



## Engineering Graphics

|                         |                                                                                 |
|-------------------------|---------------------------------------------------------------------------------|
| <b>Author :</b>         | Sharad K. Pradhan, K. K. Jain                                                   |
| <b>ISBN 13 :</b>        | 978-93-55381-87-3                                                               |
| <b>ISBN 10 :</b>        | 9355381875                                                                      |
| <b>E-ISBN 13 :</b>      | 978-93-55381-87-3                                                               |
| <b>Edition :</b>        | 1                                                                               |
| <b>Pages :</b>          | 336                                                                             |
| <b>Type of book :</b>   | Physical                                                                        |
| <b>Year :</b>           | 2025                                                                            |
| <b>Language :</b>       | English                                                                         |
| <b>Publisher :</b>      | Khanna Publishing House                                                         |
| <b>M.R.P :</b>          | Rs 295.00                                                                       |
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| <b>Condition Type :</b> | New                                                                             |
| <b>Country Origin :</b> | India                                                                           |

## Product Description

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“ 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.

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

## Table Of Contents

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- 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

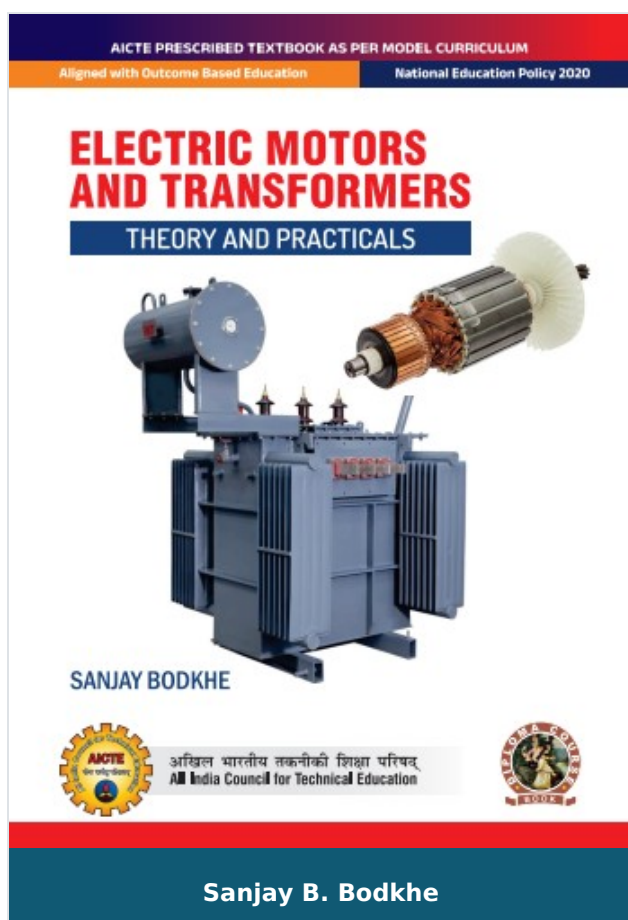
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**Sharad K. Pradhan**

Sharad K. Pradhan

**K. K. Jain**

K. K. Jain



## Electric Motors and Transformers (Theory and Practicals)

**Author :** Sanjay B. Bodkhe

**ISBN 13 :** 978-93-55388-45-2

**ISBN 10 :** 9355388454

**E-ISBN 13 :** 978-93-55388-45-2

**Edition :** First

**Pages :** 332

**Type of book :** Physical

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**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 612.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

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### **Electric Motors and Transformers (Theory and Practicals)**

This book gives detailed information about the dc motors and the transformers that are considered as a workhorse of industry and heart of power system respectively. Although the modern industrial trend is to use ac motors and the electronically switched motors, the dc motors are still considered as a highly reliable and highly controllable alternative. Transformer is a device which finds an unavoidable application not only in transmission and distribution of ac power, but also in electronic and communication circuits. In this book, every concept is explained in the simplest possible way with maximum number innovative diagrams and examples. Wherever possible, photographs of real systems are provided. Laboratory experiments based on the theory are given at the end of every unit. Although this book is written for the students of diploma level program, it will prove to be useful to undergraduate engineering students as well. The content of this book is as per the syllabus of AICTE and is aligned with outcome-based education as per the National Education Policy (NEP)2020.

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, illustrations, exercise, experiments. Student centric subject materials included in book with balanced and chronological manner.
- 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 are provided in each unit.

