


# Engineering Mechanics (with Lab Manual)

| | |
|---|---|
| **Author :** | B. B. Gokaldas, Vandana Somkuwar |
| **ISBN 13 :** | 978-93-91505-32-5 |
| **ISBN 10 :** | 9391505325 |
| **E-ISBN 13 :** | 978-93-91505-32-5 |
| **Edition :** | First |
| **Pages :** | 224 |
| **Type of book :** | Physical |
| **Year :** | 2022 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 395.00 |
| **Categories :** | AICTE Prescribed Textbooks, Tamil Books, Book Store, Ebooks |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

“Engineering Mechanics with Lab Manual” is a  compulsory for the first year Diploma course in Engineering 7 Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE).

Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student’s comprehension. Also in each unit the laboratory practical pertaining to unit is included.

Some salient features of the book:

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

2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc.

3. Student and teacher centric subject materials included in book with balanced and chronological manner.

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

5. Objective questions, Short questions and long answer exercise given for practice of students after every unit.

6. Solved and unsolved problems including numerical examples taken 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,
- Basic of Mechanics and Force System
- Equilibrium
- Friction
- Centroid and Centre of Gravity
- Centroid and Centre of Gravity
- Appendix
- Index


## Author


**B. B. Gokaldas**

B. B. Gokaldas B. G. Gokaldas

**Vandana Somkuwar**

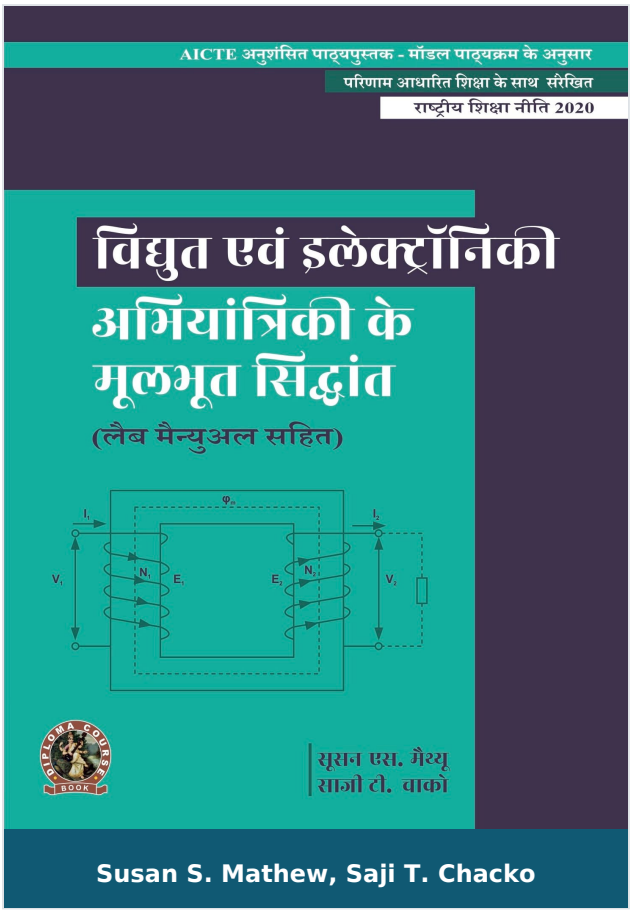
Vandana Somkuwar



**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




# Fundamentals of Electrical and Electronics Engineering (with Lab Manual)

| | |
|---|---|
| **Author :** | Susan S. Mathew, Saji T. Chacko |
| **ISBN 13 :** | 978-93-55380-02-9 |
| **ISBN 10 :** | 935538002X |
| **E-ISBN 13 :** | 978-93-55380-02-9 |
| **Edition :** | First |
| **Pages :** | 268 |
| **Type of book :** | Physical |
| **Year :** | 2023 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 395.00 |
| **Categories :** | AICTE Prescribed Textbooks, Hindi Books, Book Store, Ebooks |
| **Condition Type :** | New |
| **Country Origin :** | India |

