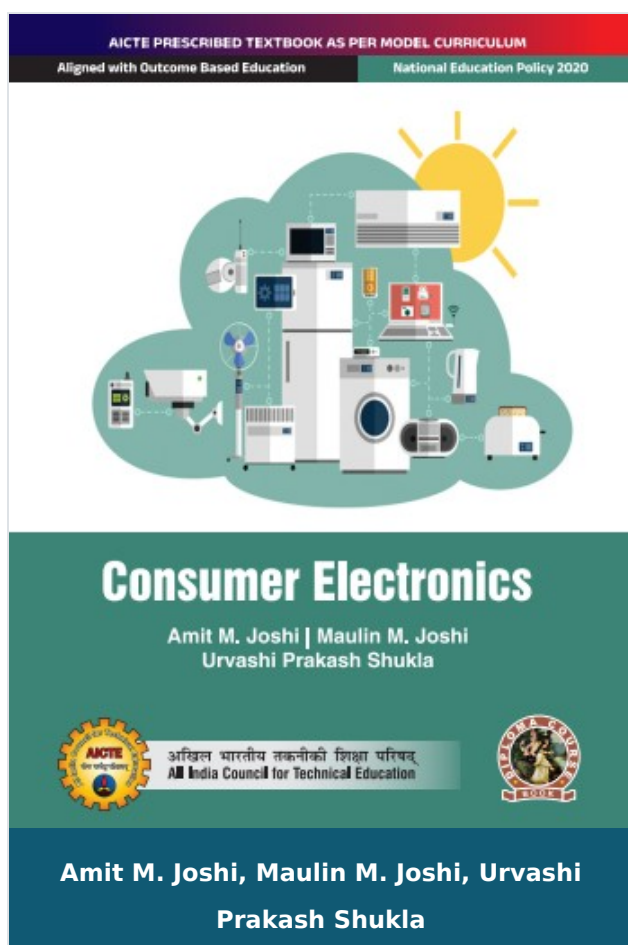




Consumer Electronics

Author : Amit M. Joshi, Maulin M. Joshi,
Urvashi Prakash Shukla

ISBN 13 : 978-93-55383-50-1

ISBN 10 : 9355383509

E-ISBN 13 : 978-93-55383-50-1

Edition : First

Pages : 132

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 298.00

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

Condition Type : New

Country Origin : India

Product Description

Consumer Electronics

This text book on consumer Electronics provides foundation of the subject to the reader. It familiarizes readers to important basic technical concepts of audio, video and consumer electronics devices used in daily affairs. The main concepts of this book are aligned with 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 numerical examples are solved with systematic steps.

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
- Audio Fundamentals and Devices
- Audio Systems
- Television Systems
- Television Receivers and Video Systems
- Home/Office Appliances
- Digital Electronic Systems
- References for Further Learning
- CO and PO Attainment Table
- Index

Author

Amit M. Joshi

Dr. Amit M. Joshi Assistant Professor, Malaviya National Institute of Technology Jaipur (MNIT), Jaipur Dr.

Maulin M. Joshi

Dr. Maulin M. Joshi Assistant Professor, Banasthali Vidyapith, Newai Dr.

Urvashi Prakash Shukla

Dr. Urvashi Prakash Shukla Assistant Professor, Banasthali Vidyapith, Newai



Smarter City

Author : Bala Sai Gayathri, G. Anbu Selvi,
R. Nivedha

ISBN 13 : 978-93-55385-23-9

ISBN 10 : 9355385234

E-ISBN 13 : 978-93-55385-23-9

Edition : First

Pages : 72

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

Smarter City

The concept of the Smarter City represents the future of urban living—a paradigm where technology, data, and interconnected infrastructure converge to enhance sustainability, efficiency, and the quality of life for citizens.

Smarter City provides an essential roadmap for understanding this complex evolution. It begins by laying the foundational pillars, exploring the convergence of IoT (Internet of Things), Cloud Computing, and Big Data as the technological engine of urban transformation. The book moves beyond theory to detail practical, real-world use cases, such as Connected Street Lighting that improves energy efficiency, Smart Traffic Control that dynamically reduces congestion, and Connected Environmental Monitoring systems that track air and water quality in real time.

This text is vital for urban planners, engineers, policymakers, and technologists seeking to grasp the architecture, implementation, and long-term impact of smart city initiatives. It is the definitive guide to building a truly intelligent, resilient, and sustainable urban future.

Salient Features:

- **Foundational Technology:** Deep dive into the core technologies enabling smart cities: IoT (Internet of Things), Cloud Computing, and Big Data Analytics.
- **Key Pillars of Smart Cities:** Comprehensive coverage of the main components, including Smart Governance, Smart Economy, Smart Mobility, Smart Environment, Smart People, and Smart Living.
- **IoT Architecture and Sensors:** Detailed explanation of the IoT architectural layers (Perception, Network, Application) and the role of various sensors (temperature,

humidity, air quality) in data collection.