## 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
- DC Generator
- Direct current motor
- Single Phase transformers
- Three phase transformers
- Special purpose transformers
- Co and Po Attainment Table
- Index

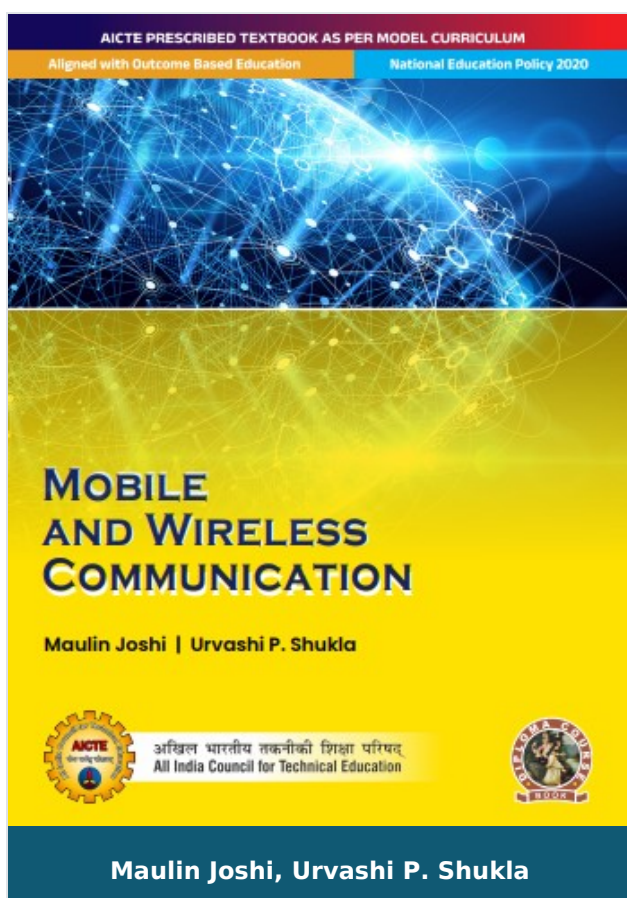
## Author

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**Sanjay B. Bodkhe**

Dr. Sanjay B. Bodkhe Professor in Electrical Engineering and Registrar, RAMDEOBABA UNIVERSITY





## Mobile and Wireless Communication

**Author :** Maulin Joshi, Urvashi P. Shukla

**ISBN 13 :** 978-93-55388-10-0

**ISBN 10 :** 9355388101

**E-ISBN 13 :** 978-93-55388-10-0

**Edition :** First

**Pages :** 192

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**Publisher :** Khanna Publishing House

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[English Books, Book Store](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

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### Mobile and Wireless Communication

This text book on Mobile and Wireless Communication provides foundation of the subject to the reader. It familiarizes readers to evolution of wireless communication, system design, system capacity, knowledge of wireless propagation, diversity issues, spread spectrum, CDMA, OFDM and LTE in context of mobile wireless systems 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 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 step wise solved numerical are included in the book.

## 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
- Cellular System: Overview and Fundamentals of design concepts
- Mobile wireless propagation
- Diversity, Capacity and MIMO Systems
- Overview of CDMA, OFDM and LTE
- CO and PO Attainment Table
- Index

## Author

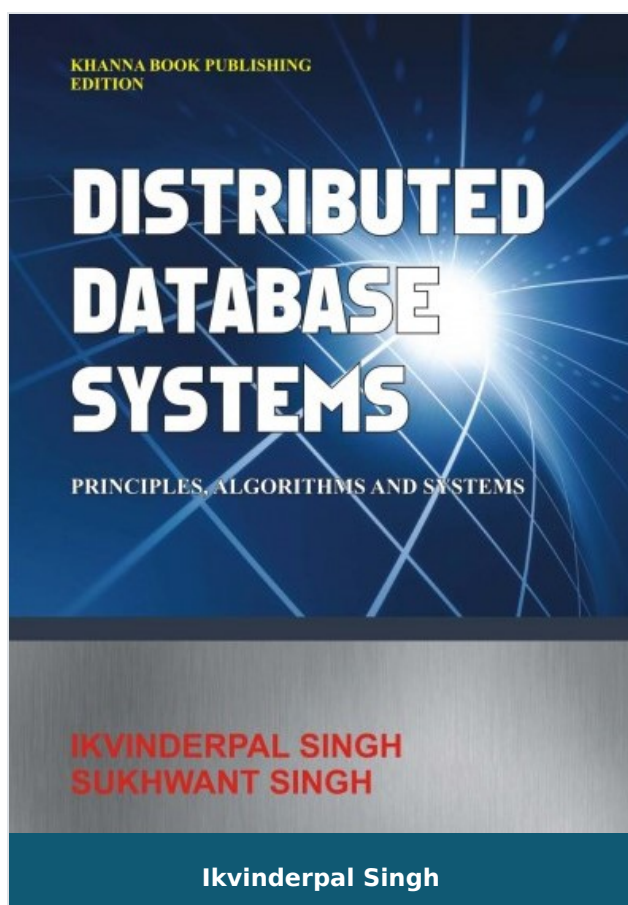
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### **Maulin Joshi**

Dr. Maulin Joshi Professor, Sarvajanik University Dr.