## 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.

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

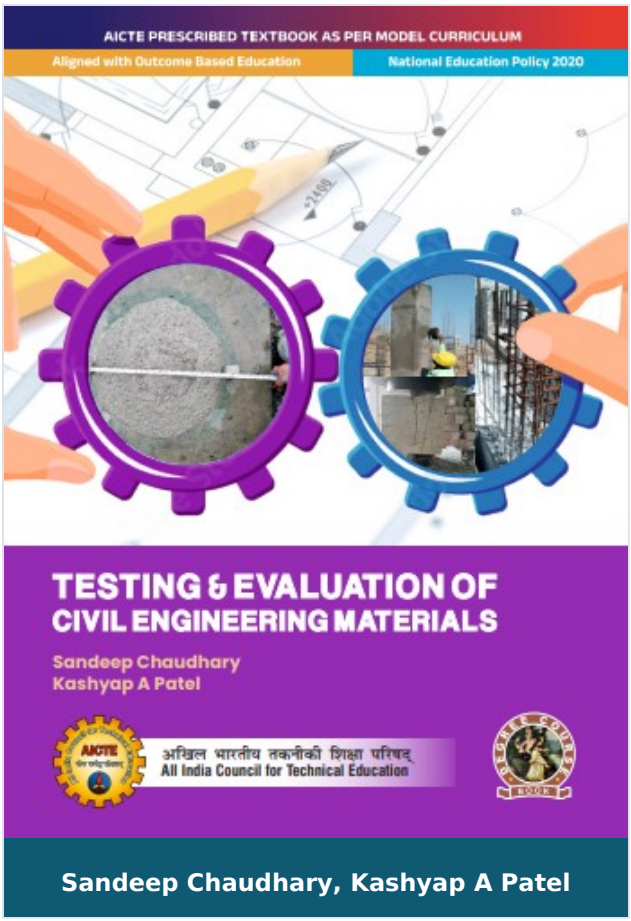
**Saji T. Chacko**

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




# Testing & Evaluation of Civil Engineering Materials

| | |
|---|---|
| **Author :** | Sandeep Chaudhary, Kashyap A Patel |
| **ISBN 13 :** | 978-93-55384-31-7 |
| **ISBN 10 :** | 9355384319 |
| **E-ISBN 13 :** | 978-93-55384-31-7 |
| **Edition :** | First |
| **Pages :** | 196 |
| **Type of book :** | Physical |
| **Year :** | 2026 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 358.00 |
| **Categories :** | AICTE Prescribed Textbooks, English Books, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

### Testing & Evaluation of Civil Engineering Materials

This book contains an introduction to civil engineering materials and an advanced discussion on their testing and evaluation procedure for fourth semester students of undergraduate degree course. Main purpose of the book is to help the students identify suitable civil engineering materials as per their needs, through a systematic testing and evaluation procedure. The book is designed as per syllabus and model curriculum of AICTE and aligned with the theme of outcome-based education according to National Education Policy 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, QR Code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological
- 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.

**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

- 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 Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Introduction to Engineering Materials
- Emerging Civil Engineering Materials
- Introduction to Material Testing
- Standard Testing & Evaluation Procedures
- CO and PO attainment table
- Index


## Author


**Sandeep Chaudhary**

Dr. Sandeep Chaudhary Professor, Department of Civil Engineering Indian Institute of Technology Indore Dr.

**Kashyap A Patel**



**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

Dr. Kashyap A Patel Assistant Professor, Department of Civil Engineering Sardar Vallabhbhai National Institute of Technology, Surat

**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




# Engineering Graphics

| | |
|---|---|
| **Author :** | Sharad K. Pradhan, K. K. Jain |
| **ISBN 13 :** | 978-93-91505-98-1 |
| **ISBN 10 :** | 9391505988 |
| **E-ISBN 13 :** | 978-93-91505-98-1 |
| **Edition :** | First |
| **Pages :** | 352 |
| **Type of book :** | Physical |
| **Year :** | 2022 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 395.00 |
| **Categories :** | AICTE Prescribed Textbooks, Tamil Books, Book Store, Ebooks |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

“ Engineering Graphics” 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.

Book covers six topics- Basic Elements of drawing , Orthographic Projections, Isometric Projections, Free Hand Sketcher of Engineering Elements, Computer Aided Drafting Interface, Computer Aided Drafting. 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 Outcomes, Programs Outcomes and Unit Outcomes.

2. In start of each unit learning outcomes are listed to make the student understand what is expected out of him/ her after completing that unit.

3. Book provides lots of recent information, interesting facts, Codes for E-resources, QR Code for use of ICT, projects, group discussion etc.

4. Student and teacher centric subject materials included in book with balanced and chronological manner.

5. Figures, tables and software screen shots are inserted to improve clarity of the topics.

6. Apart from essential information a ‘Know More’ section is also provided in each unit to extend the learning beyond syllabus.

7. Short questions,  objective questions and long answer exercises are given for practice of students after every chapter.