- **Practical Use Cases:** Real-world examples of successful smart city deployment, including:
 1. Connected Street Lighting for energy saving and remote monitoring.
 2. Smart Traffic Control for dynamic signal adjustment and congestion reduction.
 3. Connected Environmental Monitoring for air quality tracking and pollution detection.
- **Cloud and Data Integration:** Analysis of how Cloud Platforms provide the necessary infrastructure for scalable data storage and how Big Data Analytics translates raw sensor data into actionable insights for city management.
- **Citizen-Centric Design:** Emphasis on how smart city initiatives directly benefit citizens by enhancing public safety, reducing commute times, and improving environmental sustainability.

Table Of Contents

- Preface
- Introduction to Smart Urban Infrastructures and Smart Cities
- Smart Urban Energy Systems
- Smart Urban Transportation Systems
- Smarter City Management and Smarter Human Services
- Smarter City and IoT

Author

Bala Sai Gayathri

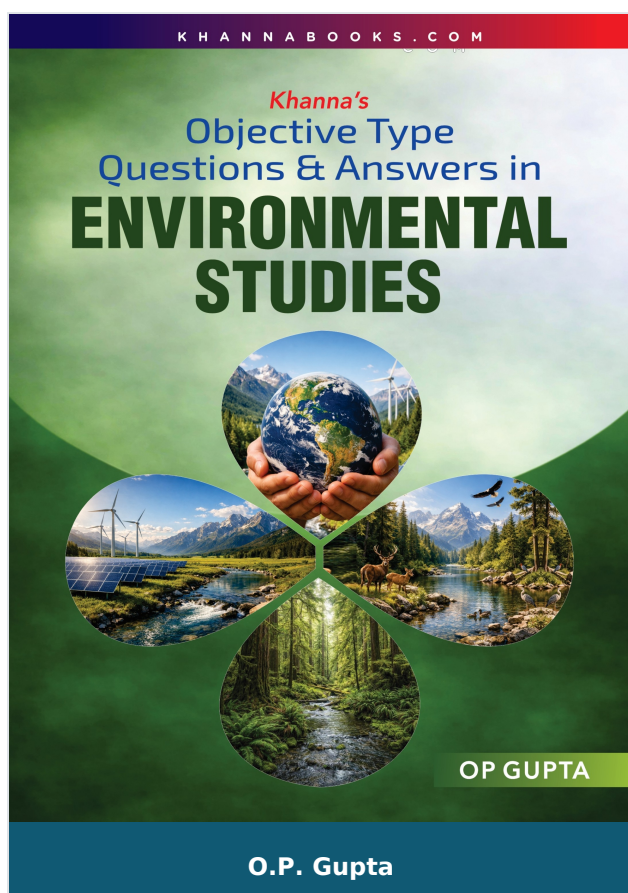
Bala Sai Gayathri Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

G. Anbu Selvi

G. Anbu Selvi Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology
R.Nivedha Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

R. Nivedha

R. Nivedha, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology



Khanna's Objective Type Questions & Answers in Environmental Studies

Author :	O.P. Gupta
ISBN 13 :	978-93-74545-90-4
ISBN 10 :	937454590X
E-ISBN 13 :	978-93-74545-90-4
Edition :	First
Pages :	308
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	OBJECTIVE TYPE BOOKS, New Arrivals, Environmental Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Objective Type Questions and Answers in Environmental Studies by Om Prakash Gupta is a meticulously structured academic guide designed to simplify the complexities of environmental science. This comprehensive resource serves as a vital tool for students and professionals navigating the interdisciplinary nature of ecology, pollution control, and sustainable development. By blending fundamental concepts with a rigorous examination framework, the book provides readers with the clarity needed to understand human-environment interactions and the critical challenges facing our planet today.

The book's primary objective is to foster environmental consciousness and ethics through a diverse range of assessment styles. It is specifically tailored to meet the curricular requirements of degree, postgraduate, and diploma students across various engineering branches. Additionally, it serves as an essential reference for candidates preparing for professional associate membership examinations, such as AMIE, AMIIM, and AMIChE, as well as B.Sc. and M.Sc. students. With its systematic approach and practical focus, the book bridges the gap between academic theory and real-world environmental management.

Salient Features

- **Dual-Section Assessment Model:** The text is strategically divided into objective-type questions and short-answer formats to cater to different examination patterns and learning styles.
- **Multidisciplinary Scope:** It covers a wide range of topics, including ecology, ecosystem dynamics, biodiversity, and the socio-economic impacts of industrialization and urbanization.
- **Sustainable Development Focus:** A significant emphasis is placed on sustainable practices, exploring the balance between economic growth and the preservation of

natural resources for future generations.

