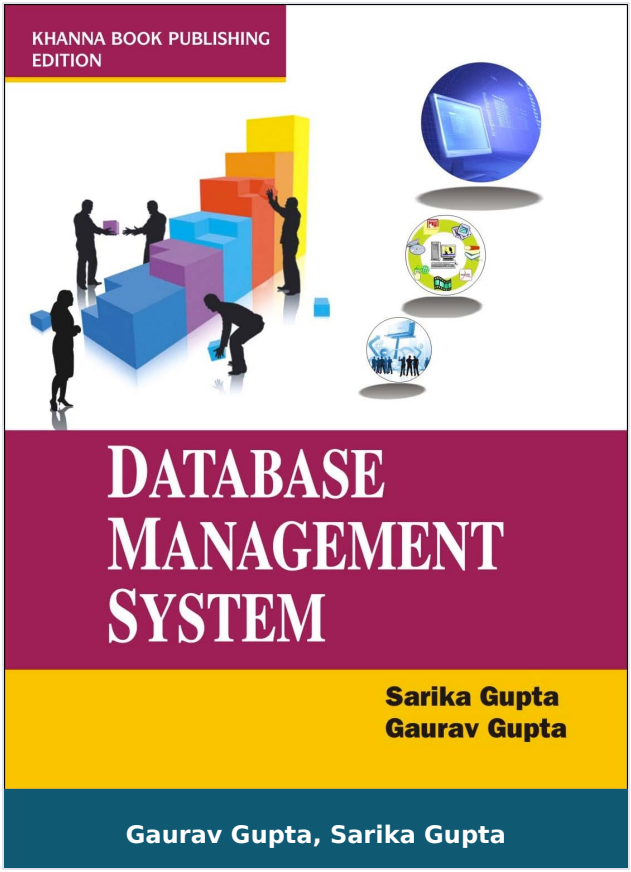


Database Management Systems

Author :	Gaurav Gupta, Sarika Gupta
ISBN 13 :	978-93-81068-26-7
ISBN 10 :	93-81068-26-7
E-ISBN 13 :	978-93-81068-26-7
Edition :	1
Pages :	490
Type of book :	Physical
Year :	2012
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 240.00
Categories :	Computer Science Engineering, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

This text book is designed to meet the requirements of the students of postgraduate and undergraduate engineering students of various branches. The book offers the concise coverage of the fundamentals of Database, Database Structures, data Modeling, ER Diagram, Introduction on SQL, Database Design, MySQL, Oracle and Distributed database etc. This book comprises of various realistic pictures in each of the chapter to give the real feel of the subject to the reader for better understanding.

Khanna Publishing House

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

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

Table Of Contents

- Introduction to Basics of Database Management System
- Data Modeling Using the E-R Model
- Relational Data Model and Language
- Introduction to SQL
- Data Base Design and Normalization
- Transaction Management and Processing Concepts
- Serializability
- Concurrency Control Techniques
- Distributed Database Concepts
- Lab Guide
- Objective Type Questions of DBMS and PL/SQL
- Introduction to My SQL and Oracle
- Question Bank
- Model Papers
- Previous Year asked Questions with Solutions
- Previous Year Questions Papers
- Index

Author

Gaurav Gupta

Gaurav Gupta is currently working as Manager Client Services in an IT MNC. He has more than Nine years of corporate experience with different MNCs. He has published Research Papers in various international Journals and attended conferences at several states. His area of interest includes Server and Databases, Data Center technologies and IT

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

infrastructure, Project Management, Marketing Automation and different enterprise software's, CRM, ERP etc.

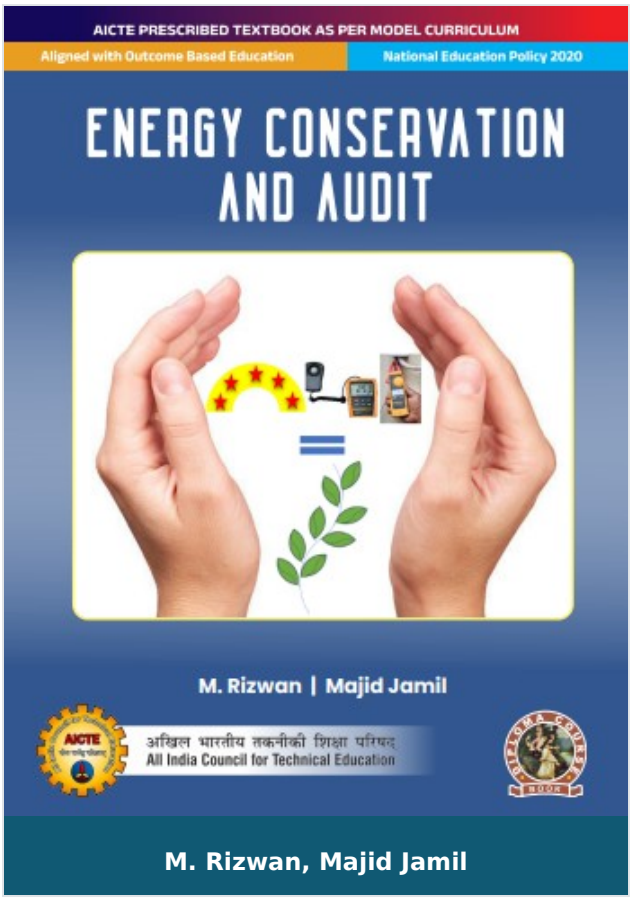
Sarika Gupta

Sarika Gupta Sarika Gupta is currently working as Assistant Professor in the Department of Computer Science and Engineering at Dronacharya College of Engineering, Greater Noida. She has more than six years of teaching and corporate experience. She has already published Research Papers in various international Journals and conferences of repute. Her area of interest and research includes AdHoc Network, Java, Object Oriented System and Soft Computing etc.