**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, List of tables Guidelines for Teachers, Guidelines for Students
- Basic Elements of Drawing
- Orthographic Projections
- Isometric Projections
- Free Hand Sketches of Engineering Elements
- Computer Aided Drafting Interface
- Computer Aided Drafting


## Author


**Sharad K. Pradhan**

Sharad K. Pradhan

**K. K. Jain**

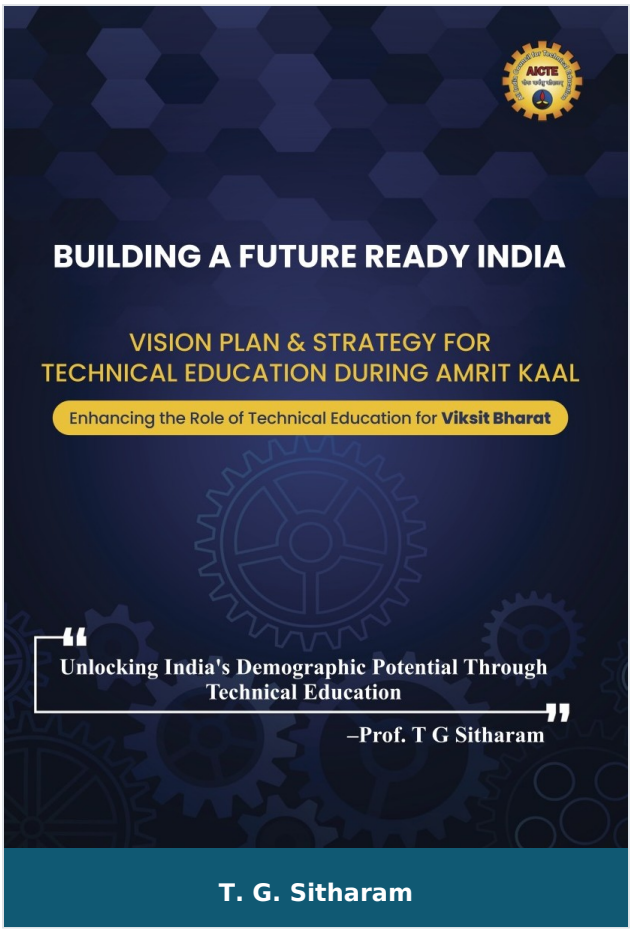
K. K. Jain



**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




# Building a Future Ready India

| | |
|---|---|
| **Author :** | T. G. Sitharam |
| **ISBN 13 :** | 978-93-55386-11-3 |
| **ISBN 10 :** | 9355386117 |
| **E-ISBN 13 :** | 978-93-55386-11-3 |
| **Edition :** | 1 |
| **Pages :** | 88 |
| **Type of book :** | Physical |
| **Year :** | 2025 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 295.00 |
| **Categories :** | New Arrivals, Book Store, Best Sellers, Education & Knowledge Systems |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

In the rapidly evolving landscape of technical education, the year 2047 stands as a pivotal juncture for India. Th is book delves into the transformational journey of technical education over the past few decades, offer insights on vision, plan and strategy for technical education in India, harness the potential of technical education in nation building and foresight into the innovations, challenges, and possibilities that have defined this dynamic era. The significance of technical education has soared to unprecedented heights in the last few years. India envisions a holistic Technical Education System that produces globally competitive skilled technical professionals. With the rise of artificial intelligence, quantum computing and sustainable engineering solutions, a paradigm shift is necessary to impart skill based knowledge and prepare future generations. This book is an attempt to understand the key elements of Technical Education which includes ‘Quality Education, Leveraging Technology, Integration of Skill in Curriculum, Promotion of R&D, Innovation in Pedagogy, Industry- Academia Collaboration etc. Drawing upon the collective wisdom of visionaries, educators, and pioneers in the field, this book endeavors to illuminate the transformative forces shaping technical education. It seeks to inspire educators, students, policymakers, and innovators alike to envision and concreate a future where learning is agile, inclusive, and empowers individuals to thrive in an ever-evolving world.

**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


- Executive Summary.
- Importance of Technical Education.
- Overview of Growth of Technical Education in India.
- Vision for Technical Education in India by 2047.
- Challenges Faced in Technical Education & How to Overcome Them.
- Impact of Technical Education on Achievement of SDG Goals.
- Enhancing Role of Govt. & Technical Education in Nation Building.
- Best Practices in Technical Education from Around the World.
- Need for Curriculum Reform & Building Robust Research Ecosystem.
- Enhancing Quality of Technical Education through Accreditation and Quality Assurance.
- Attracting and Retaining Talented Faculty for Technical Education.
- Developing Skilled & Job-Ready Workforce through Technical Education.
- Addressing Issues of Equity, Diversity, and Inclusion in Technical Education.
- Leveraging Technology to Enhance Teaching and Learning in Technical Education.
- Importance of Industry-Academia Collaboration in Technical Education.
- Promoting Entrepreneurship and Start-up Culture through Technical Education.
- Building a Global Reputation for Technical Education in India.
- Role of NGOs, Private Sector in Technical Education in India.
- Leveraging Digital Platforms to Enhance Technical Education.
- Developing Sustainable Infrastructure for Technical Education in India.
- Strengthening Technical Education in Emerging Fields such as AI, IoT, Robotics, Cyber security, Quantum computing, Data analytics, UI/UX.
- Bridging the Skill Gap through Apprenticeship and Internship Program.


