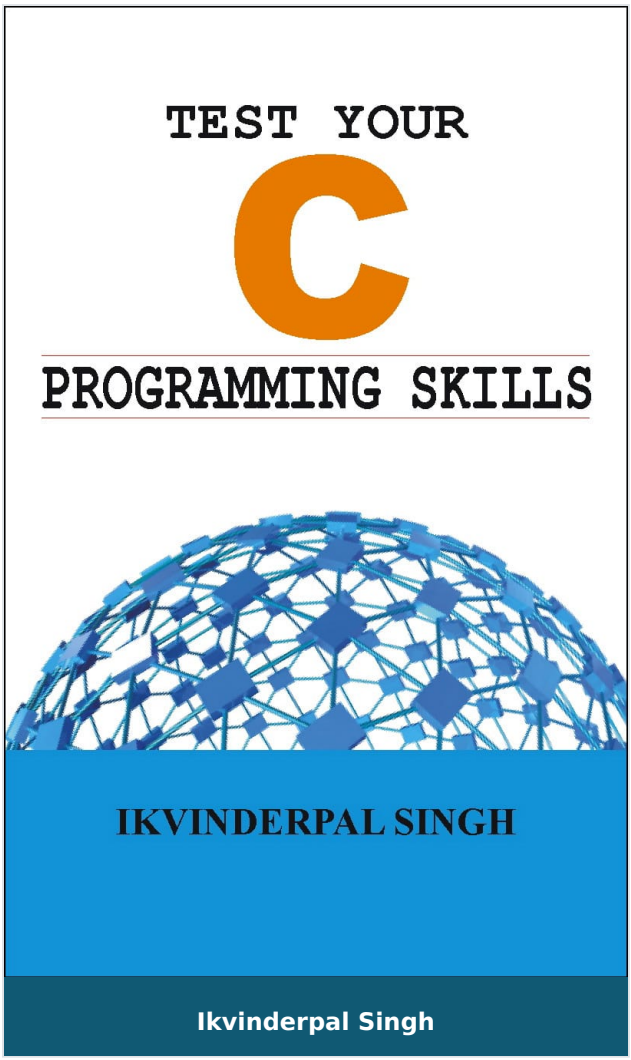

Test Your C Programming Skills

Author :	Ikvinderpal Singh
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E-ISBN 13 :	978-93-80016-25-2
Edition :	1
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Product Description

This book will teach you how to explore the immense potential of C, with lucid explanations to elusive solutions. Many of the Degrees or diplomas or certified programs being conducted in computer science and Information Technology field, it has indeed become difficult for software development companies to separate chaff from the grain. Hence many of the IT companies conduct written test in C language. Through on the face of it C language appears to be simple but it has number of features which can challenge the best in the field. This book will be an excellent guide for aspiring IT professionals and a valuable resource bank, for IT companies, to frame placement papers and technical interviews. Each chapter contains code snippets, Fill in the Blanks, True or false and Objective Type Questions.

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- Storage Classes
- Pointers
- Structure and Union
- Files
- C Preprocessor
- C Traps

Author

Ikvinderpal Singh

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

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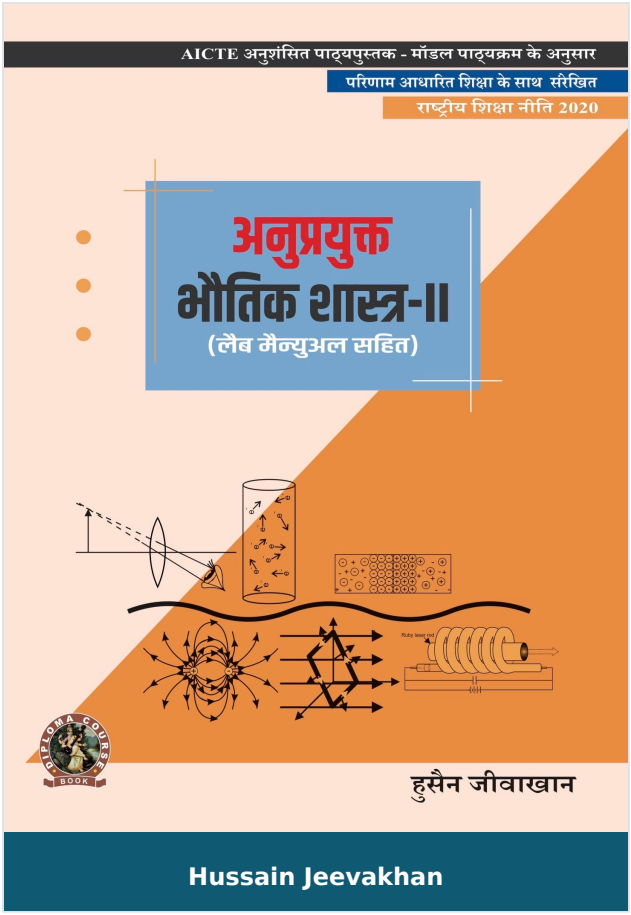