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



Energy Conservation and Audit

Author :	M. Rizwan, Majid Jamil
ISBN 13 :	978-93-55384-86-7
ISBN 10 :	93-55384-86-6
E-ISBN 13 :	978-93-55384-86-7
Edition :	First
Pages :	196
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 358.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Energy Conservation and Audit

This book explains the concept of energy conservation and audit in simple language and students' friendly manner. The book is designed to cater the needs of diploma Engineering students seeking a hand on approach in the area of energy conservation, energy audit and energy management. The book comprises of give units that includes energy conservation basics, energy conservation in electrical machines, energy conservation in electrical installation systems, energy conservation through co-generation and tariff and energy audit of electricals system.

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.

Khanna Publishing House

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

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Figures
- Energy conservation Basics
- Energy conservation in Electrical Machines
- Energy conservation in Electrical installation systems
- Energy conservation through co-generation and tariff
- Energy Audit of electrical system
- Appendix
- CO and PO Attainment table
- Index

Author

M. Rizwan

Dr. M. Rizwan Professor Department of Electrical Engineering, Delhi Technological University, Delhi, INDIA Dr.

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

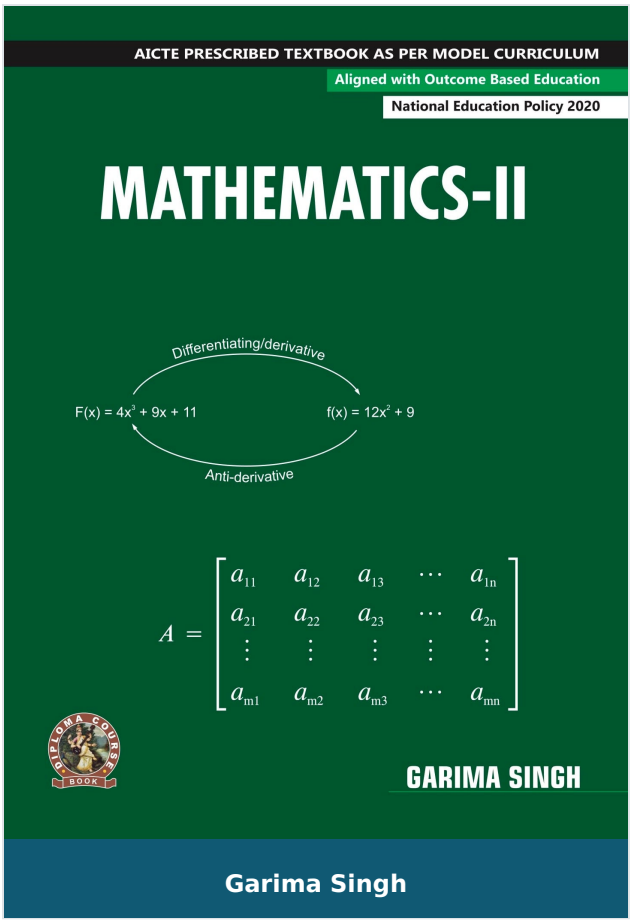
Majid Jamil

Dr. Majid Jamil Professor Department of Electrical Engineering, Jamia Millia Islamia, New Delhi, 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



Mathematics II

Author :	Garima Singh
ISBN 13 :	978-93-91505-52-3
ISBN 10 :	93-91505-52-X
E-ISBN 13 :	978-93-91505-52-3
Edition :	First
Pages :	160
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore, Ebooks, Applied Sciences & Humanities
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

“Mathematics-ll” is a Compulsory paper for the first year students of Diploma engineering courses (common to all branches). Syllabus of this book is strictly aligned to the model curriculum of AICTE. And academic content is amalgamated with the concept of outcome based education. Apart from diploma it is useful for all students who are interested in basic /elementary mathematics and competitive examinations.

Book covers seven topics- Determinants, Matrices, Integral Calculus and it’s applications. Co-ordinate Geometry and it’s applications, vectors and it’s applications, Differential equations. Basic of MATLAB.

Each topic is written in an easy and lucid manner with a holistic view. There has been deliberated attempt to keep the number of pages in the book minimum without compromising with the matter. Every chapter contains a set of exercises at the end of each unit to test the student’s comprehension.

Some salient features of the book:

1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given.

2. Objective questions and subjective questions are given for practice of students after every unit.

3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and uni Outcomes.

4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc.

5. The text has been supplemented with notes, remarks, remember sections within grey boxes.

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

6. Student and teacher centric subject materials are included in the book in a balanced manner.

7. Real life applications are inserted to improve clarity of this topics.

8. Know more section has been introduced which constitutes of additional information related to the topic.

9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB.

10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make .

11. Student have a glimpse of the rich Indian heritage, especially in the field of mathematics.

Khanna Publishing House

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

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

Table Of Contents

- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and Symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Determinants and Matrices
- Integral Calculus
- Co-ordinate Geometry
- Vector Algebra
- Differential Equations
- Appendices & Annexures