**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

- Role of Incubation Centers & Accelerators in Supporting Start-ups.
- Innovation in Pedagogy & Assessment Techniques for Technical Education.
- Enabling Entrepreneurial Mindset through Technical Education.
- Th e Role of Mentorship and Career Guidance in Technical Education.
- Developing Institutional Autonomy for Technical Education in India.
- Th e Need for Multi-Sectoral Partnerships for Technical Education.
- Building a Culture of Research and Innovation in Technical Education Institutions.
- Addressing the Challenges of Rural Technical Education in India.
- Importance of Financial Aid and Scholarships in Technical Education.
- Addressing Needs of Differently-Abled Students in Technical Education.
- Importance of Soft Skills & Higher Order Th inking Skills.
- Addressing the Challenges of Online and Hybrid Technical Education.
- Effective Monitoring & Evaluation Framework for 2047 Strategy.
- Various Initiatives of All India Council for Technology for the betterment of Students.
- Technical Education Action Plan.
- Glimpses of AICTE Activities in 2023.
- Action Plan For Technical Education in Amritkaal.
- Conclusion.
- About the Author.


## Author

**T. G. Sitharam**

T. G. Sitharam is a civil engineer, professor at IISc Bangalore, former director at IIT Guwahati. Currently, he is serving as Chairman of the All India Council for Technical Education, (AICTE) from 1 December 2002 onwards. He is known for his works in the fields of rock mechanics, rock engineering geotechnical earthquake engineering. He is an

**Khanna Publishing House**

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

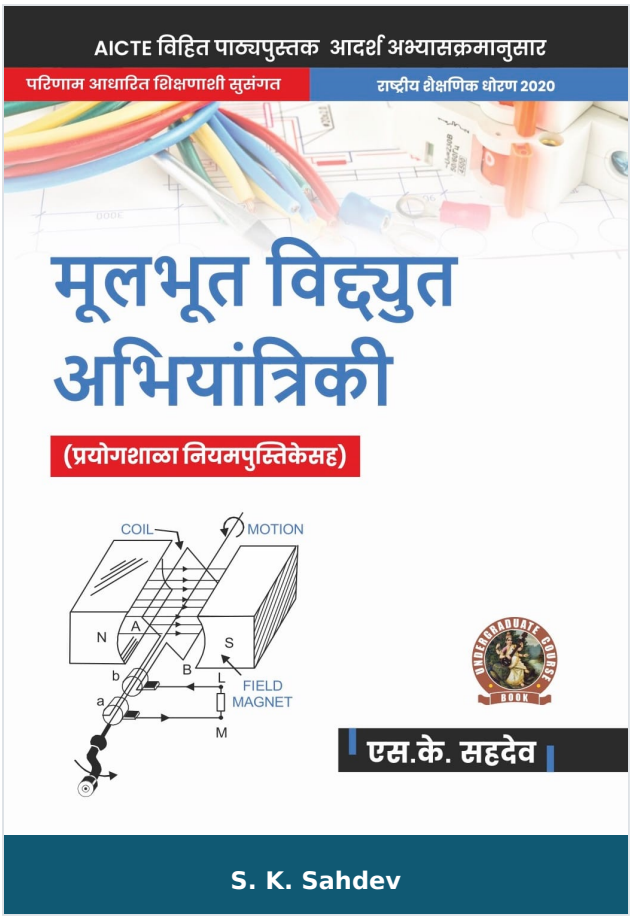
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

elected fellow of Indian Geotechnical Society, Institution of Engineers (India) and American Society of Civil Engineers.

