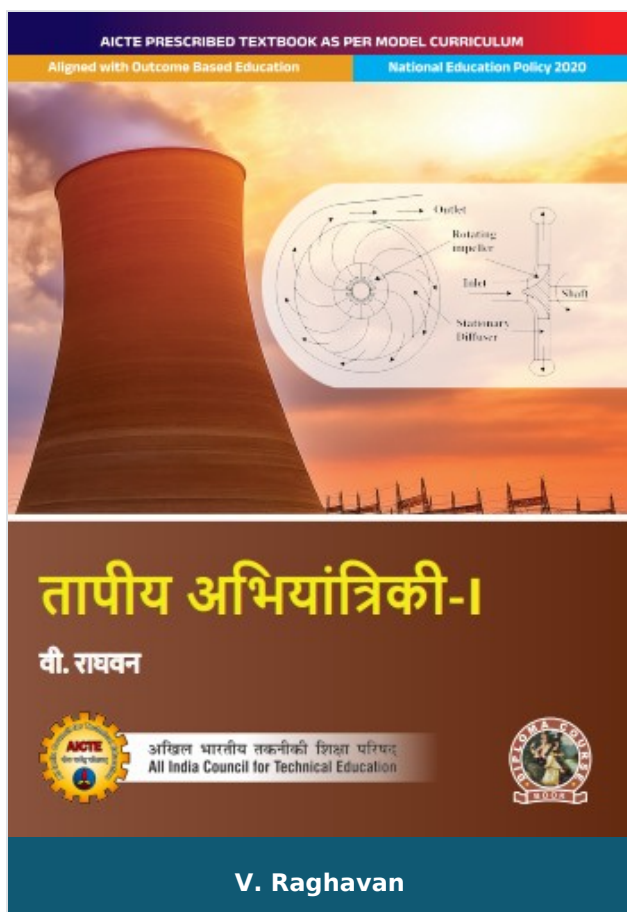




## Thermal Engineering - I

**Author :** V. Raghavan

**ISBN 13 :** 978-93-55388-46-9

**ISBN 10 :** 9355388462

**E-ISBN 13 :** 978-93-55388-46-9

**Edition :** First

**Pages :** 196

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 295.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

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### Thermal Engineering - I

This book introduces various energy sources; fossil and renewable fuels, their properties, followed by other non-conventional sources such as nuclear and fuel cells. It discusses the types of heat engines; diesel engine, petrol engine, their working principle, components and standard thermodynamic cycles. The book provides insights of various system and IC engines such as fuel injection system, ignition system, lubricating system and also briefly covers governing of IC engines. Further this book provides basic insights of the important parameters to evaluate the performance of I.C. engines. Finally, useful discussions on the fundamentals of air compressors and their types, vapour compression refrigeration system, types of refrigerants, types of air conditioning, and seasonal air conditioning. This book also presents the method to conduct experiments for measuring Important properties used in the analysis.

### Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.

- Apart from essential information a 'know more' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps.

## Table Of Contents

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- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Sources of Energy.
- Internal Combustion Engines.
- C. Engine Systems.
- Performance of I.C. Engines.
- Air Compressors, Refrigeration & Air Conditioning
- CO and PO Attainment Table
- Index

## Author

---

**V. Raghavan**

Dr. V. Raghavan





## Basic Electrical Engineering (with Lab Manual)

**Author :** S. K. Sahdev

**ISBN 13 :** 978-93-55381-40-8

**ISBN 10 :** 9355381409

**E-ISBN 13 :** 978-93-55381-40-8

**Edition :** 1

**Pages :** 496

**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

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This textbook “Basic Electrical Engineering” is based on the latest syllabus of the Universities AICTE and Educational Institutes. In this edition, some material of the book has been rewritten to make the presentation easily comprehensible. More illustrative examples mainly from IAS, IES and GATE and other competitive examinations have been added. Various problems with answers have been added to support the text. For quick revision, summary/ highlights are given at the end of each chapter.

Salient Features:

1. DC Circuits
2. AC Circuits
3. Transformers
4. Electrical Machines
5. Power Converters
6. Electrical Installations

## Table Of Contents

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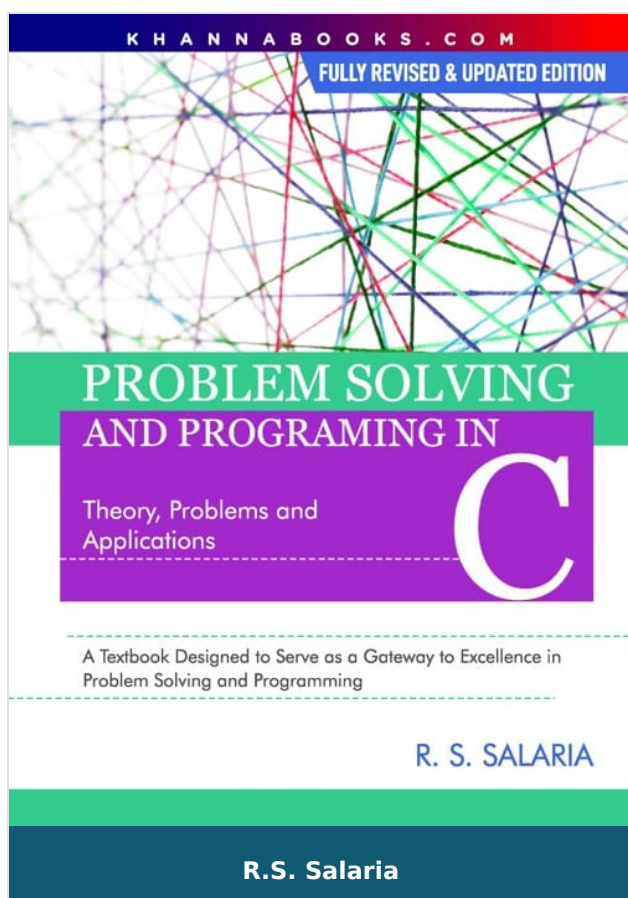
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teacher
- Guidelines for Students
- DC Circuits.
- AC Circuits.
- Transformers.
- Electrical Machines.
- Power Converters.
- Electrical Installations.

