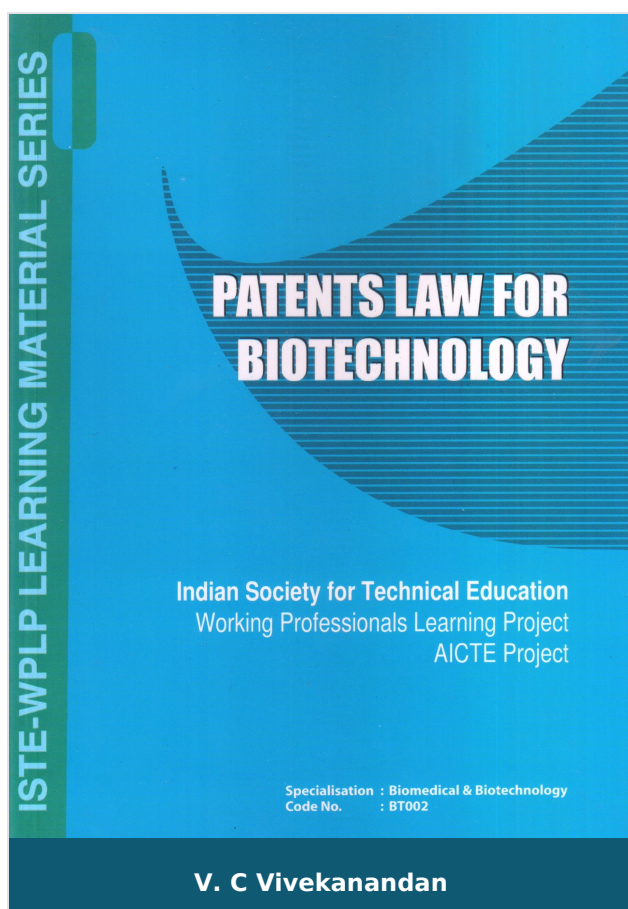




Patents Law For Biotechnology

Author : V. C Vivekanandan

ISBN 13 : 978-93-55388-75-9

ISBN 10 : 9355388756

E-ISBN 13 : 978-93-55388-75-9

Edition : 1

Pages : 150

Type of book : Physical

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 249.00

Categories : [Book Store, ISTE Series,](#)
[BIOMEDICAL & BIOTECHNOLOGY](#)

Condition Type : New

Country Origin : India

Product Description

This module is designed to give the reader - a technocrat or a lawyer an understanding of the history of the development of Intellectual Property in the first chapter. This chapter shows how the need for such a legislation arose in Europe and later in United States. The Second chapter deals with the conceptual understanding of contemporary issues in Patenting, what qualifies for patents, what does not and how standards are constantly raised and interpreted. The third chapter deals with the legislation in India. It deals with what are inventions under law and what are not. How does one proceed to patent an invention? How one can draft a good patent? what are the safeguards if one abuses the system? What are the rights of the public in such a system and related issues? The fourth chapter deals with the special issues relating to the emerging research in Biotechnology like the cell culture, hybridoma technologies, recombinant DNA, patenting of software programmes and other principles. The fifth chapter deals with Patent Cooperation Treaty which offers a single window filing system for patenting inventions world wide. The sixth chapter deals with the TRIPS agreement and its salient features, where the provisions relating to patents law and compulsory licences are dealt with. Chapter Seven deals with the World Intellectual Property Organization, its mission, challenges and future agenda.

The module also has select case laws relating to patenting of life forms, Biotechnology, Chemical patents and issues relating to Pharma industry.

The modules have been written to sensitize the target audience to the exciting, yet complex world of patenting system.

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- V. C Vivekanandan
- V. C Vivekanandan

Author

V. C Vivekanandan

Prof. V. C. Vivekanandan



Computational Intelligence

Author : D. Menaka, J. Jeysri

ISBN 13 : 978-93-55382-76-4

ISBN 10 : 9355382766

E-ISBN 13 : 978-93-55382-76-4

Edition : First

Pages : 76

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 148.00

Categories : [New Arrivals, Book Store,](#)
[Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Computational Intelligence

Computational Intelligence serves as a comprehensive and insightful guide into a field that stands at the forefront of the rapidly evolving digital era, powering advancements from data analytics to autonomous systems. This book is dedicated to providing a structured yet accessible overview of Computational Intelligence (CI), a powerful paradigm that solves complex real-world problems by leveraging techniques inspired by natural intelligence. The core theme is the integration of diverse concepts, including artificial intelligence, machine learning, neural networks, evolutionary computing, and fuzzy logic.