- **Environmental Impact Tools:** The book provides detailed insights into critical regulatory and assessment tools, such as Environmental Impact Assessment (EIA), essential for modern engineering and policy-making.
- **Biodiversity and Conservation:** Readers gain an in-depth understanding of genetic, species, and ecosystem diversity, alongside the legislative frameworks designed for wildlife and forest protection.
- **Human-Centric Challenges:** The content addresses pressing human issues, including population explosion, family welfare programs, and the health impacts of environmental pollutants like heavy metals and pesticides.
- **Comprehensive Technical Glossary:** A specialized glossary is included to define complex terminology in environmental science and renewable energy, ensuring students master the professional vocabulary of the field.
- **Practical Problem Solving:** Through its diverse Q&A format, the book encourages the application of engineering interventions for environmental protection, such as flood control and waste management.

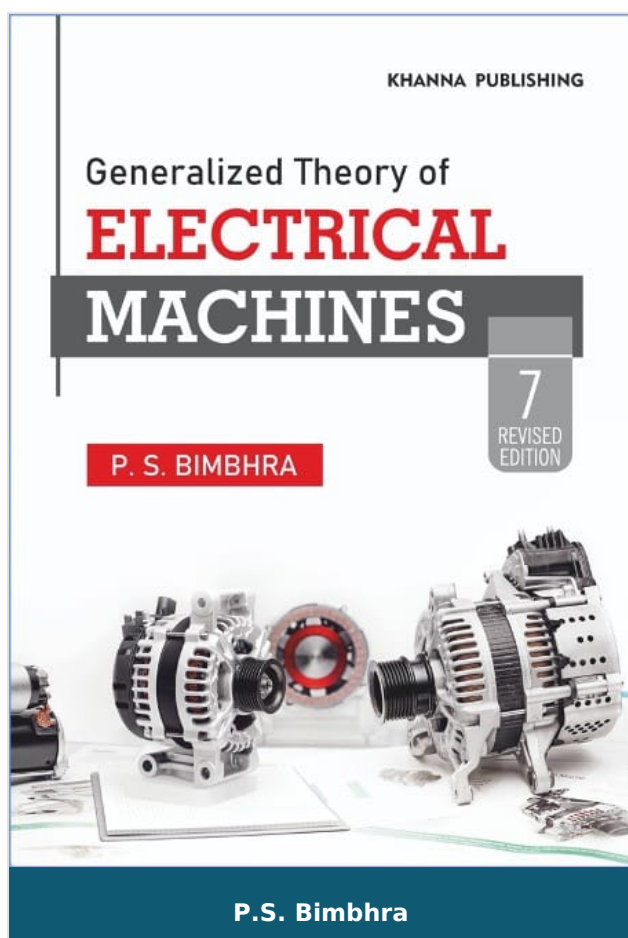
Table Of Contents

- Preface
- SECTION A: Objective Type Questions
- SECTION B: Short Answer Type Questions
- SECTION C: Glossary

Author

O.P. Gupta

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.



Generalized Theory of Electrical Machines

Author :	P.S. Bimbhra
ISBN 13 :	978-93-91505-08-0
ISBN 10 :	9391505082
E-ISBN 13 :	978-93-91505-08-0
Edition :	Seventh Revised
Pages :	872
Type of book :	Physical
Year :	2021
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

Product Description

This textbook “Generalized Theory of Electrical Machines” is based on the latest syllabus of the Universities and Educational Institutes. In this edition, some materials of the book has been rewritten so as to make the presentation easily comprehensible. More illustrative examples mainly from IAS, IES and GATE and other competitive examinations have been added and problems material with answers, at the end of each chapter, has been considerably enlarged.

Salient Features:

1. Elements of Generalized Theory
2. Linear Transformations in Machines
3. D.C. Machines
4. Polyphase Synchronous Machines
5. Polyphase Induction Machines
6. Single Phase Motors
7. A.C. Commutator Machines
8. Transformers
9. Special Machines
10. Appendices
11. References