## Author

---

**S. K. Sahdev**

S. K. Sahdev



## Problem Solving and Programming in C

**Author :** R.S. Salaria

**ISBN 13 :** 978-93-82609-49-0

**ISBN 10 :** 9382609490

**E-ISBN 13 :** 978-93-82609-49-0

**Edition :** Fifth

**Pages :** 522

**Type of book :** Physical

**Year :** 2023

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 425.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

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The subject of Programming in C is an integral part of curriculum of all universities and institutes offering undergraduate and postgraduate and program in Computer Science and Information Technology leading to the degree of BE/B Tech, BSc(IT), BCA, MSc(IT), MSc(CS) and MCA.

This book is designed to serve as a textbook for the students taking these program of study. The book lays more emphasis on developing the skill of problem solving and program design, which are pre-requisites to programming.

## Table Of Contents

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- X-NONE
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- Problem Solving and Program Planning
- Overview of C Language
- Fundamentals Data Types
- Operators and Expressions
- Standard Input/ Output
- Decision Making Statements
- Looping Statements
- Functions
- Arrays
- Strings
- Structures and Unions

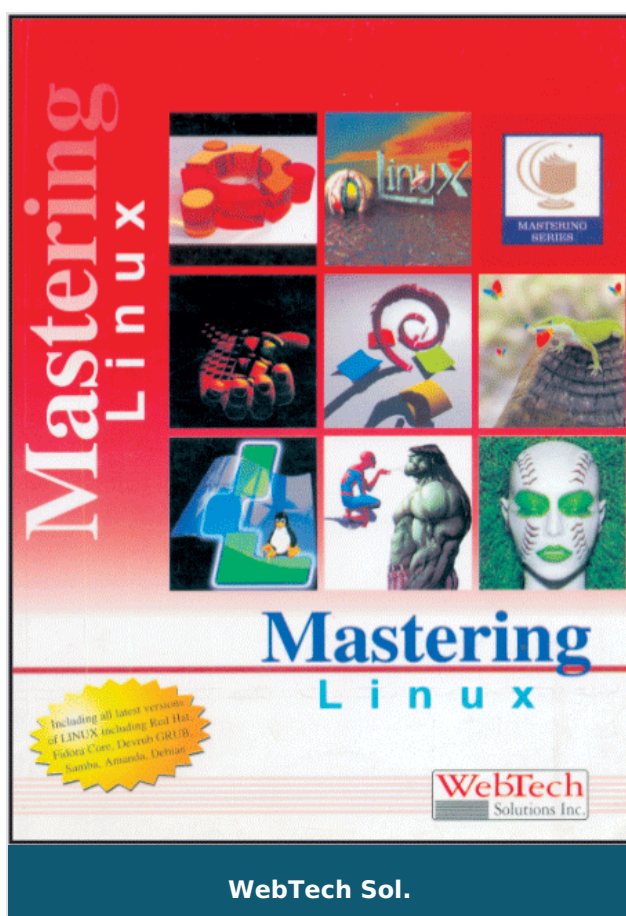
- Pointers
- File Handling
- Library Functions and Header Files
- Preprocessor Directives
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## Author

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### 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>



## Mastering Linux

**Author :** WebTech Sol.

**ISBN 13 :** 978-93-80016-11-5

**ISBN 10 :** 9380016115

**E-ISBN 13 :** 978-93-80016-11-5

**Edition :** First

**Pages :** 308

**Type of book :** Physical

**Year :** 2009

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 295.00

**Categories :** [Book Store, Mastering Series, ADVANCE COMPUTER BOOKS](#)

**Condition Type :** New

**Country Origin :** India



## Product Description

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Mastering Linux is a handy book that teaches you inside-out of the operating system called LINUX in the most effective way possible. It provides the reader with the step-by-step use and functionalities of the software for easy and efficient working of it. With information on upgrading, customizing, troubleshooting, and key shortcuts, this book provides the ready reference you need to keep your network working. The book is very useful of the people who desired to get the complete knowledge of all the features, tools, utilities of the operating system Linux.