The text offers a careful balance between theoretical depth and practical relevance, ensuring that complex methodologies are made clear and engaging for a wide audience, which includes students, educators, researchers, and professionals. Chapters cover fundamental principles, key algorithms, and recent advancements, empowering readers to not only understand but also implement intelligent computational models. To foster practical knowledge, the book integrates real-world case studies and examples that demonstrate the application of CI techniques across crucial domains such as healthcare, finance, robotics, and optimization. By focusing on algorithmic design and real-time applications, this academically rigorous work inspires innovation and provides the tools necessary to contribute effectively to the future of intelligent computing.

Salient Features:

- **Foundational AI Concepts:** Covers the principles of Artificial Intelligence, including its foundations, different types of AI, and the architecture and operation of various intelligent agents.

- **Neural Networks & Deep Learning:** Details the structure of Artificial Neural Networks (ANNs), Single/Multi-Layer Perceptrons, and modern Deep Learning algorithms, covering both supervised and unsupervised learning.
- **Fuzzy Logic & Hybrid Systems:** Explores Fuzzy Logic, Fuzzy Set Theory, and Fuzzy Reasoning, culminating in advanced hybrid models like Neuro-Fuzzy and Cooperative Fuzzy Neural Networks (CFNN).
- **Evolutionary Algorithms:** Provides an introduction to Genetic Algorithms, detailing concepts like search space, reproduction, and selection methods essential for optimization problems.
- **Swarm Intelligence Techniques:** Dedicated coverage of optimization algorithms inspired by collective behavior, including Particle Swarm Optimization (PSO) and Ant Colony Optimization (ACO) variants.
- **Practical Search Strategies:** Explains key Problem-Solving Agents and algorithms, differentiating between Uninformed and Informed search strategies used for efficient goal-directed problem-solving.
- **Real-World Case Studies:** Integrates practical applications and case studies across vital sectors like healthcare, finance, robotics, and logistics, demonstrating the implementation of AI techniques.
- **Ethical & Future Trends:** Discusses the ethical considerations and challenges of AI, alongside future trends like Explainable AI (XAI) and Quantum AI, preparing readers for responsible deployment.

Table Of Contents

- Artificial Intelligence
- Artificial Neural Networks
- Fuzzy Systems
- Genetic Algorithms
- Swarm Intelligence