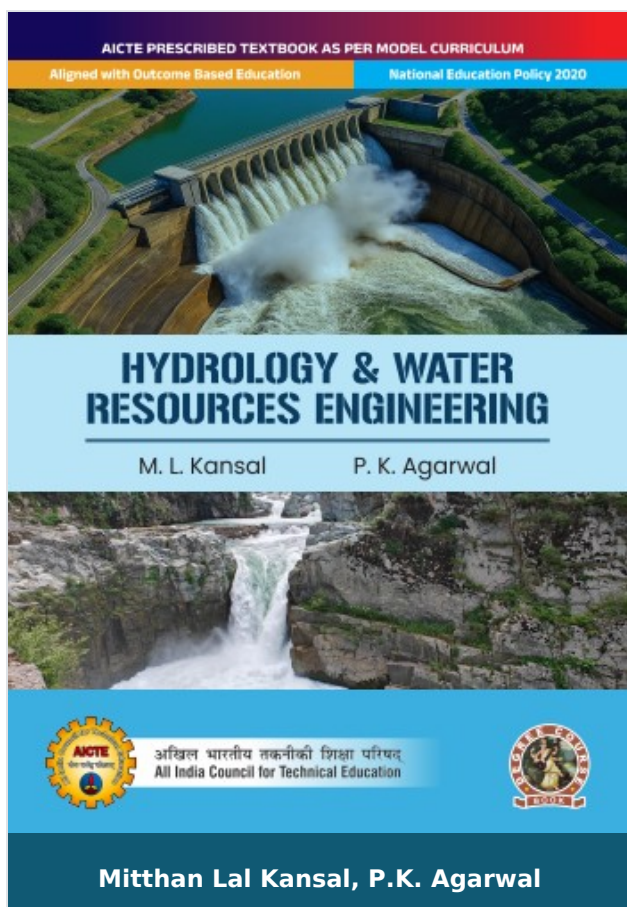
Table Of Contents

- ELEMENTS OF GENERALIZED THEORY
- LINER TRANSFORMATIONS IN MACHINES
- D.C. MACHINES
- POLYPHASE SYNCHRONOUS MACHINES
- POLYPHASE INDUCTION MACHINES
- SINGLE PHASE MOTORS
- A.C. COMMUTATOR MACHINES
- TRANSFORMERS
- SPECIAL MACHINES
- APPENDIX
- INDEX
- REFERENCES

Author

P.S. Bimbhra

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



Hydrology & Water Resources Engineering

Author : Mitthan Lal Kansal, P.K. Agarwal

ISBN 13 : 978-93-55385-55-0

ISBN 10 : 9355385552

E-ISBN 13 : 978-93-55385-55-0

Edition : First

Pages : 528

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 899.00

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

Condition Type : New

Country Origin : India

Product Description

Hydrology & Water Resources Engineering

This textbook on Hydrology and Water Resources is designed as per the new syllabus prescribed by the AICTE. The book covers all aspects of the hydrological cycle like precipitation and its abstraction, surface runoff, subsurface water, well hydrology, dams and spillways, water withdrawals, uses, and the distribution systems. The book is a complete resource with a wide range of concepts that emphasise on learning through basic concepts and practical problems. This meets the requirements of an undergraduate degree program of Civil Engineering in India.

Salient features:

- The program, course, and unit results are mapped out in the book's content.
- The book provides comprehensive information on the related topics.
- Subject material has been prepared keeping in mind the teachers and the students. A balance of theory, numerical, and the practical aspects are maintained in a chronological order.
- Equations, tables, and figures are added to make the topics easier to understand.
- After every chapter, revision questions are provided to practice.
- Systematic steps are utilized to solve both solved and unresolved problems, such as numerical examples.
- The book ends with a list of references that a reader can refer for further advance knowledge on various topics.

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
- Precipitation
- Abstraction from Precipitation
- Runoff
- Groundwater and Weel Hydrology
- Water withdrawals and uses
- Distribution systems
- Dams and spillways
- References for Further Learning
- CO and PO attainment table
- index

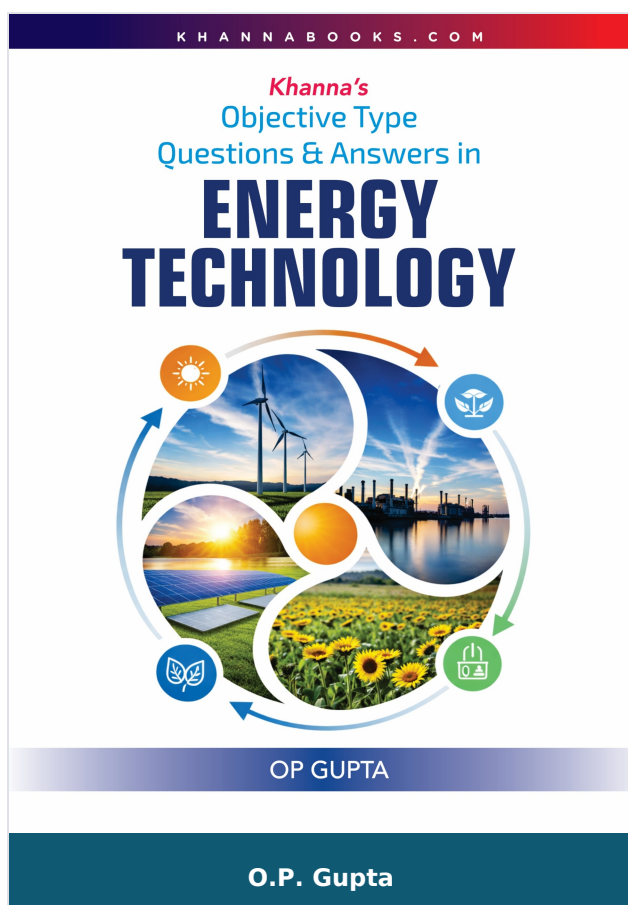
Author

Mitthan Lal Kansal

Dr. M. L. KANSAL Professor (HAG) Department of Water Resources Development & Management, Indian Institute of Technology Roorkee P. K. Agarwal Former Scientist B National Institute of Hydrology Roorkee

P.K. Agarwal

Dr. M. L. KANSAL Professor (HAG) Department of Water Resources Development & Management, Indian Institute of Technology Roorkee P. K. Agarwal Former Scientist B National Institute of Hydrology Roorkee