## Table Of Contents

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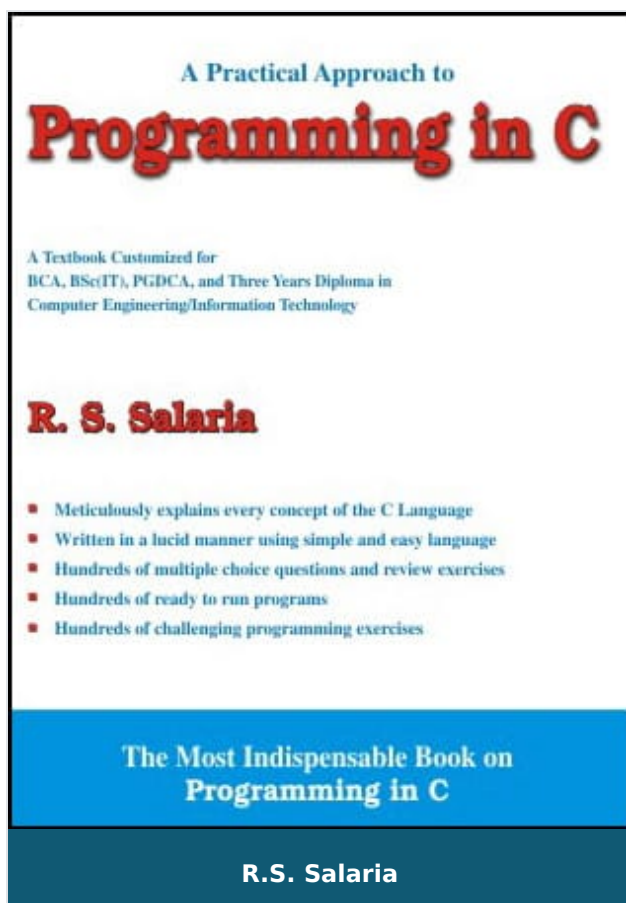
- Introduction to Open Source and Linux
- Pre-Installation
- Planning Your Network
- Standard Installation
- Kick start Installation
- Exploring the Desktop
- System Startup and Shutdown
- Examining File and Configuration Systems
- X Windows System
- Configuring Printers
- TCP/IP Networking
- TCP/IP Browsers
- The Network File System
- The Network Information System
- Connecting to Microsoft and Novell Networks
- Network Services and Proxies
- Web Server, DHCP and DNS
- Optimizing Network Services
- Mail Server
- FTP and Telnet
- Optimizing Internet Services
- Keeping Your System Updated with up2date
- Backing Up and Restoring the File System

## Author

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### WebTech Sol.

WebTech Sol. WebTech Solutions Inc. is one of the pioneers of the technology industry. Webtech Solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best ways to analyze, develop, test, debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence: excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers.



## A Practical Approach to Programming in C

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| <b>Author :</b>         | R.S. Salaria                                                                |
| <b>ISBN 13 :</b>        | 978-81-90744-86-7                                                           |
| <b>ISBN 10 :</b>        | 8190744860                                                                  |
| <b>E-ISBN 13 :</b>      | 978-81-90744-86-7                                                           |
| <b>Edition :</b>        | 1                                                                           |
| <b>Pages :</b>          | 328                                                                         |
| <b>Type of book :</b>   | Physical                                                                    |
| <b>Year :</b>           | 2014                                                                        |
| <b>Language :</b>       | English                                                                     |
| <b>Publisher :</b>      | Khanna Publishing House                                                     |
| <b>M.R.P :</b>          | Rs 250.00                                                                   |
| <b>Categories :</b>     | <a href="#">Computer Science Engineering,</a><br><a href="#">Book Store</a> |
| <b>Condition Type :</b> | New                                                                         |
| <b>Country Origin :</b> | India                                                                       |

## Product Description

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The subject of programming in C is one of the compulsory courses in the curriculum of BCA, BSc (IT), BSc (Non-Med) with Computer science as one of the elective subject, PGDCA, and Three Year polytechnic diploma in Computer Engineering as well as Information Technology of all universities and state technical boards. The book in your hand is a customized version of my popular book application programming in C to serve as a textbook for the students taking these course. The presentation is 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 thing you need on the subject of programming in C. Provides a comprehensive coverage of the subject. Demonstrate the development of programs in a good programming style. Large number of ready to run programs for reference. Large number of multiple choice questions and review exercises to test your knowledge about the subject learned. Large number of programming exercises to test your programming skills acquired.

## Table Of Contents

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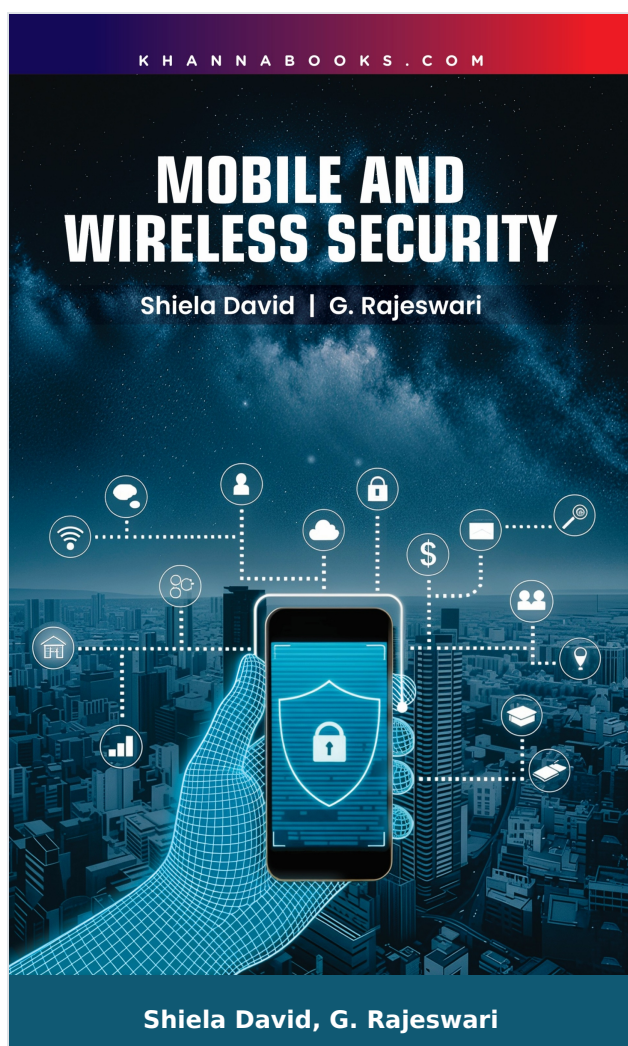
- Algorithms and Program Development
- Overview of C Language
- Data Types Operators and Expressions
- Handling Keyboard Input and Screen Output
- Control Statements
- Functions
- Arrays
- Pointers
- Structures and Unions
- String Processing
- Files