Author

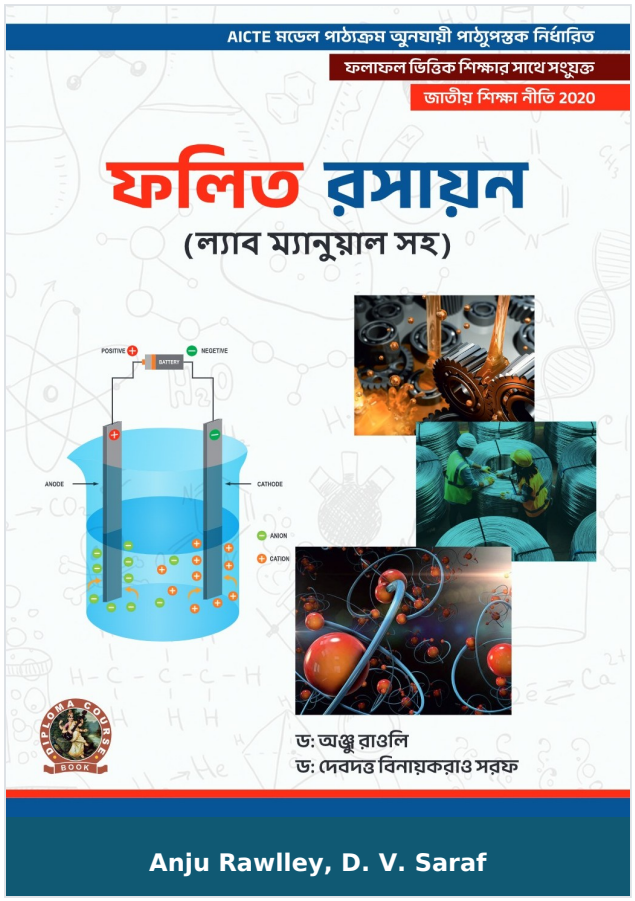
Garima Singh

Garima Singh

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



Applied Chemistry (with Lab Manual)

Author :	Anju Rawlley, D. V. Saraf
ISBN 13 :	978-93-55381-35-4
ISBN 10 :	93-55381-35-2
E-ISBN 13 :	978-93-55381-35-4
Edition :	1
Pages :	268
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Bengali Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Khanna Publishing House
4C/4344, Ansari Road, Daryaganj, New Delhi-110002
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

This text book o “Applied Chemistry” is development as per AICTE model curriculum ,2018, for compulsory course on Applied Chemistry of first years Diploma Program in Engineering and Technology. Atomic Structure, Chemical Bonding & Solution, Water, Engineering Materials, Chemistry of fuels & Lubricants and Electrochemistry are the five units of this book, comprising of both practical and theory.

Some salient features of the book:

1. Course Outcomes and Unit Outcomes are written specifically and are mapped with program Outcomes.

2. Utmost care have been taken to amalgamate the philosophy of outcome based education.

3. The structure of the textbook is comprehensive, where in practical exercises are integral part of each unit.

4. The text is presented in a very simple way with illustrations, examples, tables, flow chart, self -assessment questions and their solutions.

5. Micro projects, points/issue for the creative inquisitiveness & curiosity, know more, video links, case study and summary points are integral part of each unit to facilitate the students to develop the attitude of scientific inquiry, investigate the cause and effect relationship, systematic, scientific & logical thinking , ability to observe, analyse and interpret.

6. To meet the requirement of outcome based education (OBE) and outcome based assessment (OBA), criterion referenced testing (CRT) have been used as an integral part of assessment in each practical.

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

7. Sample QR codes have been provided in each units on some topics/sub topics for supplementary reading and reinforcing the learning.

Khanna Publishing House

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

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcomes Based Educations
- Course Outcomes Abbreviations and Symbols
- List of Figures List of Tables
- Guidelines for Teachers
- Guidelines for students
- Atomic Structure, Chemical Bonding and Solutions.
- Water.
- Engineering Materials.
- Chemistry of Fuels and Lubricants.
- Electro Chemistry.

Author

Anju Rawlley

Anju Rawlley Devdatta Vinayakarao Saraf

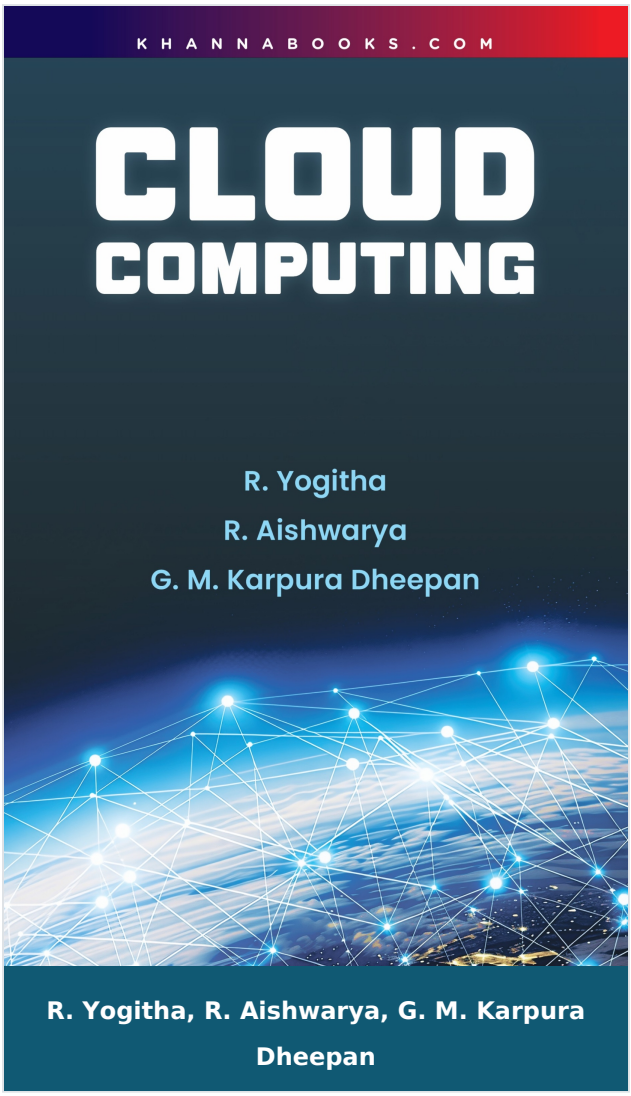
D. V. Saraf

D. V. Saraf </p

Khanna Publishing House

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

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



Cloud Computing

Author :	R. Yogitha, R. Aishwarya, G. M. Karpura Dheepan
ISBN 13 :	978-93-55385-46-8
ISBN 10 :	93-55385-46-3
E-ISBN 13 :	978-93-55385-46-8
Edition :	First
Pages :	104
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 260.00
Categories :	Bookstore, Sathyabama Series
Condition Type :	New
Country Origin :	India

