growth, efficiency, and innovation. It delves into modern topics crucial for competitive advantage, including Big Data Analytics, Machine Learning, and Artificial Intelligence. Whether you are a beginner seeking foundational knowledge or an experienced professional looking to refine skills, this resource will equip you with the tools and mindset to transform raw data into a strategic asset for sustainable success.

Salient Features:

• Full Analytics Spectrum: Explores the four major types of analytics—Descriptive, Diagnostic, Predictive, and Prescriptive—to help businesses understand what happened, why, and what action to take next.

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 Architecture Explained: Provides in-depth coverage of Data Warehouse and Data Lake architectures, detailing the ETL/ELT process and their critical role in supporting efficient strategic reporting.

• Core Data Mining: Discusses foundational Data Mining concepts, including OLAP, Association Analysis, and Cluster Analysis to discover hidden patterns for effective decision optimization.

• Text & Web Analytics: Guides readers through techniques like Natural Language Processing and Sentiment Analysis to extract meaningful insights and trends from unstructured sources like social media and web data.

• Strategic Performance KPIs: Details the Business Performance Management cycle, covering the setting of objectives, monitoring of Key Performance Indicators (KPIs), and utilizing real-time dashboards.

• Industry Applications: Showcases practical applications of BA in various business functions, including Finance, HR, Operations, Retail, and Healthcare, to solve complex real-world challenges.

• Big Data & AI: Integrates discussions on high-volume, high-velocity Big Data (the 5 Vs) and the application of AI and Machine Learning algorithms for advanced predictive and prescriptive solutions.

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 Business Intelligence
- Type of Digital Data
- Introduction to data Mining
- Transaction Processing
- Business Performance Management

Author

K. Lalitha Devi

K. Lalitha Devi

V. Surya

V. Surya

Pavithra Babu

Pavithra Babu

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



B. Ankayarkanni, D. Usha Nandini, A. Mary Posonia, V. Ulagamuthalvi

Compiler Design

Author :	B. Ankayarkanni, D. Usha Nandini, A. Mary Posonia, V. Ulagamuthalvi
ISBN 13 :	978-93-55385-00-0
ISBN 10 :	9355385005
E-ISBN 13 :	978-93-55385-00-0
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

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

Compiler Design offers a comprehensive and organized introduction to the foundational principles, techniques, and practical tools necessary for constructing a compiler. Serving as an essential bridge between human-readable high-level programming languages and machine instructions, this book aims to unravel the complexity of the translation process and demystify compiler construction for both students and academics.

The book systematically guides readers through the entire compiler lifecycle, detailing each major phase: Lexical Analysis, Syntax Parsing, Semantic Analysis, Intermediate Code Generation, Code Optimization, and Final Code Generation. It adopts an approachable, academic tone, striving to simplify both fundamental ideas and advanced concepts by integrating theoretical foundations with practical implementations. For enhanced comprehension, the material is reinforced with a combination of theoretical discussions and numerous solved numerical problems. Furthermore, a strong emphasis is placed on practical skill development, featuring dedicated coverage of industry-standard tools like LEX and YACC, ensuring the target audience—computer science students and professors—gains hands-on experience in building real-world compilers. This indispensable resource provides a clear pathway to mastering the art and science of transforming source code into efficient, executable programs.

Salient Features:

• Systematic Phase Coverage: Presents the compiler's structure through distinct, organized units, detailing the functionality of the analysis-synthesis model from scanning to code generation.

• Practical Tool Integration: Provides detailed sections on using LEX and YACC (Yet Another Compiler Compiler), giving students hands-on experience in generating practical Lexical Analyzers and Parsers.

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

• Comprehensive Parsing Methods: Explores a full range of parsing techniques, including Top-Down (LL(1)) and sophisticated Bottom-Up (LR, SLR) parsing, complete with error handling and recovery strategies.

• Intermediate Code Representation: Dedicated unit focusing on Syntax-Directed Translation (SDT), implementing three-address code, and handling complex programming constructs like procedure calls and switch-case statements.

• Advanced Optimization Techniques: Covers crucial optimization strategies like Data Flow Analysis, Loop Optimization, and the use of Directed Acyclic Graphs (DAGs) for efficient, high-speed target code generation.