## 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>



## Mobile and Wireless Security

|                         |                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Shiela David, G. Rajeswari                                                                                                      |
| <b>ISBN 13 :</b>        | 978-93-55389-03-9                                                                                                               |
| <b>ISBN 10 :</b>        | 9355389035                                                                                                                      |
| <b>E-ISBN 13 :</b>      | 978-93-55389-03-9                                                                                                               |
| <b>Edition :</b>        | 1                                                                                                                               |
| <b>Pages :</b>          | 64                                                                                                                              |
| <b>Type of book :</b>   | Physical                                                                                                                        |
| <b>Year :</b>           | 2026                                                                                                                            |
| <b>Language :</b>       | English                                                                                                                         |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                                         |
| <b>M.R.P :</b>          | Rs 148.00                                                                                                                       |
| <b>Categories :</b>     | <a href="#">Computer Science Engineering,</a><br><a href="#">New Arrivals, Book Store,</a><br><a href="#">Sathyabama Series</a> |
| <b>Condition Type :</b> | New                                                                                                                             |
| <b>Country Origin :</b> | India                                                                                                                           |

## Product Description

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In our modern, interconnected world, where wireless networks and mobile devices have become ubiquitous tools for communication, business, and daily life, the imperative for robust security has never been greater. This handbook, *Mobile and Wireless Security*, serves as an essential guide, providing an in-depth understanding of this dynamic and critical field, from foundational principles to the newest industry trends.

The core purpose of this material is to illuminate the underlying systems of wireless technology and expose the resultant security threats they face. The book's major goals are to enable readers to grasp the basic features of wireless systems, meticulously examine the necessary security protocols and cryptographic methods, and confidently implement effective security practices across various wireless devices. It thoroughly addresses the vast array of threats, such as unauthorized access, data intrusion, and Denial of Service (DoS) attacks, that compromise modern wireless environments.

This resource is designed for a broad target audience, including IT professionals, cybersecurity experts, academics, students, and any individual or organization—from enterprises to governments—who must proactively safeguard sensitive data and defend against unauthorized access in a mobile-first landscape. By the end of this journey, you will possess the practical knowledge required to apply sophisticated security measures to mobile wireless systems with the confidence needed to secure wireless networks in real-world applications.

### Salient Features:

- **Foundational Network Models:** Delivers a clear overview of the OSI and TCP/IP models, establishing the fundamental theoretical frameworks necessary for understanding how various network protocols interact during end-to-end communication.



- **Wireless Protocol Evolution:** Provides a comprehensive examination of essential WLAN security protocols, detailing the weakness of WEP and the evolution through WPA and WPA2 to the robust security standards offered by WPA3.
- **Core Cryptography Methods:** Covers symmetric and asymmetric cryptography schemes, hash functions, and key secure protocols like SSL/TLS and IPSec, which are crucial for securing data confidentiality, integrity, and non-repudiation.
- **Device Security Analysis:** Dedicated content analyzes security problems specific to wireless devices, including Laptops and Handsets, covering topics like physical security, application security, and the risks of information leakage.
- **Cellular System Defense:** Explores security considerations for cellular networks, detailing threats, types of Cellular Fraud, and the security mechanisms employed within systems like GSM and data networks such as GPRS.
- **Wireless Threat Landscape:** Defines and provides mitigation techniques for pervasive wireless threats, including Eavesdropping, Communication Jamming, Rogue Client Attacks, and vulnerabilities arising from weak cryptographic algorithms.
- **Practical LAN Implementation:** Offers practical security guidance on deploying Wireless LANs in various organizational structures, including Large Enterprise Campuses, Wireless ISP Designs, and Small Office/Home Office (SOHO) environments.
- **Security Best Practices:** Outlines actionable strategies for a proactive security stance, emphasizing the need for robust Authentication, ongoing Network Monitoring, regular Firmware/Software Patching, and stringent physical access controls.

## Table Of Contents

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- Wireless Technology and Wireless Security
- Introduction to Wireless Security protocols and Cryptography
- Security Considerations for Wireless Devices
- Wireless Technologies and Applications
- Implementing Wireless LANs: Security Conciderations