### **Urvashi P. Shukla**

Dr. Urvashi P. Shukla Assistant Professor, Banasthali Vidyapith



## Distributed Database Systems

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| <b>Author :</b>         | Ikvinderpal Singh                                                           |
| <b>ISBN 13 :</b>        | 978-93-81068-16-8                                                           |
| <b>ISBN 10 :</b>        | 938106816X                                                                  |
| <b>E-ISBN 13 :</b>      | 978-93-81068-16-8                                                           |
| <b>Edition :</b>        | 1                                                                           |
| <b>Pages :</b>          | 500                                                                         |
| <b>Type of book :</b>   | Physical                                                                    |
| <b>Year :</b>           | 2015                                                                        |
| <b>Language :</b>       | English                                                                     |
| <b>Publisher :</b>      | Khanna Publishing House                                                     |
| <b>M.R.P :</b>          | Rs 395.00                                                                   |
| <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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This book is meant for a wide range of readers, especially college and university students wishing to learn basic as well as advanced processes and techniques of distributed database system. It is intended for those who are professionally interested in having an up-to date view of distributed data processing, including, for example, students and teachers of course in computer science, researchers, system managers, application designers, analysts and programmers. A distributed database system is , in brief an integrated database which is built on top of a computer network rather than on a single computer. The data which constitute the database are stored at the different sites of the computer network. And the application programs which are run by the computers access data at different sites. Modern aspects of distributed database systems have been introduced from the first principles and discussed in an easy manner, so that a beginner can grasp the concepts of disturbed database, its design and architecture level, distributed query processing and optimization, distributed transaction management, distributed concurrency control and reliability, distributed deadlock management, distributed recovery and security management, etc. Each chapter contains solved example problems and exercise problems.

## Table Of Contents

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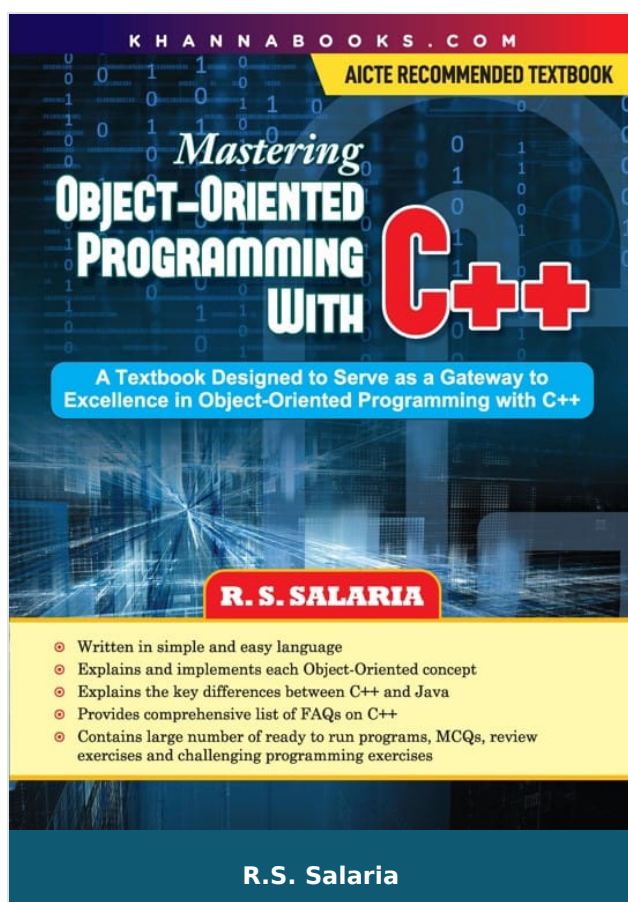
- Distributed Database Concepts
- Distributed Database Design
- Distributed Database System Architecture
- Distributed Query Processing
- Distributed Query Optimization
- Distributed Transaction Management
- Distributed Concurrency Control
- Distributed Deadlock Management
- Distributed Recovery Management
- Distributed Database Administration

## Author

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### **Ikvinderpal Singh**

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.