Product Description

Cloud Computing

This comprehensive textbook provides a structured and authoritative introduction to Cloud Computing. guiding readers from foundational principles to advanced real-world applications. It serves as an essential resource urce for students, IT professionals, and researchers seeking to master the technologies that power modem digital infrastructure The book clearly outlines the origins and essential characteristics of cloud environments, such as Rapid Elasticity, Broad Network Access, and Measured Service, setting the stage for deep dives into implementation. It thoroughly examines the cloud infrastructure, covering foundational technologies like data center components, power efficiency metrics (PUE), and the multi-level implementation ofvirtualization across CPU, Memory, and I/O. A significant portion is dedicated to cloud architecture, detailing the fundamental service models (SaaS, PaaS, laaS) and various deployment models (Public, Private, Hybrid). Finally, a major focus is placed on cloud security, detailing the CIA Triad, Zero Trust principles, and modem DevSecOps practices crucial for designing and deploying secure cloud software. By covering these core concepts and modern storage systems (Object. NoSQL Databases), this book delivers both the academic knowledge and the practical value needed to confidently design, manage, and secure scalable cloud solutions.

Salient Features:

- **Core Cloud Characteristics**: The book meticulously details the defining aspects of cloud computing, such as Rapid Elasticity, Meaaured Service. and On-demand Seli service, contrasting them with traditional IT models for a clear understanding of cloud value
- **Advanced Infrastructure**: Features an in-depth exploration of data center design, including.crucial topics like calculating Power Usage Effectiveness (PUE) and

implementing robust power redundancy configurations (N+1, 2N forhigh for high reliability

- **Multi-Level Virtualization**: Explains the foundational role of virtualization by detalling the implementation levels across CPU, Memory, and I/D, including hypervisor types and the mechanics of creating virtual machines
- **Cloud Security Focus:** Provides dedicated coverage of Cloud Computing Software Security. focusing on the CIA Triad (Confidentiality, Integrity, Availability), Zero Trust principles, and legal compliance requirements.
- **Secure Development Practices**: Highlights the adoption of modem security methods like DevSecOps and Secure Development Practices to integrate security into the CI/CD pipeline and mitigate risks from the requirements phase onwards.
- **Comprehensive Service Models**: Offers a detailed comparative analysis of the three fundamental service models-laaS, Paas, and Saas complete with their respective features, benefits, and roies within various cloud architecture
- **Modern Cloud Storage**: Delves Inte scalable data management, covering distributod file systems (HDFS, Ceph FS), NoSOL doud databases (MongoDB, Dynamo DB), and industry-leading Object Storage solutions (Amazon 53, Ceph).

Khanna Publishing House

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

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

Table Of Contents

- Cloud Introduction
- Cloud Infrastructure
- Cloud Architecture
- Cloud Computing Software Security
- Cloud Storage

Author

R. Yogitha

R. Yogitha Associate Professor, Dept of CSE, Sathyabama Institute of Science and Technology

R. Aishwarya

R. Aishwarya Associate Professor, Dept of CSE, Sathyabama Institute of Science and Technology

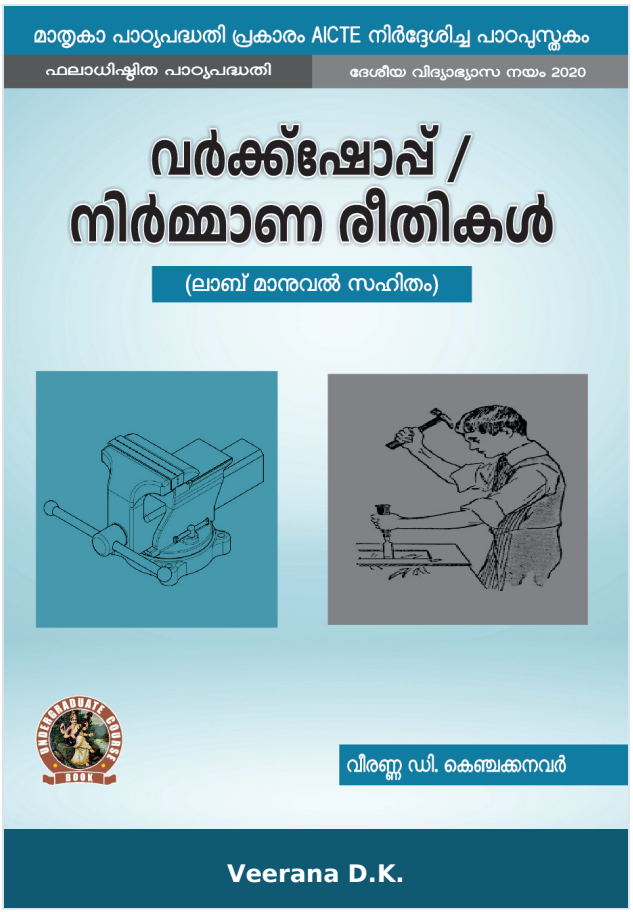
G. M. Karpura Dheepan

G. M. Karpura Dheepan Associate Professor, Dept of CSE, Sathyabama Institute of Science and Technology

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



Workshop / Manufacturing Practices (with Lab Manual)

Author :	Veerana D.K.
ISBN 13 :	978-93-55381-54-5
ISBN 10 :	93-55381-54-9
E-ISBN 13 :	978-93-55381-54-5
Edition :	1
Pages :	240
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Bookstore, Ebooks, Malayalam Books
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 mounding, glass cutting
7. Metal casting
8. Welding (arc welding & gas welding), brazing

9. Laboratory experiments and models

10. Appendices

11. References

Khanna Publishing House

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

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- 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 molding, glass cutting.
- Metal casting, welding (arc welding & gas welding), brazing.
- Part- B: Workshop Practice Laboratory
- Appendices
- References

Author

Veerana D.K.