• Efficient Code Generation: Discusses critical implementation issues such as managing Run-Time Storage, optimal Register Allocation and Assignment, and the final conversion of assembly code to machine code.

• Formal Language Foundation: Clearly explains the role of Formal Languages, covering Regular Expressions and both Deterministic and Non-Deterministic Finite Automata (DFA/NFA) conversions in lexical 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

- Introduction to Compiler
- Syntax Analysis
- Syntax Directed translation and Intermediate Code Generation
- Code Optimization
- Code Generation

Author

B. Ankayarkanni

B. Ankayarkanni

D. Usha Nandini

D. Usha Nandini

A. Mary Posonia

A. Mary Posonia

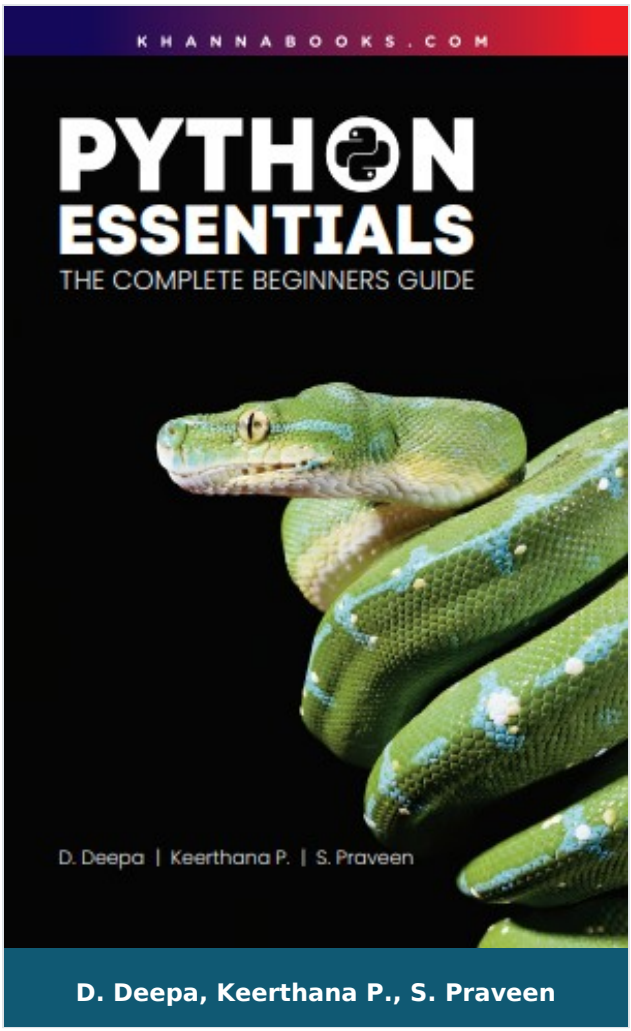
V. Ulagamuthalvi

V. Ulagamuthalvi

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



D. Deepa, Keerthana P., S. Praveen

Python Essentials (The Complete beginners Guide)

Author :	D. Deepa, Keerthana P., S. Praveen
ISBN 13 :	978-93-55386-19-9
ISBN 10 :	9355386192
E-ISBN 13 :	978-93-55386-19-9
Edition :	First
Pages :	96
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 148.00
Categories :	New Arrivals, Book Store, Sathyabama Series
Condition Type :	New
Country Origin :	India

Product Description

Python Essentials (The Complete beginners Guide)

Python is the bedrock of modern technology—powering everything from Data Science and Machine Learning to Web Development and System Automation. But where do you start?

Python Essentials: The Complete Beginner's Guide is your definitive, practical roadmap. Built specifically for absolute beginners, this book capitalizes on Python's simple, English-like syntax to ensure a swift and successful journey into coding.

This guide moves beyond theory, equipping you with the fundamental logic and Object-Oriented Programming (OOP) principles needed for professional work. By the time you finish, you won't just know Python; you'll be able to build, debug, and implement real-world solutions. Launch your career or elevate your productivity—the power of Python starts here.