Khanna's Objective Type Questions & Answers in Energy Technology

Author :	O.P. Gupta
ISBN 13 :	978-93-74545-06-5
ISBN 10 :	9374545063
E-ISBN 13 :	978-93-74545-06-5
Edition :	First
Pages :	572
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 698.00
Categories :	OBJECTIVE TYPE BOOKS, New Arrivals, Environmental Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Objective Type Questions and Answers in Energy Technology is a comprehensive academic resource designed to bridge the gap between theoretical knowledge and practical application in the field of energy. Authored by Om Prakash Gupta, a veteran professional with extensive experience at the Bokaro Steel Plant, the book serves as an essential guide for mastering the complexities of energy systems, fuels, and conservation. Its core theme revolves around providing a structured approach to understanding both conventional and renewable energy technologies through a vast collection of multiple-choice and short-answer questions.

The book's primary purpose is to assist students and professionals in preparing for high-stakes examinations, covering a diverse array of topics from thermal power generation and industrial boilers to cutting-edge renewable sources like solar, wind, and nuclear fusion. It is specifically tailored for diploma, degree, and postgraduate engineering students, as well as candidates appearing for professional membership examinations such as AMIE, AMIIM, and AMIICHE. Additionally, it serves as a valuable reference for aspiring Energy Managers and Auditors preparing for Bureau of Energy Efficiency (BEE) certifications. With its clear explanations and wide-reaching scope, this book offers immense practical value for anyone looking to excel in the energy sector.

Salient Features

- **Exhaustive Topic Coverage:** The book spans 33 comprehensive chapters, covering everything from basic energy scenarios and combustion technology to advanced topics like Magneto Hydro Dynamic (MHD) generators.
- **Dual-Section Format:** The content is strategically divided into Section A, featuring extensive objective-type questions for rapid self-assessment, and Section B, providing detailed short-answer responses.

- **Professional Exam Alignment:** Content is specifically curated to meet the syllabi requirements of competitive engineering exams and professional certifications like the BEE Energy Auditor examination.
- **Renewable Energy Focus:** Detailed sections are dedicated to the latest developments in solar, wind, ocean, geothermal, and biomass energy, reflecting modern shifts toward sustainability.
- **Industrial Utility Insights:** Includes practical knowledge on industrial components such as furnaces, refractories, compressed air systems, and cooling towers, essential for field professionals.
- **Energy Audit Emphasis:** Provides specialized questions on energy conservation and auditing, helping readers understand the regulatory and practical frameworks of energy management.
- **Practical Problem Solving:** Features worked-out calculations for critical metrics like specific energy consumption and boiler efficiency to enhance quantitative skills.
- **Environmental Impact Integration:** Addresses the critical relationship between energy use and the environment, including topics on global warming, greenhouse gases, and emission trading.

Table Of Contents

- Section-A
- Basics of Energy and Energy Scenario
- Fuels and Combustion Technology
- Furnaces
- Boilers
- Waste heat Recovery
- Properties & Uses of Steam
- Thermal Insulation
- Refractories
- Basics of Electric Energy Uses
- Electric Transformers
- Electric Motors
- Fans and Blowers
- Pumps and Pumping Systems
- Cooling Towers
- Compressed Air System
- Refrigeration System
- DG Set System
- Energy Efficient Lighting System
- Energy Efficient Technology In Electrical System
- Renewable Sources of Energy
- Solar Energy
- Wind Energy

- Ocean Energy
- Geothermal Energy
- Biomass Energy
- Hydropower
- Nuclear Fusion Energy
- Magneto Hydro dynamic (MHD) Generator
- Energy Storage & Conversion System
- Electric Power Generation
- Energy Conversation & Audit
- Energy & Environmental Impact
- Miscellaneous Question
- Section- B
- Short Answer Type Question

Author

O.P. Gupta

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.



Workshop / Manufacturing Practices (with Lab Manual)

Author :	Veerana D.K.
ISBN 13 :	978-93-91505-74-5
ISBN 10 :	9391505740
E-ISBN 13 :	978-93-91505-74-5
Edition :	First
Pages :	252
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Tamil Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations.

Salient Features:

1. Manufacturing Methods
2. CNC Machining, Additive manufacturing
3. Fitting operations & power tools
4. Electrical & Electronic
5. Carpentry
6. Plastic moulding, glass cutting
7. Metal casting
8. Welding (arc welding & gas welding), brazing