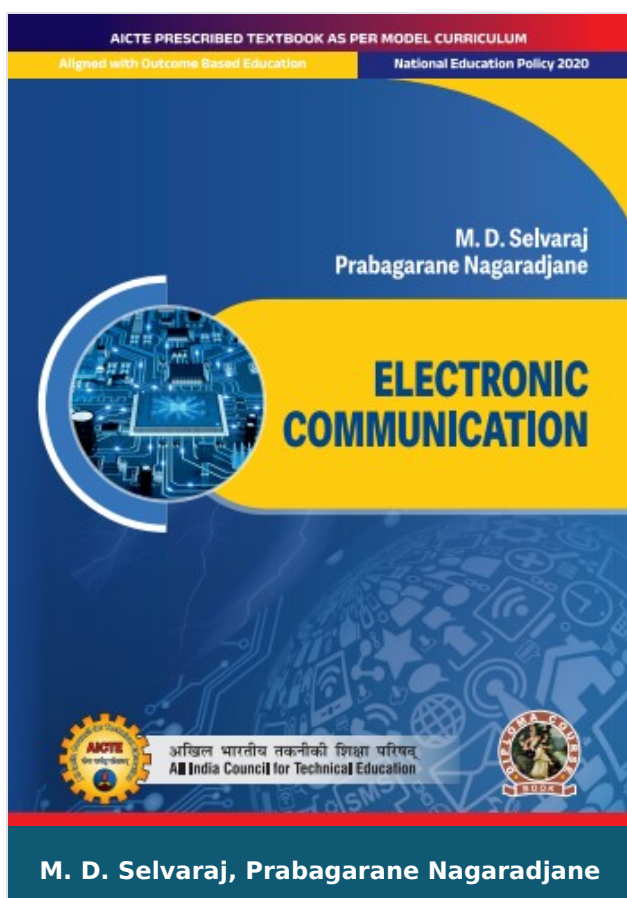
Author

D. Menaka

D. Menaka, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

J. Jeyshri

J. Jeyshri Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology



Electronic Communication

Author : M. D. Selvaraj, Prabagarane Nagaradjane

ISBN 13 : 978-93-55382-69-6

ISBN 10 : 9355382693

E-ISBN 13 : 978-93-55382-69-6

Edition : First

Pages : 184

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 348.00

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

Condition Type : New

Country Origin : India

Product Description

Electronic Communication

In an era dominated by rapid technological advancements in the next generation of mobile communications, mastering the fundamentals of communication engineering is essential for students. This book, 'Electronic communication' thoroughly explores key concepts, theories, and applications in the communication engineering field. Furthermore, this comprehensive guide covers a gam- out of topics in communication engineering from fundamental principles to advanced techniques that provide a structured approach to comprehending communication engineering concepts for students or teachers seeking to enhance their expertise.

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.
- At the end of each chapter, short questions, objective questions and long answer exercises are given for the students to practice.

- problems including numerical examples are solved with systematic steps provided.

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- Foreword
- Acknowledgement
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- Outcome Based Education
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- Guidelines for Students
- Abbreviations and Symbols
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- List of Tables
- Amplitude and frequency modulation
- Pulse analog modulation
- PCM and delta modulation systems
- Digital modulation
- Spread-Spectrum modulation
- Lab Experiments
- CO and PO Attainments table
- Index

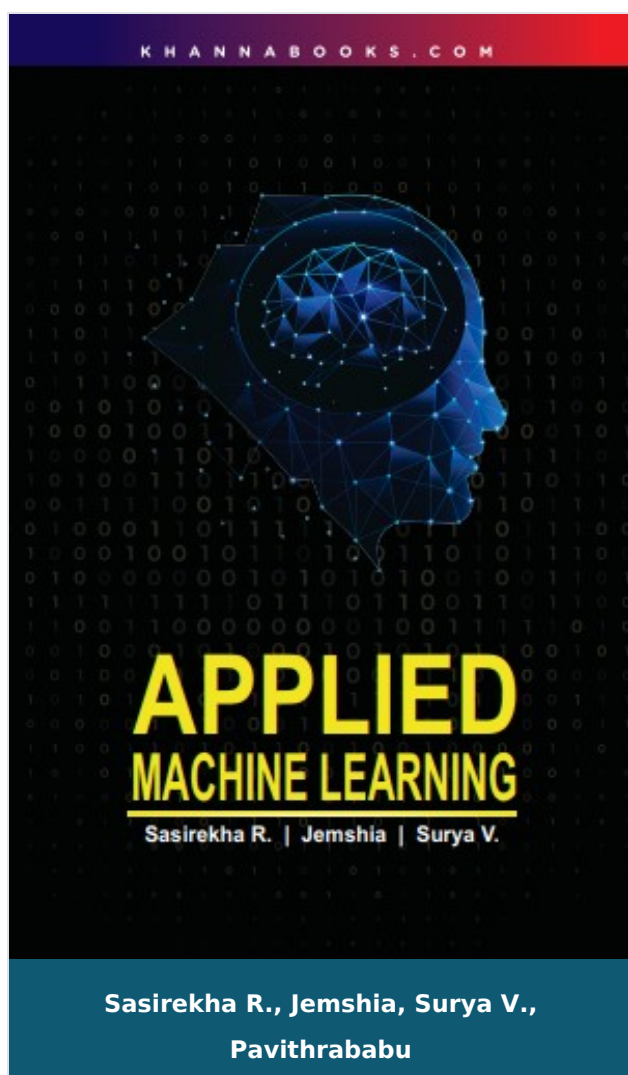
Author

M. D. Selvaraj

Dr. M. D. Selvaraj Professor, Department of ECE, Indian Institute of Information Technology Dr.