Salient Features:

This guide provides a complete, hands-on path to Python mastery, focusing on modern, practical skills:

- **Core Foundations**: Master the essential building blocks, including variables, expressions, and primary data structures (Lists, Strings, Tuples, Dictionaries).
- **Object-Oriented Programming (OOP)**: Gain a clear understanding of OOP principles (Classes, Objects, Inheritance) to write robust, scalable, and reusable code.
- **GUI and Database Development**: Develop practical tools by learning to build Graphical User Interfaces (GUI) with Tkinter and manage data using the SQLite database library.
- **Debugging and Error Handling**: Acquire crucial development skills like effective Exception Handling and code tracing using Python's built-in debugger, pdb.

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

- **Real-World Project Skills**: Learn to manage projects professionally with topics like File Handling, utilizing Virtual Environments, and performing efficient Code Reviews.
- **Versatile Programming**: Understand Python's support for multiple paradigms, including procedural, functional, and object-oriented styles, preparing you for any job role.

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 Python and Basic Constructs
- Object-Oriented Programming Concepts
- Functions, File Handling, and Error Handling
- GUI Programming and Database Handling
- Networking and Hands-on Project

Author

D. Deepa

Deepa, Keerthana P., S. Praveen

Keerthana P.

Deepa, Keerthana P., S. Praveen

S. Praveen

S. Praveen

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



Blockchain and Cryptocurrency

Author :	D. Geethanjali, R. Jeberson Retna Raj
ISBN 13 :	978-93-55386-32-8
ISBN 10 :	935538632X
E-ISBN 13 :	978-93-55386-32-8
Edition :	First
Pages :	136
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 200.00
Categories :	Computer Science Engineering, New Arrivals, Book Store, Sathyabama Series
Condition Type :	New
Country Origin :	India

Product Description

The world is undergoing a massive paradigm shift in how we manage trust, data, and digital value. BLOCKCHAIN AND CRYPTOCURRENCY offers a comprehensive and accessible journey into the heart of this technological revolution, moving beyond the hype of market trends to explore the foundational principles of decentralized systems. Written with a holistic approach, this book breaks down the intricate mechanics of blockchain technology—including consensus algorithms, cryptography, and P2P networking—making them understandable for both curious beginners and aspiring developers.

The text provides a deep dive into the evolution of digital money, from the pioneering launch of Bitcoin to the advanced smart contract capabilities of Ethereum and the burgeoning world of Decentralized Finance (DeFi). Readers will explore real-world applications across diverse sectors such as healthcare, finance, and governance, while gaining critical insights into the ethical, regulatory, and security challenges that face the industry today. Whether you are a student seeking academic clarity or a professional looking to leverage decentralized applications, this book serves as an essential guide to the future of the digital economy.

Salient Features:

• Comprehensive Technical Foundations: Detailed explorations of blockchain architecture, including P2P networking, block structures, and the logical components of decentralized ecosystems.

• Smart Contract Mastery: In-depth coverage of Ethereum and the development of self-executing contracts using Solidity and Javascript to automate complex business logic.

• Cryptocurrency Lifecycle Insights: Clear explanations of the mining process, transaction lifecycles, and the role of wallets and private keys in securing digital assets.

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

• Robust Security Analysis: A critical look at security and privacy issues, covering common types of attacks, encryption methods, and strategies for system enhancement.

• Practical Industry Applications: Real-world use cases demonstrate how blockchain transforms sectors like healthcare EHRs, supply chain logistics, and cross-border trade finance.

• Governance and E-Governance: Examination of decentralized governance models and the potential for blockchain to streamline public health tracking and land registries.

• Economic and Ethical Implications: Insightful discussions on the "dark side" of crypto, including scams, money laundering, and the evolving global regulatory landscape.

• Future-Ready Learning: Focus on emerging trends and the transition from traditional centralized institutions to a world where trust is embedded in technology

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 Blockchain
- Ethereum Basics
- Introduction to Bitcoin
- Fundamentals of Cryptocurrencies
- Security and Privacy Issues of Blockchain Technology

Author

D. Geethanjali

D. Geethanjali

R. Jeberson Retna Raj

R. Jeberson Retna Raj

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