9. Laboratory experiments and models

Appendices

References

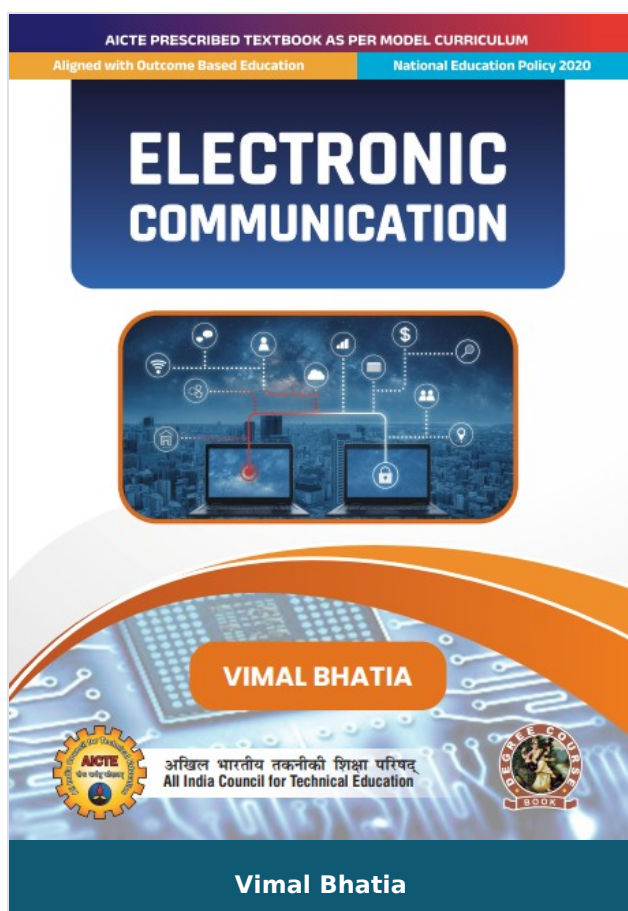
Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Part- A: Manufacturing Practices
- Manufacturing Methods
- CNC Machining, Additive manufacturing, Fitting operations & power tools
- Electrical & Electronic
- Carpentry, Plastic moulding, glass cutting
- Metal casting, welding (arc welding & gas welding), brazing
- Part- B: Workshop Practice Laboratory
- Appendices
- References

Author

Veerana D.K.

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations. Salient Features: I Manufacturing Methods I CNC Machining, Additive manufacturing I Fitting operations & power tools I Electrical & Electronic I Carpentry I Plastic moulding, glass cutting I Metal casting I Welding (arc welding & gas welding), brazing I Laboratory experiments and models I Appendices I References



Electronic Communication

Author :	Vimal Bhatia
ISBN 13 :	978-93-55384-65-2
ISBN 10 :	9355384653
E-ISBN 13 :	978-93-55384-65-2
Edition :	First
Pages :	196
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

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

Electronic Communication

This book familiarizes the students to different domains of electronics communication. Main purpose of this book is to help students and researchers to understand basics of electronics communication. The main content of this book is aligned with the model curriculum of AICTE followed by concept of outcome-based education as per National Education Policy (NEP) 2020.

Salient Features:

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

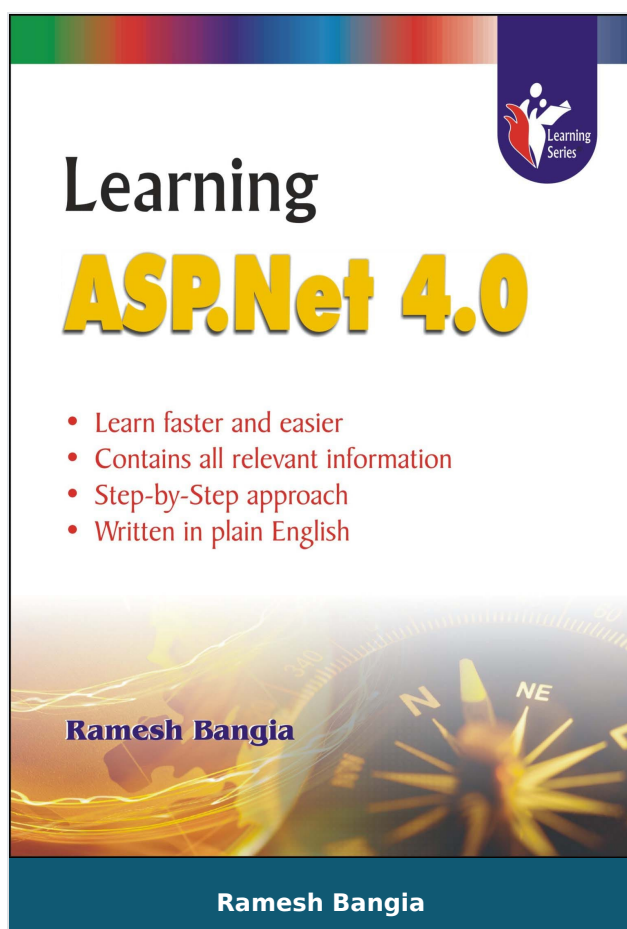
Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- Analog modulation Techniques
- Noise
- Pulse Modulation
- Baseband receiver
- Passband digital Transmission
- Passband receiver
- Appendices
- Index

Author

Vimal Bhatia

Dr. Vimal Bhatia Professor, Department of Electrical Engineering, Indian Institute of Technology Indore



Learning ASP.Net 4.0

Author :	Ramesh Bangia
ISBN 13 :	978-93-81068-45-8
ISBN 10 :	9381068453
E-ISBN 13 :	978-93-81068-45-8
Edition :	1
Pages :	232
Type of book :	Physical
Year :	2012
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. 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 ASP.NET
- Understanding standard controls
- Using the Navigation Controls
- Using Validation Controls
- Designing websites with Themes
- Overview of Data Access
- 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.