## Author

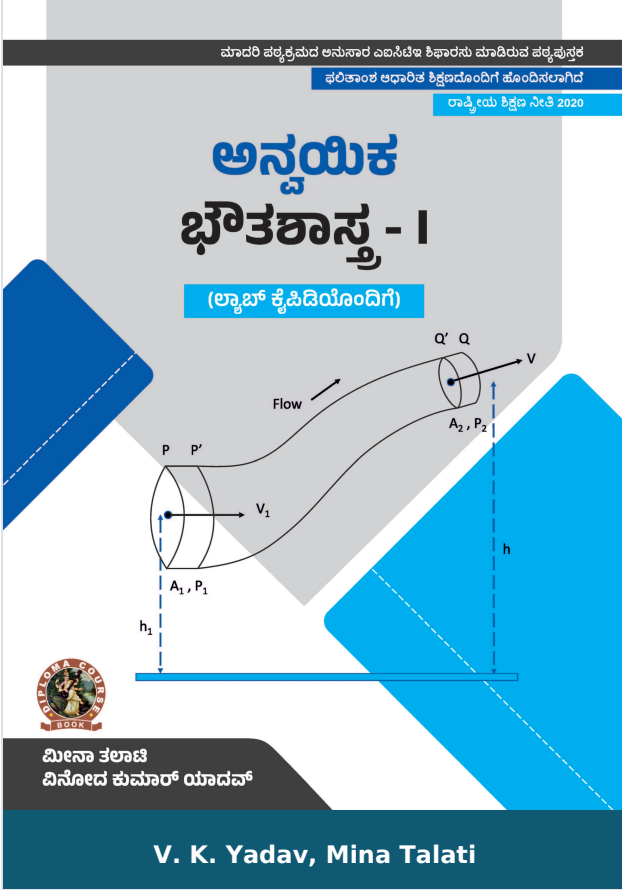
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**Shiela David**

Shiela David

**G. Rajeswari**

G. Rajeswari



## Applied Physics-I (with Lab Manual)

**Author :** V. K. Yadav, Mina Talati

**ISBN 13 :** 978-93-91505-85-1

**ISBN 10 :** 9391505856

**E-ISBN 13 :** 978-93-91505-85-1

**Edition :** 1

**Pages :** 252

**Type of book :** Physical

**Year :** 2023

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 395.00

**Categories :** [AICTE Prescribed Textbooks,](#)  
[Kannada Books, Book Store,](#)  
[Ebooks](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

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“Applied Physic-I” is a compulsory paper for the first year Diploma course in Engineering & Technology. Syllabus of this books is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concepts of outcome-based education.

Book covers six topics- Physical World, Units and Measurements; Force and Motion; Work, Power and Energy; Rotational Motion; Properties of Matter; Heat and Thermometry. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test the student’s comprehension.

Some salient features of the book:

1. Content of the book is aligned with the mapping of Course Outcome, Programs Outcomes and Unit Outcomes.
2. Book provides lots of interested facts, QR Code for E-resources, QR Code for use of ICT etc.
3. Students and teacher centric subject materials are included in book with balanced and chronological manner.
4. Figures and tables are inserted to improve clarity of the topics.
5. Short questions, objective questions and long answer exercises of different difficulty levels are given for practice after every chapter.
6. Solved numerical examples are provided with systematic steps in each chapter followed by numerical exercises with hints.

## Table Of Contents

---

- Physical World, Units and Measurements
- Force and Motion
- Work, Power and energy
- Rotational Motion
- Properties of Matter
- heat and Thermometry
- Annexes
- Appendices
- Index

## Author

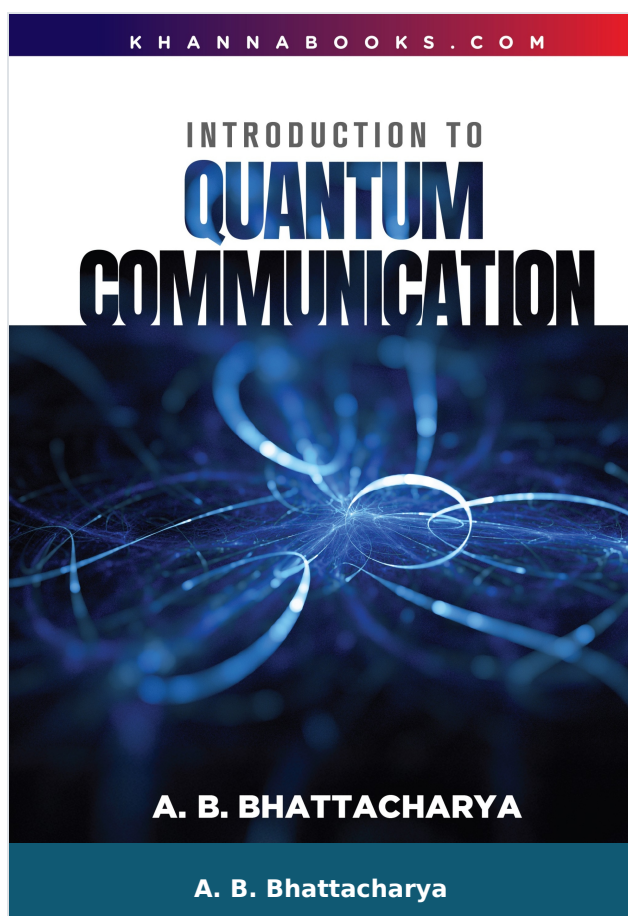
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**V. K. Yadav**

V. K. Yadav

**Mina Talati**

Mina Talati



## Introduction to Quantum Communication

**Author :** A. B. Bhattacharya

**ISBN 13 :** 978-93-55388-92-6

**ISBN 10 :** 9355388926

**E-ISBN 13 :** 978-93-55388-92-6

**Edition :** First

**Pages :** 448

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 675.00

**Categories :** [New Arrivals, Emerging Technologies, Book Store](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

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### Explore the unbreakable Future of Communication

Welcome to a new era where communication is no longer limited by classical boundaries. “Introduction to quantum communication” is your definitive guide to understanding the intricate and revolutionary field that merges quantum physics with information technology.