## Mastering Object-Oriented Programming With C++

|                  |                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------------|
| Author :         | R.S. Salaria                                                                                                    |
| ISBN 13 :        | 978-93-82609-39-1                                                                                               |
| ISBN 10 :        | 9382609393                                                                                                      |
| E-ISBN 13 :      | 978-93-82609-39-1                                                                                               |
| Edition :        | 6                                                                                                               |
| Pages :          | 488                                                                                                             |
| Type of book :   | Physical                                                                                                        |
| Year :           | 2024                                                                                                            |
| Language :       | English                                                                                                         |
| Publisher :      | Khanna Publishing House                                                                                         |
| M.R.P :          | Rs 450.00                                                                                                       |
| Categories :     | <a href="#">Computer Science Engineering, UNIVERSITY RECOMMENDED, Computer Science Engineerings, Book Store</a> |
| Condition Type : | New                                                                                                             |
| Country Origin : | India                                                                                                           |

## Product Description

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The C++ Programming Language is one of the popular programming language that support object-oriented programming in addition to procedural programming. All major IT companies are using C++ language as their preferred language in implementing substantial number of projects using object-oriented technology. To fulfill the requirement of these companies, all universities/institutions offering various courses on programming with C++ in their curriculum. This book is designed as a textbook for the students taking these courses. Throughout the book the level of presentation is kept simple and illustrative so that even and average reader can grasp the subject matter with quite ease practically this book will provide you everything you need on object-oriented programming with C++.



## Table Of Contents

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- Introduction to Object-Oriented Programming
- Migrating form C to C++
- Standard Input/Output
- Classes and Objects
- Pointers and Dynamic Memory Management
- Constructors and Destructors
- Overloading and Type Conversion
- Inheritance
- Virtual Functions and Polymorphism
- Exception Handling
- Templates and Generic Programming
- File Handling
- Introduction to Standard Template Library (STL)
- Appendix
- Glossary
- Index

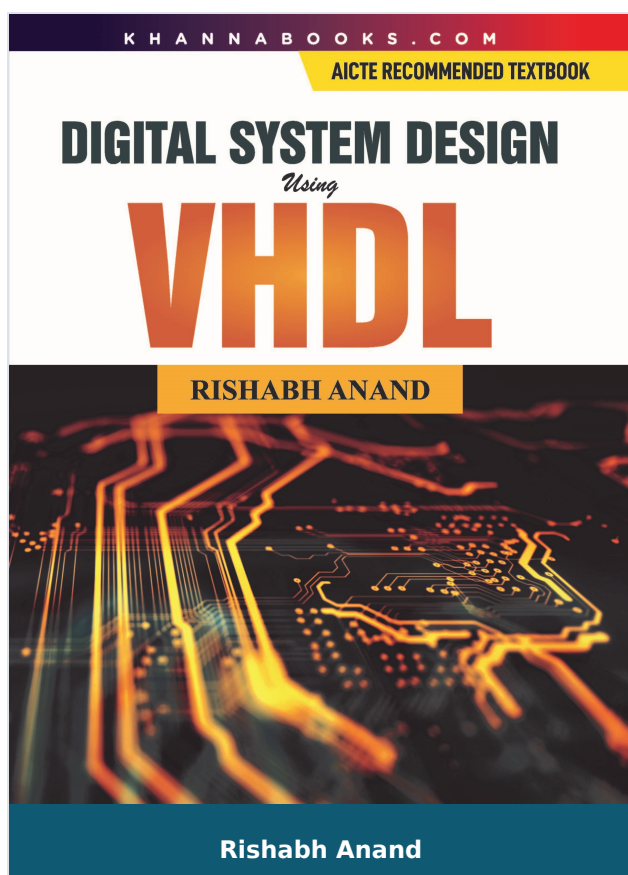
## Author

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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>



## Digital System Design Using VHDL

|                  |                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------|
| Author :         | Rishabh Anand                                                                                                          |
| ISBN 13 :        | 978-93-81068-78-6                                                                                                      |
| ISBN 10 :        | 938106878X                                                                                                             |
| E-ISBN 13 :      | 978-93-81068-78-6                                                                                                      |
| Edition :        | 1                                                                                                                      |
| Pages :          | 348                                                                                                                    |
| Type of book :   | Physical                                                                                                               |
| Year :           | 2023                                                                                                                   |
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| Publisher :      | Khanna Publishing House                                                                                                |
| M.R.P :          | Rs 529.00                                                                                                              |
| Categories :     | <a href="#">Computer Science Engineering,</a><br><a href="#">UNIVERSITY RECOMMENDED,</a><br><a href="#">Book Store</a> |
| Condition Type : | New                                                                                                                    |
| Country Origin : | India                                                                                                                  |

## Product Description

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The book covers the complete syllabus of subject as suggested by most of the universities in India. Generic VHDL code is taught and used through out the book so that different companies. VHDL tools can be used if desired. Moving from the unknown in a logical manner. Subject matter in each chapter develops systematically from inceptions. Large number of carefully selected worked examples in sufficient details. No other reference is required. Ideally suited for self-study.