Khanna Publishing House

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

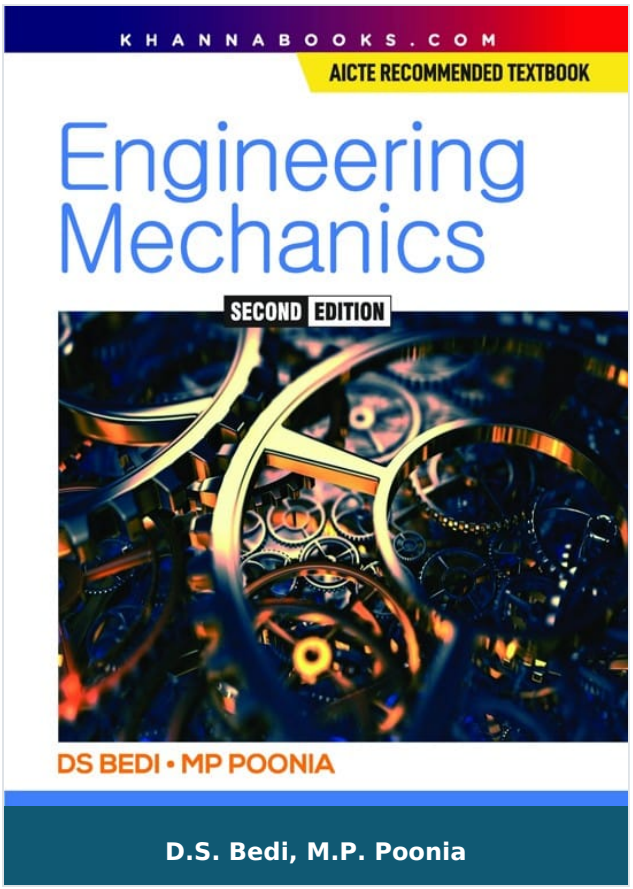
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

The 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: l Manufacturing Methods l CNC Machining, Additive manufacturing l Fitting operations & power tools l Electrical & Electronic l Carpentry l Plastic mounding, glass cutting l Metal casting l Welding (arc welding & gas welding), brazing l Laboratory experiments and models l Appendices l References

Khanna Publishing House

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

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



Engineering Mechanics

Author :	D.S. Bedi, M.P. Poonia
ISBN 13 :	978-93-86173-26-3
ISBN 10 :	93-86173-26-3
E-ISBN 13 :	978-93-86173-26-3
Edition :	Second
Pages :	596
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 525.00
Categories :	Mechanical Engineering, University Recommended, Mechanical Engineering, Bookstore
Condition Type :	New
Country Origin :	India

Khanna Publishing House
4C/4344, Ansari Road, Daryaganj, New Delhi-110002
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

This book is based on expertise of the authors obtained through their long teaching careers. It is put up in a simple language so that it could cater to one and all.

The attention of the students is drawn to the topics of bending moments and twisting moments which are not properly explained in most of other books. They have been explained with the help of Vectors, which are used to present these quantities in such a way that one can easily distinguish between these two, as what is Bending moments and what is Twisting Motions.

Khanna Publishing House

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

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

Table Of Contents

- Two Dimensional Force System
- Friction
- Shearing Force and Bending Moment in Beams
- Truss
- Centroid, Centre of Gravity, Second Moment of Area and moment of Inertia
- Kinematics of Rigid Body
- Kinetics of Rigid Bodies
- Simple Stress and Strain
- Elastic Constants, Complex Stresses and Strain Energy
- Pure Bending of Beams
- Torsion
- INDEX
- IMPORTANT MATHEMATICAL FORMULAE

Author

D.S. Bedi

Dr. D.S. Bedi is one of the distinguished writers in India. He possesses a very excellent academic background. He had held various high positions viz. formerly Professor Emeritus at Department of Mechanical Engineering, Institute of Engineering and Technology (Punjab); Professor & Head, Dept. of Mechanical Engineering,Thapar Institute of Engineering & Technology (Punjab); Visiting Professor at Wayne State University, Detroit, MI (USA); Principal, Baba Banda Singh Bahadur Engineering College, (Punjab); Advisor-cum-Consultant at G.G.S. College of Modern Technology (Punjab); Director, Punjab College of Engineering; Technology, Punjab.