**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




# Basic Electrical Engineering (with Lab Manual)

| | |
|---|---|
| **Author :** | S. K. Sahdev |
| **ISBN 13 :** | 978-93-55380-23-4 |
| **ISBN 10 :** | 9355380232 |
| **E-ISBN 13 :** | 978-93-55380-23-4 |
| **Edition :** | First |
| **Pages :** | 412 |
| **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 |

## Product Description

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

**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 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**

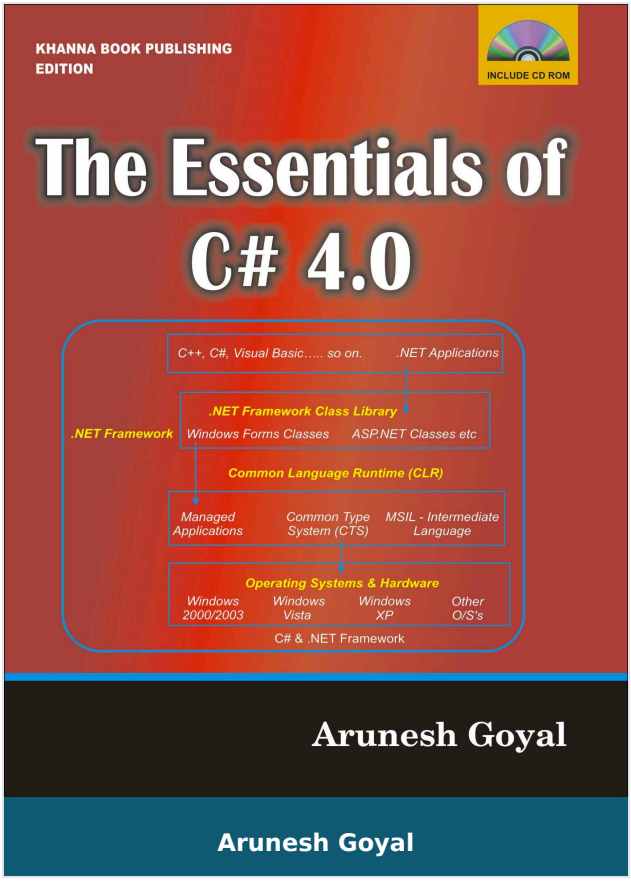
S. K. Sahdev



**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




# The Essentials of C# 4.0

| | |
|---|---|
| **Author :** | Arunesh Goyal |
| **ISBN 13 :** | 978-93-81068-47-2 |
| **ISBN 10 :** | 938106847X |
| **E-ISBN 13 :** | 978-93-81068-47-2 |
| **Edition :** | First |
| **Pages :** | 400 |
| **Type of book :** | Physical |
| **Year :** | 2013 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 295.00 |
| **Categories :** | Computer Science Engineering, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

There are 10 case students in all pertaining to wide ranging topics. These will help you to see the practical side of applying C# in the real world and understand the theoretical subject matter of the text much better. Besides, there are more than 100 solved examples to help you out. The appendix carries a set of 35 typical problems which you will do will to your hand at in your one interest besides taking up the practical sessions affixed at the end of each chapter, In all these amount to 150 practical problems and exercises. we are confident that if you can solve all these problems on your one, you will be on your way to mastering C#. The glossary and the index section are for your ready reference. The glossary, in particular, has been designed so that you are able to understand much of the computer jargon associated with C# and the .NET environment in a big way.

**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


- Getting Started with C#
- Classes, Objects and Methods
- Operator Overloading
- Indexers and Properties
- Inheritance / Polymorphism
- Interfaces, Structures and Enumerations
- Exception Handling
- I/O Strings and Formatting
- Appendix
- Glossary