## Table Of Contents

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- Introduction to VHDL
- VHDL Statements
- Combinational Circuit Design
- Sequential Circuit
- Specification And Implementation Of A Microcomputer
- Introduction To Programmable Logic Devices
- VHDL Programs
- Frequently Asked Questions
- Appendix

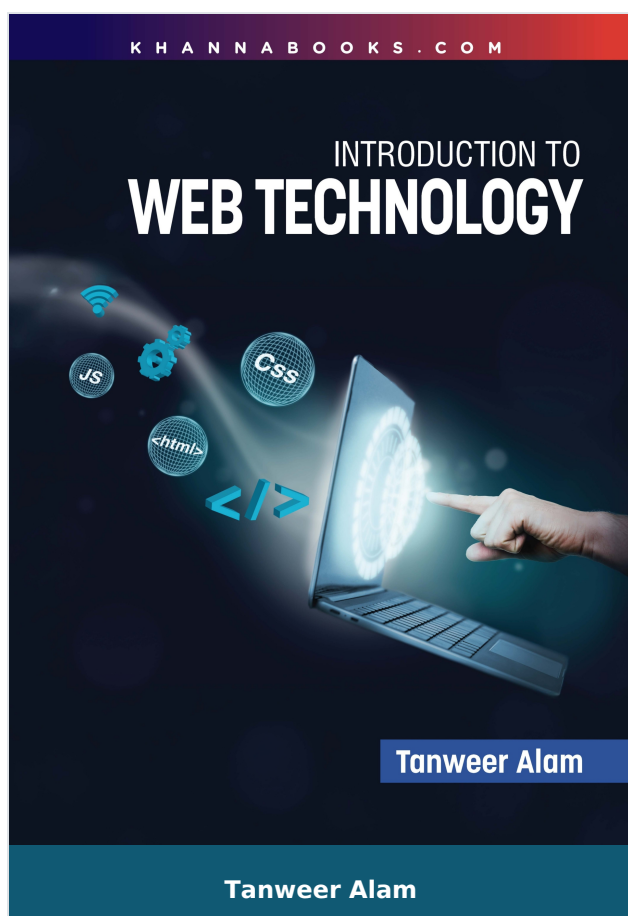
## Author

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### **Rishabh Anand**

Rishabh Anand received his Bachelor's degree B.E (Hons) in Electronics and Communication Engineering from Maharishi Dayanand University, Rohtak in 2006. The author is M.Tech. in Electronics and Communication Engineering from Veer Bahadur Singh Purvanchal University, Jaunpur in 2014, and MBA from Indian Institute of Management, Kozhikode in 2016. The Author is Program Diploma in Innovation Management from International Business Management Institute, Germany (Berlin) in 2020. The author has contributed to research publications in refereed, cited International Conferences and Journals, and attended many conferences, workshops, FDPs, and seminars. Also, he is the reviewer member of IJSDR Journal. He is a prolific author with 34 Text and Reference books to his credit, for B. Tech. (ECE/CSE/IT), M.Tech. (ECE/CSE/IT), BCA, MCA, and other courses of different Universities of India and overseas. His areas of interest include Software Project Management, Cloud Computing, Deep Learning, Tensor Flow, Python, R

Programming and Machine Learning. He is currently working in ITES industry as a Global Service Delivery Manager. He is Project Management Professional (PMP)®, ITIL® Foundation Certificate in IT Service Management, PRINCE2® Practitioner Certification - Project Management, ScrumMaster® (CSM®), Certified Six Sigma White Belt (CSSWB™), Lean Six Sigma White Belt Certified (LSSWBC™) and Certified Six Sigma Green Belt™ (CSSGB™). The author delivers lectures as Visiting Faculty (Assistant Professor) in the Global Institute of Technology and Management, Farrukh Nagar, Gurgaon.