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

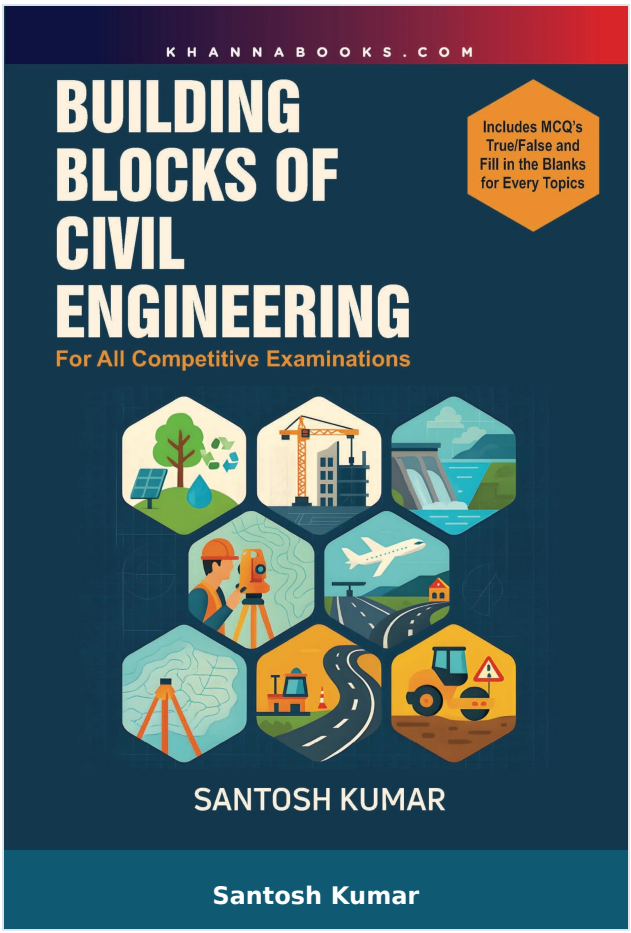
M.P. Poonia

Dr. M.P. Poonia is presently serving as Vice Chairman, All India Council for Technical Education (AICTE). Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh. Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata. Dr. M.P.Poonia is specialized in the field of Mechanical Engineering. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 8 books with M/s. Khanna Book Publishing Company.

Khanna Publishing House

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

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



Building Blocks of Civil Engineering (for All Competitive Examinations)

Author :	Santosh Kumar
ISBN 13 :	978-93-55383-37-2
ISBN 10 :	93-55383-37-1
E-ISBN 13 :	978-93-55383-37-2
Edition :	1
Pages :	432
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 498.00
Categories :	Objective Type Books, New Arrivals, Bookstore
Condition Type :	New
Country Origin :	India

Khanna Publishing House
4C/4344, Ansari Road, Daryaganj, New Delhi-110002
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

This book is designed essentially to support and guide Civil Engineering graduates writing competitive examinations like GATE, ESE and State level and other similar test. This is the only book which besides 1786 MCQs, includes 1229 Fill-in-the blanks and 1189 True &False type questions. Additional feature included is 867 important definitions. Readers of this book are advised to read this book along with textbooks. If they have any queries or suggestions, please send them to the publisher.

Khanna Publishing House

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

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

Table Of Contents

- Forewords
- Preface
- About the Author
- Section 1: Airport Engineering
- Section 2: Construction- planning and Management
- Section 3: Dams
- Section 4: Docks and Harbours
- Section 5: Engineering Geology
- Section 6: Engineering Mathematics
- Section 7: Environmental Science
- Section 8: Fluid mechanics and Hydraulic machines
- Section 9: Groundwater
- Section 10: Hydrology
- Section 11: Irrigation
- Section 12: Materials
- Section 13: Open Channel Flow
- Section 14: Railway Engineering
- Section 15: R.C. Structures
- Section 16: River Engineering
- Section 17: Soil Mechanics and Foundation Engineering
- Section 18: Steel Structures
- Section 19: Strength of Materials
- Section 20: Structural Analysis

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

- Section 21: Surveying
- Section 22: Transportation Engineering
- Section 23: Tunneling

Author

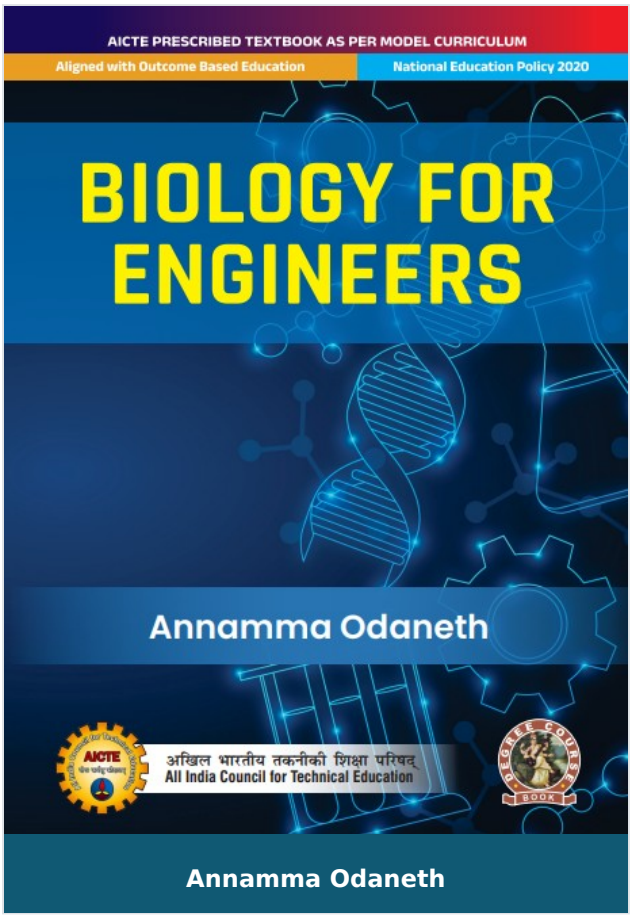
Santosh Kumar

Prof. Santosh Kumar, Former Professor of Civil Engineering at the Bihar College of Engineering/NIT Patna, obtained his Bachelor's degree in Civil Engineering from Regional Institute of technology/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph.D from Patna University. Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science. Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a Fellow of Institution of engineers India; Chairman Indian Water Resources Society (Patna Chapter).

Khanna Publishing House

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

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



Biology for Engineers

Author :	Annamma Odaneth
ISBN 13 :	978-93-55386-98-4
ISBN 10 :	93-55386-98-2
E-ISBN 13 :	978-93-55386-98-4
Edition :	First
Pages :	252
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 464.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Biology for Engineers

This text book on Biology for Engineers provides foundation of the subject to the reader. It familiarizes readers to important basic technical concepts of cell, its parts, its characterization and other basic biology topics that are the backbone of any work done. The main concept of this book is aligned with the model curriculum of AICTE followed by concept of outcome-based education as per National Education Policy (NEP) 2020.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR Code for E-resources, 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.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Unsolved problems are solved with systematic steps.