## Author

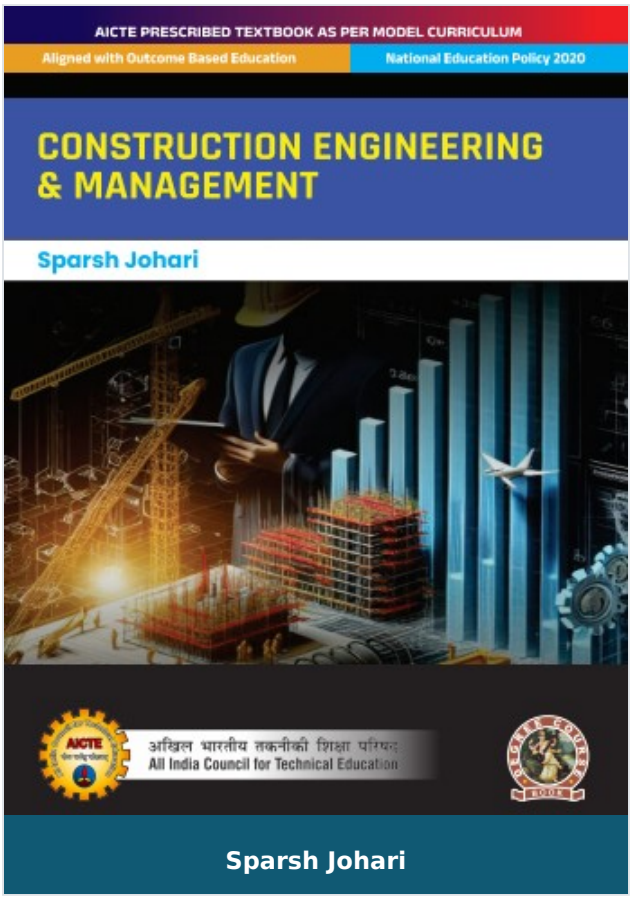
**Arunesh Goyal**

Arunesh Goyal is a topper from University of Delhi {B.Sc. (H) Mathematics: Kirorimal College. North Campus}. He has been personally awarded by Mr. Amitabh Bachchan. He is also a First Division MCA degree holder from the same university. Besides, he has worked as Computer Analyst/Consultant at St. Stephen's Hospital, Delhi for more than 10 years. This underlines his extensive programming and systems development experience. Besides, he has worked on two projects related to intelligent databases with Comtech International Ltd., Noida. and the Times of India, New Delhi, respectively.

**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




# Construction Engineering & Management

| | |
|---|---|
| **Author :** | Sparsh Johari |
| **ISBN 13 :** | 978-93-55385-30-7 |
| **ISBN 10 :** | 9355385307 |
| **E-ISBN 13 :** | 978-93-55385-30-7 |
| **Edition :** | First |
| **Pages :** | 308 |
| **Type of book :** | Physical |
| **Year :** | 2026 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 548.00 |
| **Categories :** | AICTE Prescribed Textbooks, English Books, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

### Construction Engineering & Management

“Construction Engineering & Management” is a field that encompasses the planning, design, construction, and management of infrastructure projects. This book typically covers various topics relevant to the construction work. It includes introduction to construction materials, methods, and techniques commonly used on construction sites. In addition, concepts such as scheduling, cost estimation, resource allocation, risk management, safe working environment, and quality control are also included.

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.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and photographs are inserted to improve clarity of the topics.
- Question are given for practice of students after every chapter.
- Solved numerical problems are illustrated in the chapters.

**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 Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- BASICS OF CONSTRUCTUIN CONSTRUCTION PROJECT PLANNING
- CONSTRUCTUIN METHODS BASICS
- CONSTRUCTION EQUIPMENT BASICS
- PLANNING AND ORGANISING CONSTRUCTION SITE AND RESOURCES
- PROJECT MONITORING AND CONTROL
- CONTRACTS MANAGEMENT BASICS
- CONSTRUCTION COSTS
- APPENDICES
- REFERENCES FOR FURTHER LEARNING
- CO AND PO ATTAINMENT TABLE
- 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

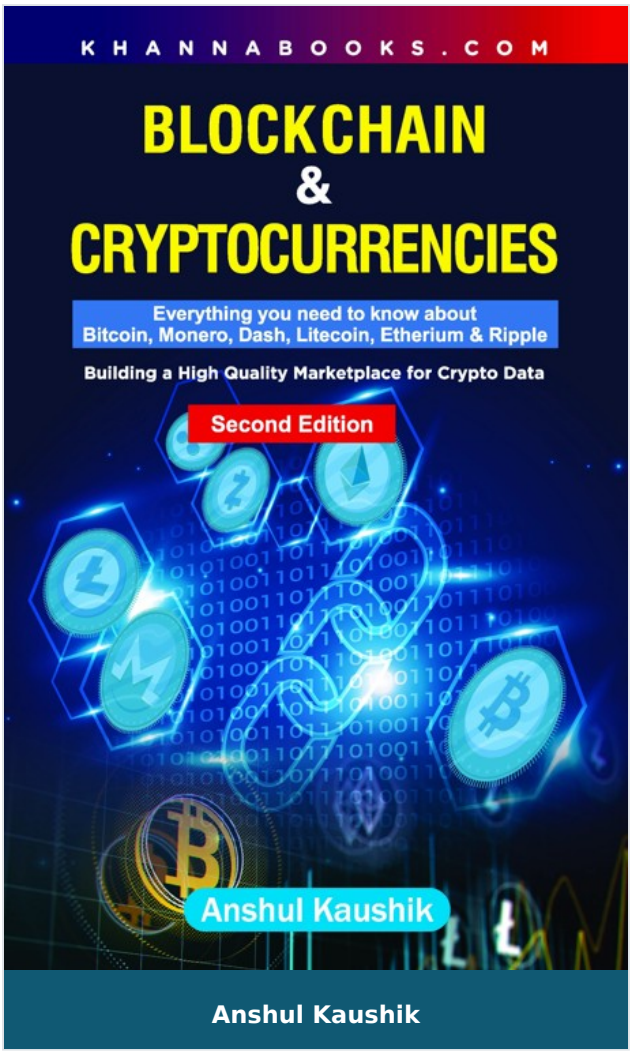
**Sparsh Johari**

Dr. Sparsh Johari Assistant Professor Department of Civil Engineering, Indian Institute of Technology Guwahati, Assam