From the foundations of quantum mechanics to the cutting-edge protocols and technologies that power secure quantum networks, this book offers a clear, structured, and comprehensive journey through the quantum realm, whether you’re a student, researcher, or tech enthusiast, you’ll discover how photons, entanglement, and no-cloning theorems are reshaping the way we think about privacy, data transfer, and global connectivity.

### What you’ll learn inside:

- The fundamental difference between classical and quantum communication systems
- The secrets behind quantum key distribution (BB84, E91, B92, DI-QKD)
- Practical implementations like quantum teleportation and quantum internet
- The role of entanglement, dense coding, secret sharing, and quantum bit commitment
- Security threats such as eavesdropping and their quantum countermeasures
- Future directions: satellite-based QKD, post-quantum cryptography, and ethical implications

### Each Chapter Includes:

- Numerical problems with solutions
- Short questions & Answers

- Multiple choice questions
- Project ideas for deeper exploration

Bridging physics and information science, this book equips you with the knowledge to understand and participate in the communication revolution of tomorrow.



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- Foreword
- Preface
- Acknowledgements
- BASICS OF QUANTUM COMMUNICATION
- FOUNDATIONS OF QUANTUMS COMMUNICATION
- QUANTUM KEY DISTRIBUTION
- QUANTUM CRYPTOGRAPHY BEYOND QKD
- QUANTUM TELEPORTATION
- QUANTUM NETWORKS
- PROTOCOLS IN QUANTUM COMMUNICATION
- PRACTICAL IMPLEMENTATIONS AND TECHNOLOGIES
- SECURITY ASPECTS OF QUANTUM COMMUNICATION
- FUTURE DIRECTIONS AND APPLICATIONS

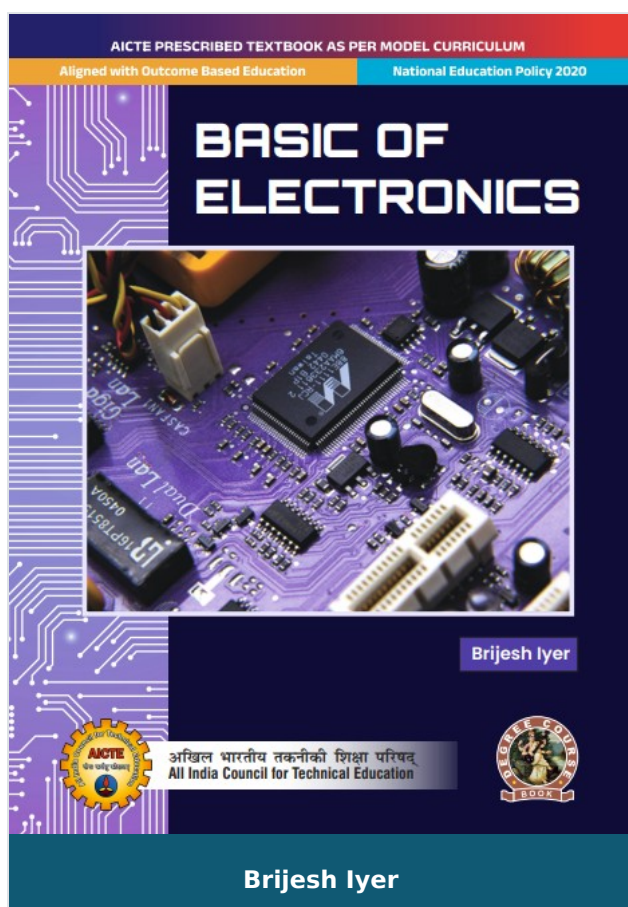
## Author

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### A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for

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



## Basic of Electronics

**Author :** Brijesh Iyer

**ISBN 13 :** 978-93-55388-08-7

**ISBN 10 :** 935538808X

**E-ISBN 13 :** 978-93-55388-08-7

**Edition :** First

**Pages :** 288

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 428.00

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

**Condition Type :** New

**Country Origin :** India

**Khanna Publishing House**

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

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

## Product Description

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### Basic of Electronics

This text book on Basic Electronics provides foundation of the subject to the reader. It familiarizes readers to important basic electronics engineering concepts of audio, video and consumer electronics devices used in daily affairs. The main concept of this book is aligned with the model curriculum of AICTE followed by concept of outcome-based education as per National Education Policy (NEP) 2020.

### Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR Code for E-resources etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures and tables are inserted to improve clarity of the topics.
- Apart from essential information a 'Self-study questions and MCQ' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps.