Khanna Publishing House

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

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines For Teachers
- Guidelines For Students
- List Of Figures
- List Of Tables
- INTRODUCTION
- CLASSIFICATION
- GENETICS
- BIOMOLECULES
- ENZYMES
- INFORMATION TRANSFER
- MACROMOLECULAR ANALYSIS
- METABOLISM
- MICROBIOLOGY
- CO-PO Attainment Table
- Index

Author

Annamma Odaneth

Khanna Publishing House

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

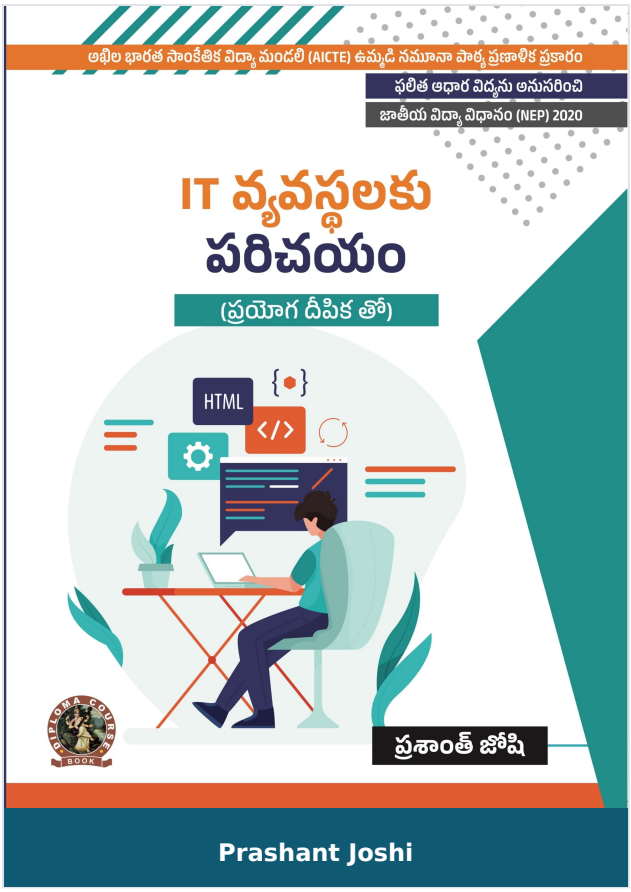
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

DR. ANNAMMA ODANETH (PhD) Associate Professor DBT-ICT Centre for Energy Biosciences Institute of Chemical Technology Nathalal Parikh Marg Matunga, Maharashtra

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



Introduction to IT Systems (with Lab Manual)

Author :	Prashant Joshi
ISBN 13 :	978-93-91505-10-3
ISBN 10 :	93-91505-10-4
E-ISBN 13 :	978-93-91505-10-3
Edition :	1
Pages :	312
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Telugu Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“INTRODUCTION TO IT SYSTEMS” 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 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 easy ad lucid manner. Every unit 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 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 topics. OR 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 exercises are given for practice of students after every chapter.

Khanna Publishing House

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

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

Table Of Contents

- 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

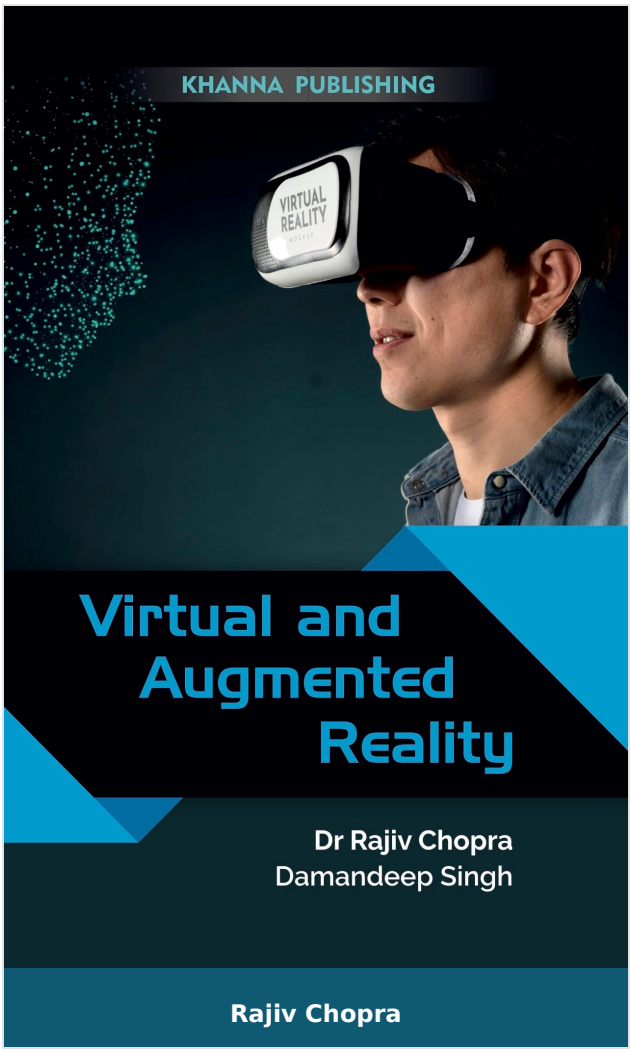
Prashant Joshi

Prashant Joshi

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



Virtual and Augmented Reality

Author :	Rajiv Chopra
ISBN 13 :	978-93-90779-00-0
ISBN 10 :	93-90779-00-6
E-ISBN 13 :	978-93-90779-00-0
Edition :	First
Pages :	188
Type of book :	Physical
Year :	2021
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 199.00
Categories :	Emerging Technologies, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Tapping the full power of virtual and augmented reality need not be very difficult. This book on Virtual and Augmented Reality is written according to the students who have learned computer graphics and multimedia but want to take their skills to the next level. VR and AR book demonstrates techniques that allow you to analyze how virtual reality is covering almost all aspects of our life. the increasing penetration of VR and AR gives rise to some new strategic queries. Using VR, many companies have satisfied their customers to 95% World giants like GE, Mayo Clinic and the US Navy, are using VR and AR to improve productivity, quality and training. By concatenating the benefits of humans and machines, AR will dramatically increase the value creation.