**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




Anshul Kaushik

# Block Chain & Crypto Currencies

| | |
|---|---|
| **Author :** | Anshul Kaushik |
| **ISBN 13 :** | 978-93-86173-72-0 |
| **ISBN 10 :** | 9386173727 |
| **E-ISBN 13 :** | 978-93-86173-72-0 |
| **Edition :** | Second |
| **Pages :** | 136 |
| **Type of book :** | Physical |
| **Year :** | 2024 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 155.00 |
| **Categories :** | Computer Science Engineering, Emerging Technologies, 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 book is the author's attempt to peep into the world of Block Chain & Crypto Currencies without getting into complex algorithms and mathematics. Both the technical and the transactional aspects are explained with help of simple metaphors for all classes of readers. For curious readers who frequently encounter "Bit Coin", "Block Chain" & Crypto Currencies" in their daily lives without a clue, this book can be considered as an authentic introductory text. Prospective investors can find this book useful in making decisions for choosing a suitable currency for investments. Readers who have already invested will find enough literature to understand the technical and functional aspects of resources for its readers to explore. This text also introduce readers with other popular crypto currencies Monero, DASH, Lite Coin, Etherium & Ripple.

**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


- PART ONE: Fundamentals
- Block Chain Technology & Bit Coin Beginnings
- Working of Conventional Money Market & Why do we need the Concept of Block Chain & Crypto currency
- Evolution: Crypto Graphy, Cypher Punk
- Financial Crisis of 2018
- Computer Architecture's
- Forks & Open Source Technology
- PART TWO: Block Chain
- Block Chain Introduction
- Block Chain Structure
- Core Concepts of Block Chain Cryptography, Hashing Function & Merkle Tree
- Proof of Work & Consensus in Block Chain
- Benefits of Block Chain Technology
- Block Chain & World Economy
- Block Chain Earning Mechanisms
- PART THREE: Bit Coin
- Introduction to Bit Coin
- Mining & Mining Pools
- Bit Coin Wallets
- Bit Coin Selling Buying & Exchanges (Bit Coin Trading)
- Transition From Bit Coin to Coin Cash
- PART FOUR: Other Crypto Currencies


**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

- DASH
- Lite Coin (LTC)
- Etherium, Ripple & Monero
- PART FIVE: Laws, Legislations & Other Uses
- Legal Aspects & Tax Laws
- Other Uses of Crypto Currency and Block Chain Technology
- PART SIX: How To's Practical Application
- Creating Wallet & Personalization Bit Coin Address
- Creating a DASH Wallet
- Creating a Lite Coin Wallet - Electrum
- How to Join a Bit Coin Mining Pool
- PART SEVEN: Tables & Appendix
- APPENDIX-I: Important Websites
- APPENDIX-II: White Paper Satoshi Nakamoto Bit Coin: A Peer-to-Peer Electronic Cash System
- APPENDIX-III: QR Codes
- APPENDIX-IV: Glossary