## Introduction to Web Technology

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| <b>Author :</b>         | Tanweer Alam                                                                |
| <b>ISBN 13 :</b>        | 978-93-80016-86-3                                                           |
| <b>ISBN 10 :</b>        | 9380016867                                                                  |
| <b>E-ISBN 13 :</b>      | 978-93-80016-86-3                                                           |
| <b>Edition :</b>        | 1                                                                           |
| <b>Pages :</b>          | 510                                                                         |
| <b>Type of book :</b>   | Physical                                                                    |
| <b>Year :</b>           | 2025                                                                        |
| <b>Language :</b>       | English                                                                     |
| <b>Publisher :</b>      | Khanna Publishing House                                                     |
| <b>M.R.P :</b>          | Rs 695.00                                                                   |
| <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 Internet provides new opportunities for any individual or organization in the world. It represents a low cost opportunity for business to promote their products and services world wide. The internet is a global data communications system. It is a hardware and software infrastructure that provides connectivity between computers. The web is one of the services communicated via the internet. web applications are using web technologies such as web browsers and web servers. Java allow you to play online games, chat with people around the world. It is also integral to the intranet applications and other e-business solutions that are the foundation of corporate computing. Web Technologies definitely has a future in teaching and research, as well as web development. The objective of this book is to promote that future by spreading the use of the web technologies as widely as possible.



## Table Of Contents

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- Web Development
- HTML
- XML
- Java Script
- Java: Getting Start
- Java Language Basics
- Object Orientation
- Applet Programming
- Abstract Window Toolkit
- Graphics Programming
- Java Beans
- Swing Programming
- Java Servlets
- Java Server Pages
- Working with Database
- Developing Java Beans in JSP Page
- Introduction to Struts Frameworks

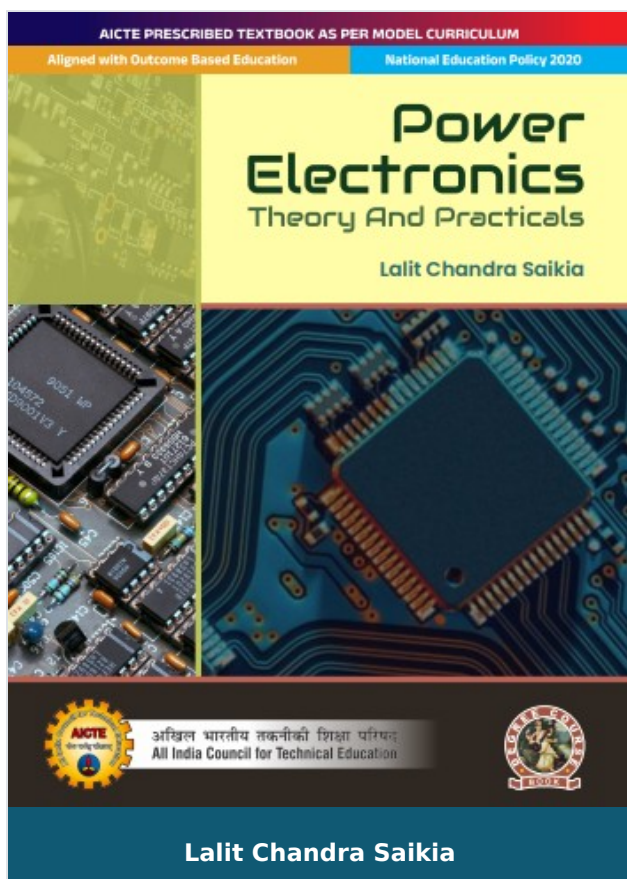
## Author

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### Tanweer Alam

Tanweer Alam has an experience of more than seven years in the Teaching field. Currently, He is working at MCA Department, Meerut Institute of Engineering and Technology, Meerut. He has got his MCA Degree in 2003 from UP Technical University, Lucknow, UP. He has got his Master Degree in Mathematics in 2000 from CCS University,

Meerut, UP. He has got his MPhil Degree in Computer science in 2007 from MKU, Madurai. He is also MTech in IT and currently, He is doing PhD in Computer Science & Engineering. He presents more than thirty research papers in various reputed national/international Conferences/Journal.



## Power Electronics: Theory and Practicals

**Author :** Lalit Chandra Saikia

**ISBN 13 :** 978-93-55385-95-6

**ISBN 10 :** 9355385951

**E-ISBN 13 :** 978-93-55385-95-6

**Edition :** First

**Pages :** 328

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 598.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

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### Power Electronics: Theory and Practicals

This book serves as an essential resource for students and professionals in Electrical Engineering. Starting with the basics of semiconductor technology, the book gradually introduces the basics of power electronics covering construction, principle of operations, various characteristics of power transistors and thyristors, SCR turned-on and turned-off methods, and industrial control circuits using power electronics. All are grouped in separate units. The subject matters are presented constructively so that an electrical engineering degree prepares students to work in different sectors at the very forefront of technology. Laboratory experiments on the basics of power electronics as recommended by AICTE are included in the units.