Prabagarane Nagaradjane

Dr. Prabagarane Nagaradjane Associate Professor, Department of ECE



Applied Machine Learning

Author : Sasirekha R., Jemshia, Surya V., Pavithrababu

ISBN 13 : 978-93-55388-42-1

ISBN 10 : 935538842X

E-ISBN 13 : 978-93-55388-42-1

Edition : First

Pages : 96

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 148.00

Categories : [New Arrivals](#), [Book Store](#), [Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Applied Machine Learning

In an era where data is growing exponentially, Machine Learning (ML) has become the definitive tool for solving complex problems across every major industry, from healthcare and finance to autonomous systems and natural language processing.

Applied Machine Learning is designed to bridge the gap between theoretical research and real-world implementation. This book provides a solid foundation, covering core concepts such as supervised and unsupervised learning, feature engineering, and model evaluation. Readers will gain a deep understanding of essential algorithms like linear regression, decision trees, support vector machines, and neural networks.

With a crucial focus on practical application, the text uses Python and industry-standard libraries like Scikit-learn, TensorFlow, and PyTorch to provide step-by-step coding examples. Beyond model development, it addresses critical challenges, including data bias, model interpretability, and ethical considerations, emphasizing the need to build responsible and transparent ML systems. Whether you are an aspiring data scientist, a software engineer, or a business leader, this book is your comprehensive guide to leveraging AI-driven insights and transforming industries.

Salient Features:

- **Foundational Learning Paradigms:** Detailed coverage of Supervised, Unsupervised, Semi-Supervised, and Reinforcement Learning models and their real-world applications.
- **Essential Algorithms:** In-depth study of core algorithms, including K-Means Clustering, Fuzzy K-Means, Decision Trees, and various Neural Network architectures.

- **Practical Implementation:** Hands-on focus on Python programming and popular ML libraries (Scikit-learn, TensorFlow, PyTorch) for effective solution deployment.
- **Data Strategy:** Comprehensive chapters on Data Representation, covering structured vs. unstructured data, feature engineering, normalization, and techniques for handling missing data.
- **Model Optimization:** Clear explanation of the Bias-Variance Tradeoff and the Occam's Razor principle for selecting models that achieve optimal generalization.
- **Statistical Backbone:** Exploration of the statistical foundations of ML, including Probability Theory, Bayes' Theorem, Sampling Methods, and Inferential Statistics.
- **Business Applications:** Includes units on Business Intelligence (BI), Data Warehousing, OLAP, the CRISP-DM Model, and Intelligent Information Retrieval Systems.
- **Future Trends:** Analysis of the latest Applications and Trends of Machine Learning across key sectors like Healthcare, Finance, E-commerce, and Autonomous Systems.

Table Of Contents

- Introduction to Applied Machine Learning
- Statistical Analysis in Applied Machine Learning
- Introduction to Neural Networks
- Data Clustering & Decision Tree Learning
- Business Intelligence and Data Mining

Author

Sasirekha R.

Sasirekha R., Jemshia, Surya V.

Jemshia

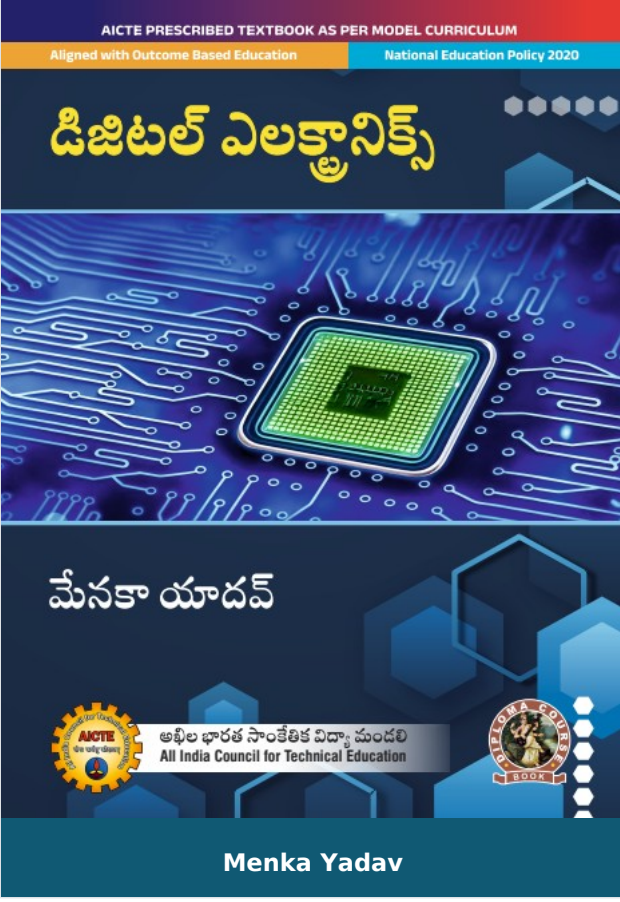
Jemshia, Surya V.