Environmental Science

Author :	Subrat Roy
ISBN 13 :	978-93-55380-18-0
ISBN 10 :	9355380186
E-ISBN 13 :	978-93-55380-18-0
Edition :	First
Pages :	132
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

“Environmental Science” is an audit course for the first year Diploma program 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 four units- Ecosystem, Air and Noise Pollution, Renewable Sources of Energy and Solid waste management, ISO 14000 & Environmental Management, Every unit contains as 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 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 and tables 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.

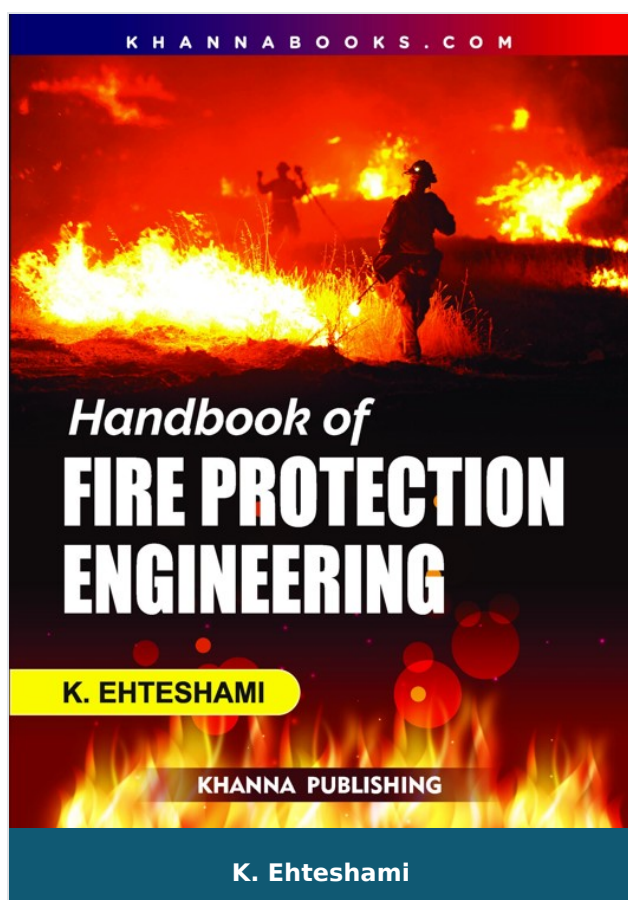
Table Of Contents

- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students,
- Ecosystem
- Air and Noise pollution
- Renewable sources of Energy
- Soil waste Management, ISO 14000& Environmental management.
- Important Day Related to Environment
- CO and Po Attainment Table
- Index.

Author

Subrat Roy

Subrat Roy



Handbook of Fire Protection Engineering

Author :	K. Ehteshami
ISBN 13 :	978-93-86173-77-5
ISBN 10 :	9386173778
E-ISBN 13 :	978-93-86173-77-5
Edition :	First
Pages :	320
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Fire and Safety Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book "Handbook of Fire Protection Engineering" is in response to the need for an up-to-date practical handbook which I believe is highly useful in providing help for engineers, architects, contractors, colleges, universities, and regulatory agencies. The direct and complete presentation of materials in this handbook is especially useful in the design and installation of modern fire protection systems. Also, there is a chapter on explosion prevention which is highly useful in woodworking shops, munition making factories, etc. Each chapter in this book focuses on the major area of concern for fire protection professionals. The chapters are organized and presented in the order that is compatible with the engineering textbook.

Table Of Contents

- Introduction to Fire Protection
- Antifreeze System
- Deluge System
- Dry Pipe System
- Exposure Protection System
- Firecycle System
- Foam
- System
- Halon
- Systems
- Preaction System
- Wet Pipe System
- Explosion Protection System
- Light Hazard Occupancies
- Ordinary Hazard Occupancies
- Extra Hazard Occupancies
- Introduction to Hydraulic
- Calculations
- Hydraulically Designed Loop and Grid
- Systems
- Fire Protection for Homes and Mobile
- Homes
- Fire Protection for Mid-Rise Buildings