## Author

**Anshul Kaushik**

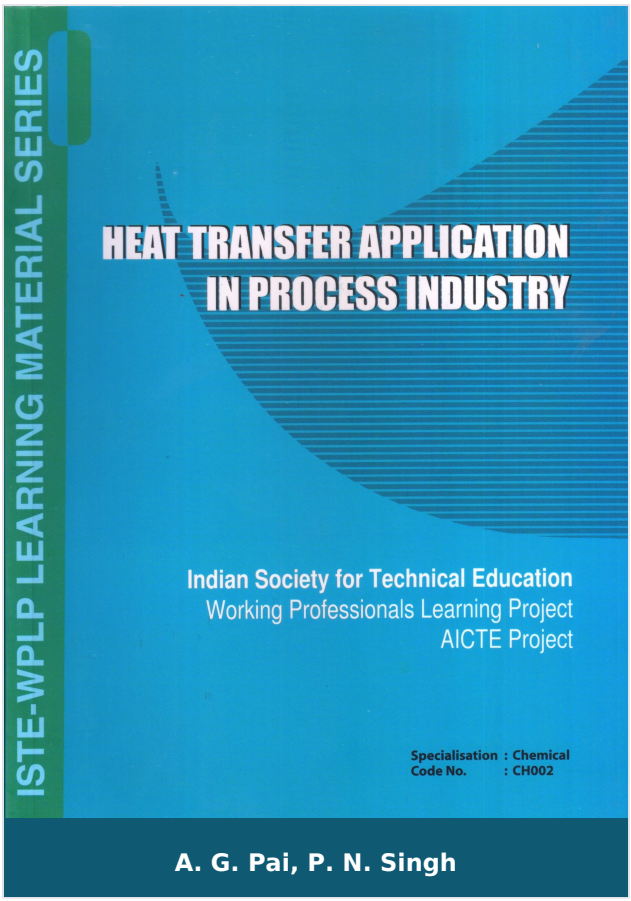
Anshul Kaushik is a computer science graduate and holds MCSE, CCNA, AIX and CEH certifications. He has acquired strong knowlwdge in Network Security, Windows and UNIX Platforms. His topics of interest include penetration testing, includent reports, security profile generation, counter attacks technology and got honored with "Original Mind Award 2002" by minister of information technology for excellence in science and technology. He was also awarded by intel in the Talent Discovery and magazines is his hoppy. He is currently working in IT department of Honda Siel Cars, India as a security specialist and

system administrator. He had also worked for different companies as a security advisor and IT specialist. He can be contacted by email:akaushik@rogers.com

**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




# Heat Transfer Application in Process Industry

| | |
|---|---|
| **Author :** | A. G. Pai, P. N. Singh |
| **ISBN 13 :** | 978-93-55387-98-1 |
| **ISBN 10 :** | 9355387989 |
| **E-ISBN 13 :** | 978-93-55387-98-1 |
| **Edition :** | 1 |
| **Pages :** | 156 |
| **Type of book :** | Physical |
| **Year :** | 2006 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 225.00 |
| **Categories :** | Chemical Engineering, Book Store, ISTE 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

Heat transmission is very common and familiarly occurs in our daily life, so much that we tend to accept the process for granted and only think of its glaring manifestations and effects. We use our physical intuition to interpret thermal phenomena, and our reactions to hot and cod substances or the environment becomes voluntary. However, when heat transmission is considered from a quantitative point of view, it becomes quite clear that mechanism of heat transfer and their operations in a given system are not so trivial. Though there is evidence of use of fire by cave men about half a million years ago, yet only in relatively recent times the people have understood that heat is a form of energy in transit and that temperature is a measure of that energy present in a body. The importance of intelligent and judicious use of heat energy has been understood only recently when people have realized that source of heat energy such as coal, gas, and oil are not sufficient to sustain the economic development of the modern society.

Energy saved is energy generated. Process industries being leading consumers of heat energy, it is imperative on the part of the Managers of Process industries, to take all possible steps to minimize the wasteful use of this scarce resource. The text is intended to provide a good understanding of the basic concepts of heat transfer and enhance the skills of the operators and engineers running not only process industries using heat transfer equipment. It is targeted towards the working professionals who area diploma holders in engineering and graduates in science/engineering manning process industries. Emphasizing focuses upon, the ability to run heat transfer equipments efficiently, by bringing heat loss to unavoidable level.

**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


- A. G. Pai
- A. G. Pai
- P. N. Singh
- P. N. Singh


## Author

**A. G. Pai**

Mr. A. G. Pai, is presently the General Manager (Projects) at Mangalore Refinery and Petrochemicals Ltd. Mangalore. He received his B. E. in Chemical Engineering from National Institute of Technology Karnataka (formerly known as K. R. E. C.), Surathkal and P. G. Diploma in Business Management. He has overs 25 years of industrial experience in running mega industrial trainings in various countries like USA, Germany, France, UK, and Malasytsia. The author is deeply indebted to his mother and all his teachers who have been the source of inspiration in his life. Dr.

**P. N. Singh**

Dr. P. N. Singh is the Director (Retired), National Institute of Technology Karnataka, Surathkal. He is basically a Chemical Engineer and has over decades of experience in teaching and research related to processes industries. The coauthor, Mr. S. R. Bhat, is presently working as Group General Manager (Instrumentation) at Mangalore Refinery and Petrochemicals Limited, Mangalore. He graduate in Chemical Engineering from Indian Institute of Technology, Chennai. Atomic Research centre, for seven years. Later he worked for Humphreys and Glasgow Consultants, for three years. He ha also worked for Uhde India Limited, for seven years. For the last sixteen years, he has been working for Mangalore Refinery and Petrochemicals in various capacities. He has introduced many

**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

innovative ideas in running the process plants, particularly in the areas of instrumentation and control.

**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