Surya V.

Sasirekha R., Jemshia, Surya V.

Pavithrababu

Sasirekha R., Jemshia, Surya V.



Digital Electronics

Author :	Menka Yadav
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ISBN 10 :	9355382596
E-ISBN 13 :	978-93-55382-59-7
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Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 448.00
Categories :	AICTE Prescribed Textbooks, Telugu Books, Book Store
Condition Type :	New
Country Origin :	India

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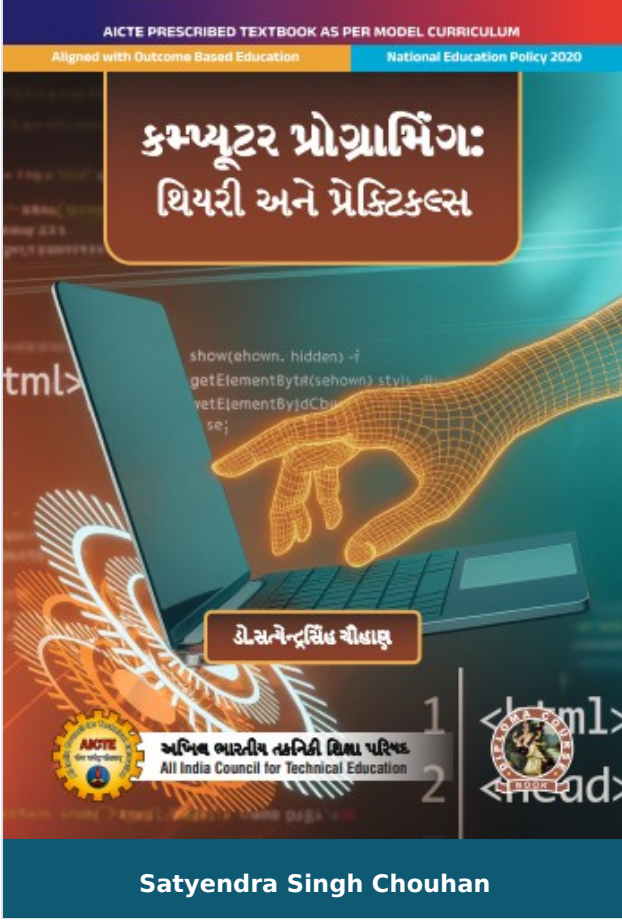
Product Description

Digital Electronics

Author

Menka Yadav

Dr. Menka Yadav Assistant Professor, Dept. of Electronics and Communication
Engineering (ECE), Malviya National Institute of Technology, Jaipur-302017, Rajasthan



Computer Programming: Theory and Practicals

Author : Satyendra Singh Chouhan

ISBN 13 : 978-93-55384-64-5

ISBN 10 : 9355384645

E-ISBN 13 : 978-93-55384-64-5

Edition : First

Pages : 256

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 398.00

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

Condition Type : New

Country Origin : India

Product Description

Computer Programming: Theory and Practicals

Author

Satyendra Singh Chouhan

Dr. Satyendra Singh Chouhan Assistant Professor, Department of Computer Science and Engineering



Introduction to IT Systems (with Lab Manual)