### Salient Features:

- Detailed alignment of content with Course Outcomes, Program Outcomes, and specific Unit Outcomes.
- The contents of each Unit are as per the syllabus of second-year undergraduate.
- The book is enriched with up-to-date information, important facts, and QR codes linking to valuable E-resources.
- A balance of student and teacher-centric materials, presented in an orderly chronological format.
- The book is enriched with numerous solved problems in every unit for proper understanding of the related topics.
- Laboratory experiments on the basics of power electronics are presented at the end of each Unit.
- Extensive use of figures and tables enhances understanding of the topics and the concept.

- The 'Know more' section in each unit encourages exploration beyond the standard syllabus.
- A variety of exercises including short questions, objective-type questions, and numerical problems, are provided at the end of each chapter.

## Table Of Contents

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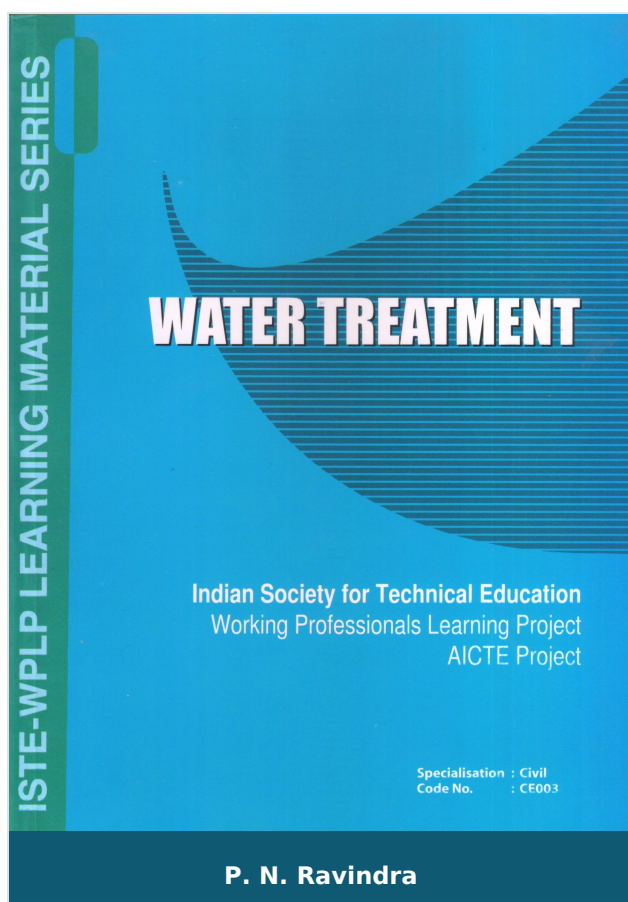
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- Contents
- Power electronic devices
- Thyristor family devices
- Turn-on and turn-off methods of thyristors
- Phase controlled rectifiers
- Industrial control circuits
- Appendices
- References for further learning
- Dynamic QR codes for further reading
- CO and PO attainment table
- Index

## Author

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**Lalit Chandra Saikia**

Dr. Lalit Chandra Saikia Associate Professor National Institute of Technology Silchar,  
Assam Dr.



## Water Treatment

|                         |                                                            |
|-------------------------|------------------------------------------------------------|
| <b>Author :</b>         | P. N. Ravindra                                             |
| <b>ISBN 13 :</b>        | 978-93-55389-22-0                                          |
| <b>ISBN 10 :</b>        | 9355389221                                                 |
| <b>E-ISBN 13 :</b>      | 978-93-55389-22-0                                          |
| <b>Edition :</b>        | 1                                                          |
| <b>Pages :</b>          | 272                                                        |
| <b>Type of book :</b>   | Physical                                                   |
| <b>Year :</b>           | 2006                                                       |
| <b>Language :</b>       | English                                                    |
| <b>Publisher :</b>      | Khanna Publishing House                                    |
| <b>M.R.P :</b>          | Rs 388.00                                                  |
| <b>Categories :</b>     | <a href="#">Civil Engineering, Book Store, ISTE Series</a> |
| <b>Condition Type :</b> | New                                                        |
| <b>Country Origin :</b> | 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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Water works engineers should be aware of the wider issues concerning the principles of wastewater treatment. This in turn requires not only good design engineering, but also better working knowledge of the system. In this context, this book will make a significant contribution for enhancing knowledge from basics to the advancement in the field of wastewater treatment.