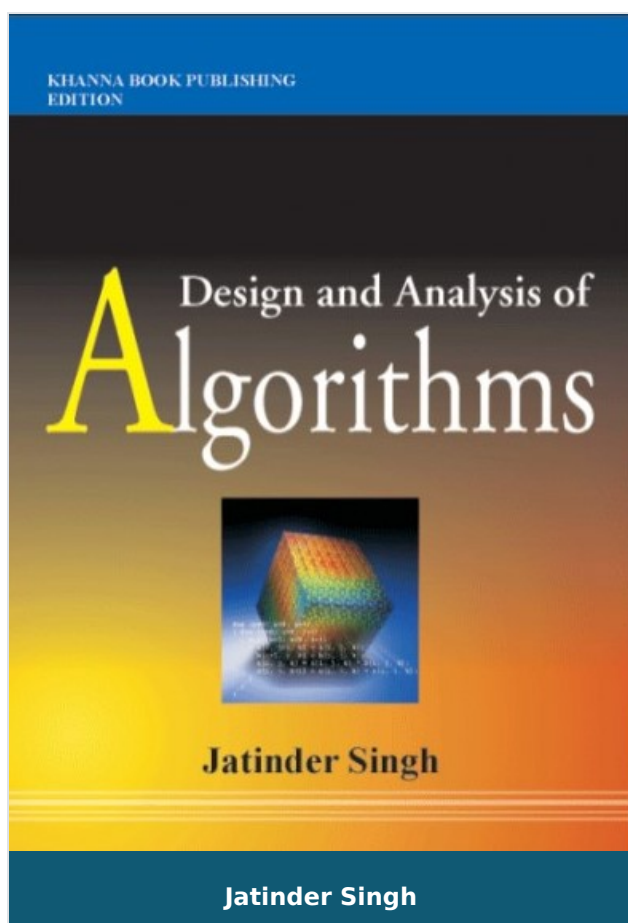
- Fire Protection for High-Rise Buildings
- Fuel Use and Storage
- Flammable or Combustible
- Liquids
- Highly Flammable Liquids and
- LPG
- Fire Protection in Industrial and Commercial
- Buildings 62
- Fire Protection in Historical
- Buildings
- Early Detection Alarms
- Fire Protection for Aircraft Hangars
- Smoke Detectors
- Fire Protection at the Job Site
- Fire Protection for Storage
- Rack Storage of Materials
- Centrifugal Fire Pumps
- Break Tanks
- Fire Service
- Fire Protection for Storage of Rubber Tires
- Fire protection Signaling Systems
- Heat Detectors
- Fire Protection for Data Processing
- Centers
- Hand-Held Extinguishers

- Carbon Dioxide Extinguishing Systems
- Dry Chemical Systems
- Fire Protection for Nuclear Power Plant
- Cooling Tower
- Safety at the Work
- Fire Safety
- Industrial Explosion Prevention
- OSHA
- Fire Safety in the Home
- Explosive Dust
- Atmospheric Tanks
- Fire Protection for Chimneys
- Fire Protection for Aircraft Cabin
- Fire Protection for Hotels
- Plant Safety and Fire Protection
- Safety Training
- Flame Retardant
- Fire Brigades
- Loss Control
- Safety Movement in the United States
- Mine Safety
- Occupational Safety Program

Author

K. Ehteshami

K. Ehteshami Keyoumars Ehteshami was born to a Khan family from Bakhtiari tribe located in Zagros mountains in southwest Iran. He finished Elementary School in Shar kord, Iran and for High School, he attended Alborz High School, a private Kschool; in Tehran. Upon graduation from Alborz he attended University of Text and obtained a Bachelor of Science degree (B.S.) in Mathematic and Physical Science. Later he obtained Professional Engineering registration (P.E.) from Princeton University. He also holds a Master degree in Business Management (M.B.A.) from National University in Los Angeles. For the past 44 years he has worked as project engineer, project manager and consulting engineer in the United States.



Design & Analysis of Algorithms

Author :	Jatinder Singh
ISBN 13 :	978-93-80016-71-9
ISBN 10 :	9380016719
E-ISBN 13 :	978-93-80016-71-9
Edition :	1
Pages :	390
Type of book :	Physical
Year :	2011
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book is an ideal text to provide in depth knowledge on design and analysis of algorithm. The purpose of the book is to make the students understand the fundamentals of design and analysis of algorithm conveniently. It is meant to be used as a text book for BSc/BCA/MCA/MSc/ B.E./B. Tech/MSc/MS/M. Tech and diploma courses, and as a reference book.

Table Of Contents

- UNIT - 1
- Data Structure Basics
- Analysis of Algorithms
- Growth of Functions
- Sorting Algorithms
- UNIT - 2
- B-trees: Balanced Trees
- Binary Search Trees
- Disjoint Sets
- UNIT - 3
- Dynamic Programming
- The Greedy Method
- Backtracking
- Divide and Conquer
- Branch and Bound
- UNIT - 4
- Chapter 2: Graphs
- Single- Source Shortest Path
- All-Pairs Shortest Paths
- Dijkstra's Algorithm
- Minimum-Cost Spanning Trees
- UNIT - 5
- String Matching

- Randomization
- Amortized Analysis of Data Structure

Author

Jatinder Singh

Er. Jatinder Singh (Asst. Professor) Dept.of I.T. , S.S.S. College of Engg. And Tech.
Gurdaspur (PB)