Author : Prashant Joshi

ISBN 13 : 978-93-55380-08-1

ISBN 10 : 9355380089

E-ISBN 13 : 978-93-55380-08-1

Edition : 1

Pages : 288

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

“INTRODUCTION TO SYSTEMS” is a compulsory paper for the first year Diploma 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 five units- Internet Skills and Computer Basics, Operating Systems, HTML and CSS, open Office Tools. And information Security Best Practices. Each topic in units is written in each and lucid manner. Every unit contains a set of exercise at the end of each unit to test student’s comprehension.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes.
2. Practical are included with each unit for better understanding of the theoretical concepts.
3. Book Provides interesting facts and various activities pertaining to topic. QR Codes are used for additional E-resources, use of ICT, online code editors, online quiz etc.
4. Student and teacher centric subject materials included in balanced and chronological manner.
5. Figures, tables, source code for web programming, numerous examples and applications are included to improve clarity of the topics.
6. Objective questions, subjective questions and crossword exercise are given for practice of students after every chapter.

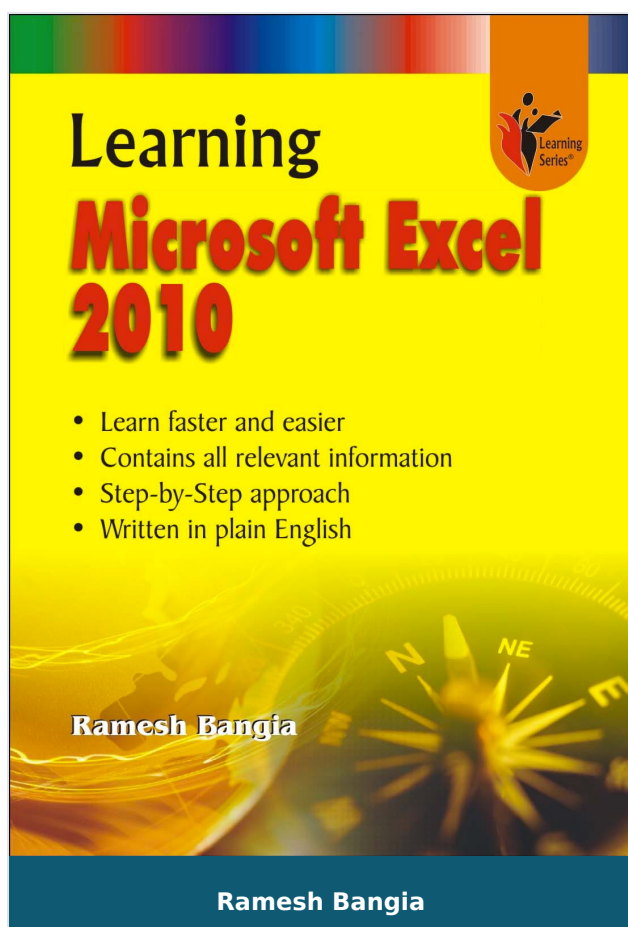
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- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- List of Abbreviations
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Internet skills and computer Basics
- Operating Systems
- HTML AND CSS
- Open Office Tools
- Information Security Best Practices
- Annexure
- Appendices
- Index

Author

Prashant Joshi

Prashant Joshi



Learning Microsoft Excel 2010

Author :	Ramesh Bangia
ISBN 13 :	978-93-81068-02-1
ISBN 10 :	938106802X
E-ISBN 13 :	978-93-81068-02-1
Edition :	1
Pages :	192
Type of book :	Physical
Year :	2011
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. Microsoft Excel 2010 is a spreadsheet program used for worksheet based requirements. The book takes you around the software and explains the working with the help of a live example. Insertions of the various types of graphics and images drawings, etc., are also explained. various types of functions are there in excel, which are covered in the book. They are listed in the book and few of them have been explained with the of the examples. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.

Table Of Contents

- Introduction to Microsoft Office 2010
- What's New in Microsoft Excel 2010
- Spreadsheet Basics
- Creating a Worksheet in Microsoft Excel 2010
- Advance Techniques of Microsoft Excel 2010
- Charts in Microsoft Excel 2010
- Web Based Commands of Microsoft Excel 2010
- Functions in Microsoft Excel 2010
- Glossary of Words used in Microsoft Excel 2010
- Keyboard Shortcuts in Excel 2007
- Questions

Author

Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle East and African countries.