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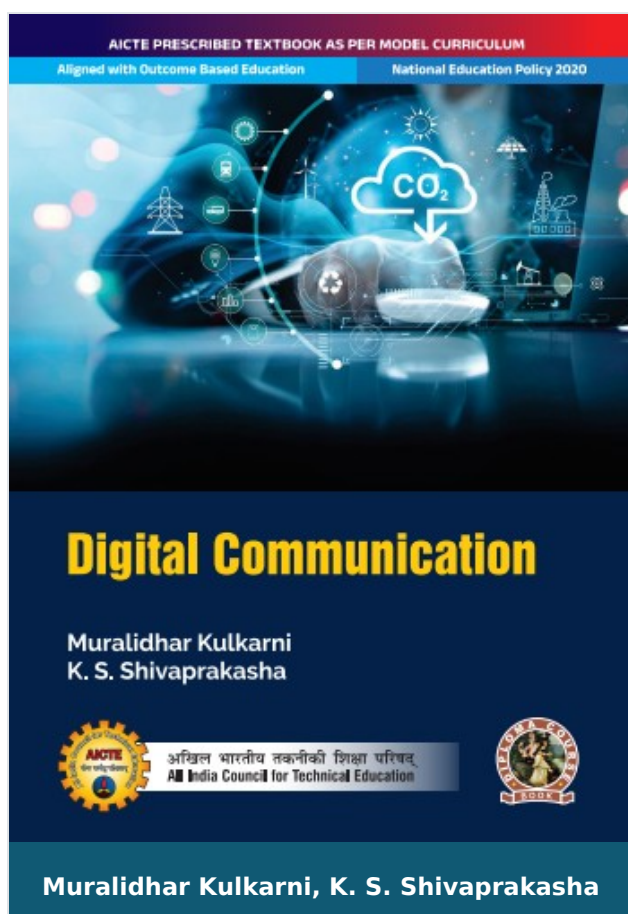
- Foreword
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- Guidelines For Students
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- List Of Tables
- Diode and Its Applications
- Transistor Characteristics
- Feedback Amplifier and Oscillators
- Operational Amplifier and Applications
- Measuring Instruments & Transducers
- Introduction to Digital Electronics
- References and Suggested Readings
- CO-PO Attainment Table
- Index

## Author

---

### **Brijesh Iyer**

Dr. Brijesh Iyer Professor, Assistant Professor (Sel. Gr.) Department of E & TC Engineering  
Dr. Babasaheb Ambedkar Technological University, Lonere Maharashtra



## Digital Communication

**Author :** Muralidhar Kulkarni, K. S. Shivaprakasha

**ISBN 13 :** 978-93-55383-30-3

**ISBN 10 :** 9355383304

**E-ISBN 13 :** 978-93-55383-30-3

**Edition :** First

**Pages :** 340

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 525.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

---

### Digital Communication

The focus of this book is the area of digital communication, which has witnessed a worldwide digital and wireless communication revolution in the last two decades. This field has created a high demand in industry for graduates with in-depth expertise in digital transmission techniques and a sound and complete understanding of their core principles. This book on Digital communication presents the theory and application of the subjects in a unique but lucid form. The book inserts equal importance to the theory and application aspect of the subject whereby the author selected a wide class of problems including well thought of exercises and QR codes for additional reading. This book is aimed at giving the beginner a basic understanding of the concepts in addition to deriving required mathematical formulas.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'know more' section is also provided in each unit to extend the learning beyond syllabus.

- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps.



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## Author

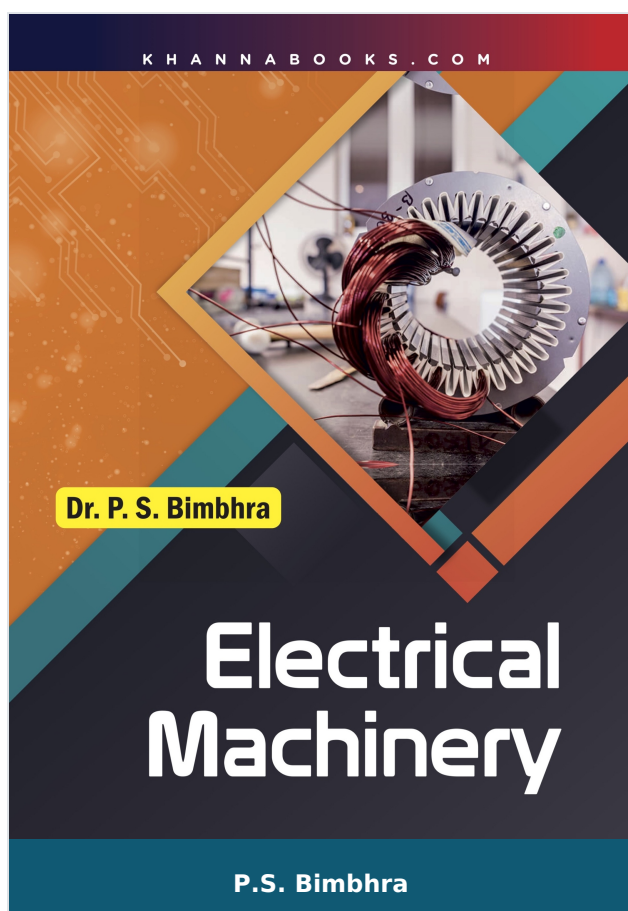
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## Electrical Machinery

|                         |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
| <b>Author :</b>         | P.S. Bimbhra                                                                        |
| <b>ISBN 13 :</b>        | 978-93-89139-10-5                                                                   |
| <b>ISBN 10 :</b>        | 9389139104                                                                          |
| <b>E-ISBN 13 :</b>      | 978-93-89139-10-5                                                                   |
| <b>Edition :</b>        | 1                                                                                   |
| <b>Pages :</b>          | 1084                                                                                |
| <b>Type of book :</b>   | Physical                                                                            |
| <b>Year :</b>           | 2024                                                                                |
| <b>Language :</b>       | English                                                                             |
| <b>Publisher :</b>      | Khanna Publishing House                                                             |
| <b>M.R.P :</b>          | Rs 295.00                                                                           |
| <b>Categories :</b>     | <a href="#">Electrical, Electronics &amp; Communication Engineering, Book Store</a> |
| <b>Condition Type :</b> | New                                                                                 |
| <b>Country Origin :</b> | India                                                                               |

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

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## Product Description

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This thoroughly revised and updated edition presents a rigorous and comprehensive treatment of transformers and more common types of rotating electrical machine types. Each chapter begins with rudimentary concepts and is so developed that an average student can easily comprehend it. The salient features of this book are :

In-depth coverage of transformers, dc machines, 3-phase synchronous, and induction machines.