This book written under working professionals learning project is with the intention of providing sufficient information and knowledge about the principles of wastewater treatment to the water works engineers. This book comprehensively deal with the basic of wastewater treatment, laying emphasis on current trends. To convey ideas and concepts more clearly, the book contains descriptive diagrams with suitable explanation. The book covers a broad spectrum of material dealing with wastewater treatment, as it is far more than just as update of the existing books on wastewater treatment, which includes the latest concepts and processes. This learning material will also be a useful reference book for planners, administrators, students and general readers. It will be of interest to wastewater treatment. One who reads this book systematically from chapter one will surely acquire an understanding on the concepts of wastewater treatment, including schemes of treatment.

## Table Of Contents

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- Foreword
- Preface
- Wastewater.
- Wastewater Treatment.
- Preliminary and Primary Treatment units.
- Sedimentation.
- Biological Treatment Processes.
- Activated Sludge Process.
- Advanced Wastewater Treatment.
- Natural Treatment System.
- Residual Management.
- Membrane Treatment Systems.
- References
- Glossary
- Abbreviations

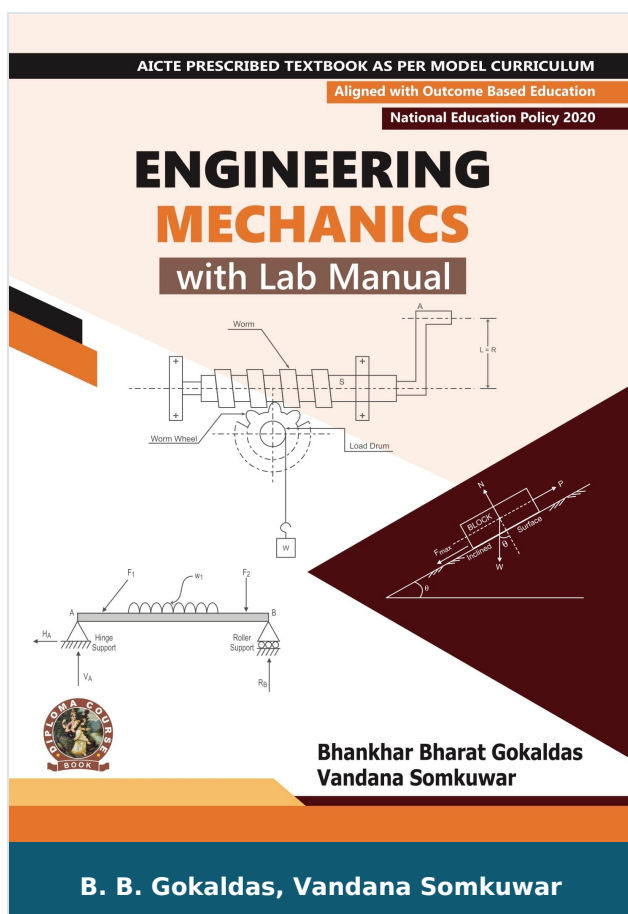
## Author

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### **P. N. Ravindra**

Dr. P. N. Ravindra The author of this book is working as Assistant Executive Engineering for Bangalore Water Supply and Sewerage Board (BWSSB) and has more than 25 years of working experience in the field of water and wastewater treatment. He has written several books in water discipline and published several research papers. It is a matter of pride and privilege for the author to write a book for his fellow engineers, who can make this book worthwhile. He acknowledges the help he has received from Mr Narayana, Cheif

Engineer, (Retd), BWSSB in reviewing the material and also improving the quality of the book. Special thanks to Prof. NR Shetty, Chairman, Project Advisory Committee, ISTE-WPLP and Er AN Parameswaran, Project Officer and his staff, ISTE-WPLP, who have provided valuable suggestions and carried out the coordination in preparation of this material.



## Engineering Mechanics (with Lab Manual)

**Author :** B. B. Gokaldas, Vandana Somkuwar

**ISBN 13 :** 978-93-91505-60-8

**ISBN 10 :** 9391505600

**E-ISBN 13 :** 978-93-91505-60-8

**Edition :** First

**Pages :** 188

**Type of book :** Physical

**Year :** 2023

**Language :** English

**Publisher :** Khanna Publishing House

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

**Categories :** [AICTE Prescribed Textbooks,](#)  
[English Books, Book Store,](#)  
[Ebooks, APPLIED SCIENCES &](#)  
[HUMANITIES](#)

**Condition Type :** New

**Country Origin :** India

**Khanna Publishing House**

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## Product Description

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“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.

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