Set of Two Books (Cyber Crime & Cyber Attacks)

Author :	Debtoru Chatterjee
ISBN 13 :	978-93-55383-81-5
ISBN 10 :	9355383818
E-ISBN 13 :	978-93-55383-81-5
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Type of book :	Physical
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Publisher :	Khanna Publishing House
M.R.P :	Rs 598.00
Categories :	Computer Science Engineering, Book Store, Special Offers
Condition Type :	New
Country Origin :	India

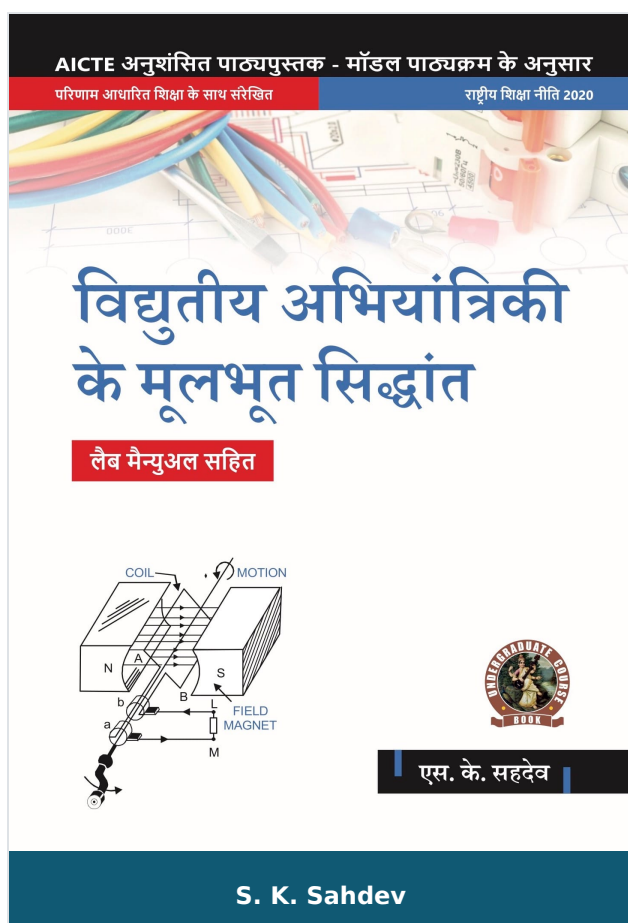
Product Description

Set of Two Books (Cyber Crime and Its Prevention in Easy Steps & Cyber Attacks and Counter-Measures Made Simple)

Author

Debtoru Chatterjee

Debtoru Chatterjee, an Indian Postal Service Officer (1994 batch), has served 11 years in a central police organization, including as an Inspector General, besides a five-year stint as an army Colonel. An honor graduate from Presidency College Calcutta, he holds an M.Sc. (Distinction) in Cyber Forensics and Information Security from the University of Madras; an MBA (IT Systems) (Distinction) from ICFAI; and a Master in Business Laws from National Law School, Bangalore. A keen student of Kali Linux and Python, he has also authored a companion book "Cyber-Crime and its Prevention in Easy Steps".



Basic Electrical Engineering (with Lab Manual)

Author :	S. K. Sahdev
ISBN 13 :	978-93-55381-15-6
ISBN 10 :	9355381158
E-ISBN 13 :	978-93-55381-15-6
Edition :	First
Pages :	400
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

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.