Highlights that electrical machines operate on the same basic principles.

Devotes a chapter on electromechanical-energy conversion principles and another on dc/ac machine windings.

Drive aspects and applications are discussed for each machine type.

Clarity of presentation is enhanced by illustrative figures and examples selected from question-papers of important Universities, IAS, IES and GATE.

Includes numerous problems, conceptual questions and objective-type questions (with answers) to help the reader master the basic concepts.

This edition includes a chapter on “basic principles of electrical machines.”

All these features contribute towards making this book an ideal text for undergraduate students of degree classes. Practicing engineers, through self-study, will also find this volume useful to them.

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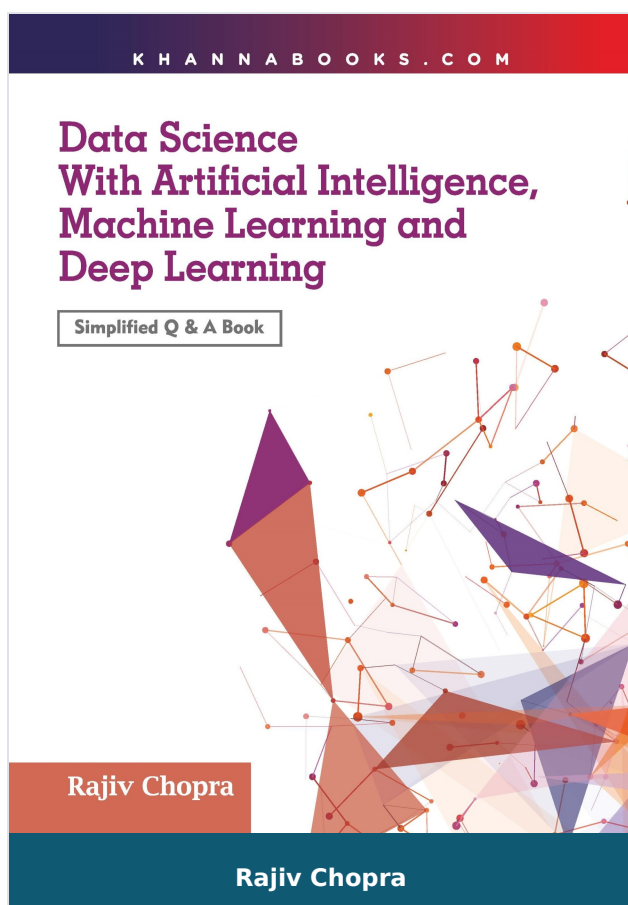
- Appendix - E: Appendix
- Index

## Author

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### **P.S. Bimbhra**

Dr. P.S. Bimbhra retired as a professor of Electrical and Electronics Engineering from T.I.E.T. Patiala. A graduate of Punjab Engineering College, Chandigarh, he received his M.E. (Hons.) and Ph.D. from IIT Roorkee. He is fellow of the Institution of Engineers and a life member of ISTE. His areas of current interests include Electrical Machines, Power Electronics and Electric Drives.



## Data Science with Artificial Intelligence, Machine Learning and Deep Learning

|                         |                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Rajiv Chopra                                                                                                         |
| <b>ISBN 13 :</b>        | 978-93-55380-82-1                                                                                                    |
| <b>ISBN 10 :</b>        | 9355380828                                                                                                           |
| <b>E-ISBN 13 :</b>      | 978-93-55380-82-1                                                                                                    |
| <b>Edition :</b>        | First                                                                                                                |
| <b>Pages :</b>          | 956                                                                                                                  |
| <b>Type of book :</b>   | Physical                                                                                                             |
| <b>Year :</b>           | 2023                                                                                                                 |
| <b>Language :</b>       | English                                                                                                              |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                              |
| <b>M.R.P :</b>          | Rs 750.00                                                                                                            |
| <b>Categories :</b>     | <a href="#">Computer Science Engineering,</a><br><a href="#">OBJECTIVE TYPE BOOKS, Book</a><br><a href="#">Store</a> |
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| <b>Country Origin :</b> | India                                                                                                                |

## Product Description

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The Present book takes a student from "unknown to known" and " simple to complex" principles of Data Science. This book is user-friendly, thought provoking and stimulating. It helps in clearing the cobwebs of the mind and the subject. The style used is lucid and un-adulterated. What stands out is the stark simplicity with which the ideas have been portrayed.

A good book should teach the customary and effective ways to structure your code in such a way that data engineering is not havoc. Python is an object-oriented programming language that is used in this book .

The book is divided in to 4 Units:-

Unit-1 has 15 chapters on Artificial Intelligence.

Unit-2 has 7 chapters that explain Machine Learning and IOT.

Unit-3 has 10 chapters each focusing on DEEP Learning.

Unit-4 has 1 chapter that explain Data Sciences.



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- AI Retrospectives
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- Learning Algorithms
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- Deep Learning Survey
- Roses are Red, Violets are Blue, Deep Learning Can Recognize Objects for you.
- UIT IV: Data Science
- Data Science
- Glossary
- Model Question Papers
- References

## Author

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attended 21 conferences, workshops, FDPs and seminars. He is a prolific author with 26 Text and Reference books to his credit, for B. Tech. (CSE/IT), M. Tech. (CSE/IT), BCA, MCA and other courses of different Universities of India.