Khanna Publishing House

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

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

Table Of Contents

- Introduction to Virtual Reality
- Geometric Modelling
- Virtual Environment
- VR Hardware and Software
- VR Application
- Appendix: Deep Learning with Virtual Reality
- References
- Index

Author

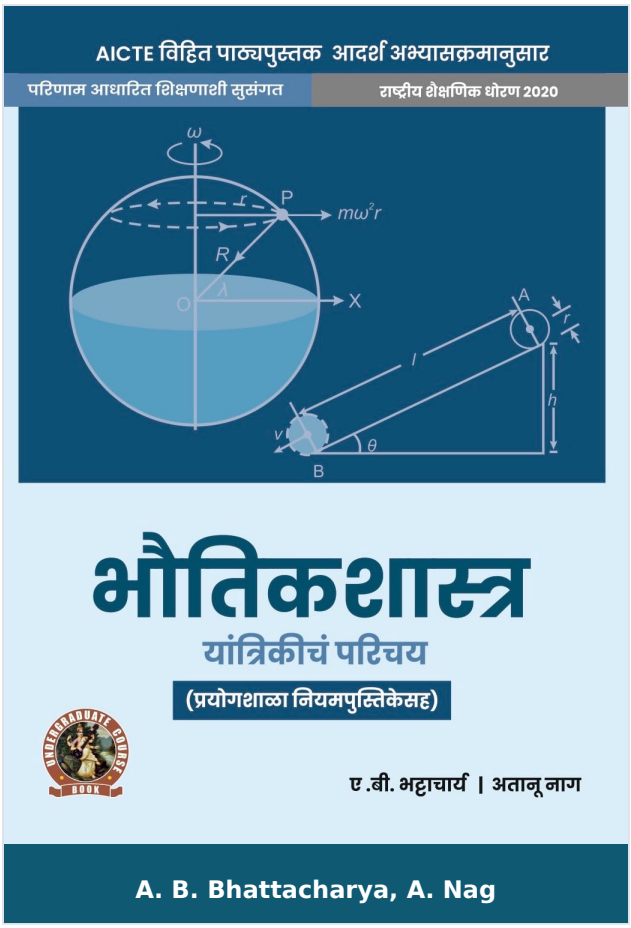
Rajiv Chopra

Dr. Rajiv Chopra has a Doctorate in Computer Science from Banasthali VidyaPith University. The author is M. Tech. in Information Technology from GGSIPU, Delhi. He did BE (CSE) from SDM College of Engg. and Technology, Dharwad and MIT from MAHE. He is working as an Associate Professor in CSE Department at Guru Tegh Bahadur Institute of Information Technology, GGSIPU Delhi. As an educator he has contributed to 21 research publications in Refereed, cited International Conferences and International Journals and attended 21 conferences, workshops, FDPs and seminars. He is a prolific author with 26 Text and Reference books to his credit,for B. Tech. (CSE/IT), M. Tech. (CSE/IT), BCA, MCA and other courses of different Universities of India.

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



Physics (Introduction Mechanics)

Author :	A. B. Bhattacharya, A. Nag
ISBN 13 :	978-93-55380-30-2
ISBN 10 :	93-55380-30-5
E-ISBN 13 :	978-93-55380-30-2
Edition :	First
Pages :	228
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

Physics: Introduction to Mechanics has been written for the first year students of B Tech Engineering Degree Courses of all Indian Universities following the guideline and syllabus as recommended by AICTE. The book, written in a very simple and lucid way, will be very much helpful to reinforce understanding of different aspects to meet the engineering student’s needs. Writing a text-cum manual of this category poses several challenges providing enough content without sacrificing the essentials, highlighting the key features, presenting in a novel format and building informative assessment. This book on engineering physics will prepare students to apply the knowledge of Mechanics to tackle 21 century and onward engineering challenges and address the related questions.

Some Salient features of the book:

· Expose basic science to the engineering students to the fundamentals of physics and to enable them to get an insight of the subject.

· To develop knowledge on critical questions solved and supplementary problems covering all type of medium and advanced level

· Under problems in a very logical and systematic manner.

· Some essential information for the user the heading “Know more” for clarifying some basic information as well as comprehensive synopsis of formulae for a quick revision of the basic principles.

· Constructive manner of presentation so that an Engineering degree students can prepare to work in different sectors or in national laboratories at the very forefront of technology.

Khanna Publishing House

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

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teachers
- Guidelines for Students
- Introductory Mechanics
- Conservation Principles
- Dynamics of Particles
- Oscillations
- Rotational Motion
- Dynamics of a Right Body
- Table of Physical Constants
- Appendices
- Annexures
- References for Further learning
- CO and PO Attainment Table
- Index

Khanna Publishing House

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

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

Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness hon0red him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lighting is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.

A. Nag

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

A. Nag Dr. Atanu Nag did his M. Sc. in 2007 and Ph. D. in 2013 from the University of Kalyani. He has published over 50 Journal papers and 5 books for Science & Engineering students. Presently he is the Head and Associate Professor in the Department of Physics, Modern Institute of Engineering & Technology, Hooghly, West Bengal.

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