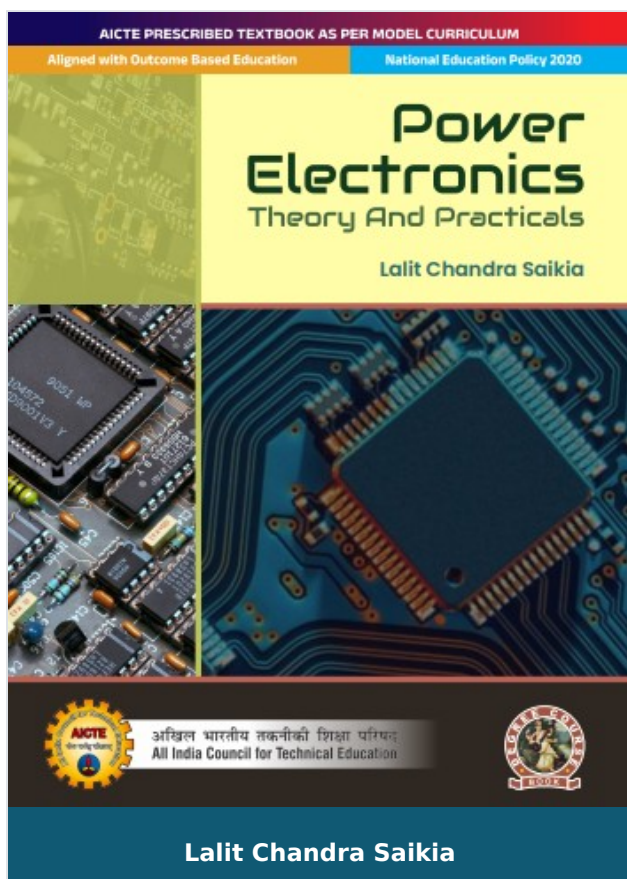
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- Abbreviations and Symbols
- List of Figures
- Guidelines for Teacher
- Guidelines for Students
- DC Circuits
- AC Circuits
- Transformers
- Electrical Machines
- Power Converters
- Electrical Installations

Author

S. K. Sahdev

S. K. Sahdev



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

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

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.

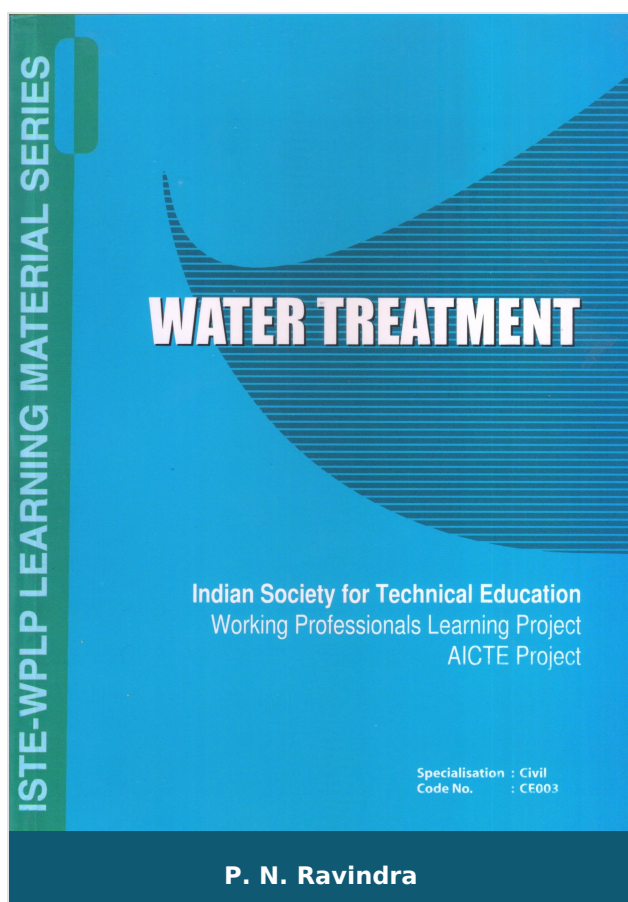
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- Turn-on and turn-off methods of thyristors
- Phase controlled rectifiers
- Industrial control circuits
- Appendices
- References for further learning
- Dynamic QR codes for further reading
- CO and PO attainment table
- Index

Author

Lalit Chandra Saikia

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



Water Treatment

Author :	P. N. Ravindra
ISBN 13 :	978-93-55389-22-0
ISBN 10 :	9355389221
E-ISBN 13 :	978-93-55389-22-0
Edition :	1
Pages :	272
Type of book :	Physical
Year :	2006
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 388.00
Categories :	Civil Engineering, Book Store, ISTE Series
Condition Type :	New
Country Origin :	India

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

Product Description

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.

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- Foreword
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- 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

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.