Applied Physics-II (with Lab Manual)

Author :	Hussain Jeevakhan
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ISBN 10 :	9355381921
E-ISBN 13 :	978-93-55381-92-7
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Publisher :	Khanna Publishing House
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Condition Type :	New
Country Origin :	India

Product Description

“Applied Physics-II” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE).

Book covers seven topics- Wave motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning.

Some salient features of the book:

1. Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes.

2. Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit.

3. Content presented in book in chronological way.

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

5. Solved examples are given with systematic steps.

6. MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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- Guidelines for Teachers,
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- Wave Motion and its applications
- Optics
- Electrostatics
- Current Electricity
- Electromagnetism
- Semiconductor physics
- Modern physics
- Index

Author

Hussain Jeevakhan

Hussain Jeevakhan-789391505578(DIP126EN) “Applied Physics-ll” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE). Book covers seven topics- Wave

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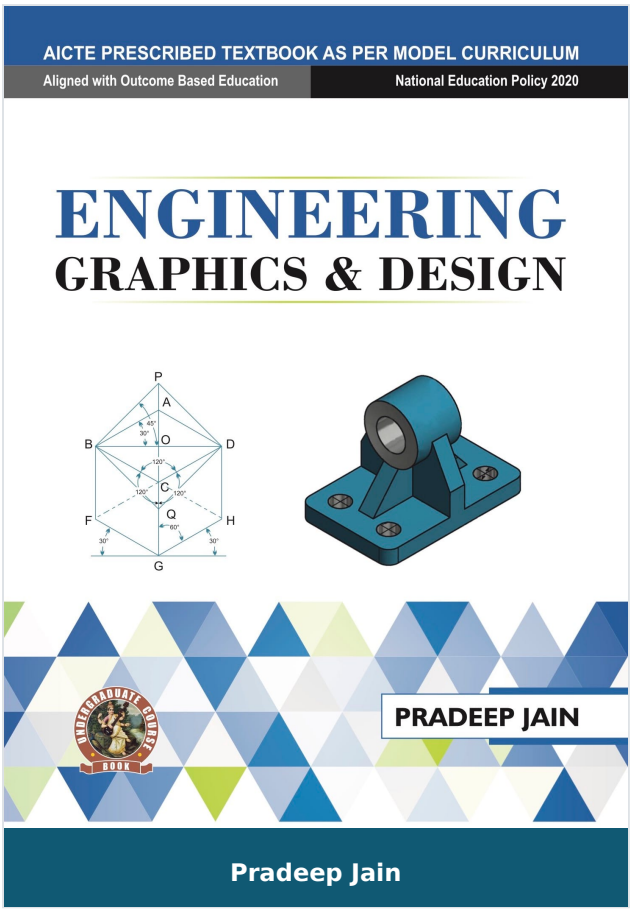

Engineering Graphics & Design

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Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

Salient Features:

1. Introduction of Engineering Drawing.
2. Orthographic Projection.
3. Projection of Solids.
4. Section of Solids and Development of Surfaces.
5. Isometric Projection.
6. Overview of Computer Graphics.
7. CAD Drawing.
8. Solid Modelling.
9. Team Design Project.

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- Sectional Views of Solids
- Isometric Projection
- Overview of Computer Graphics
- Customisation &CAD
- Annotation Layers and 3D Modelling
- Projects
- Reference
- CO and Po Attainment Table
- Index.

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Author

Pradeep Jain

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.

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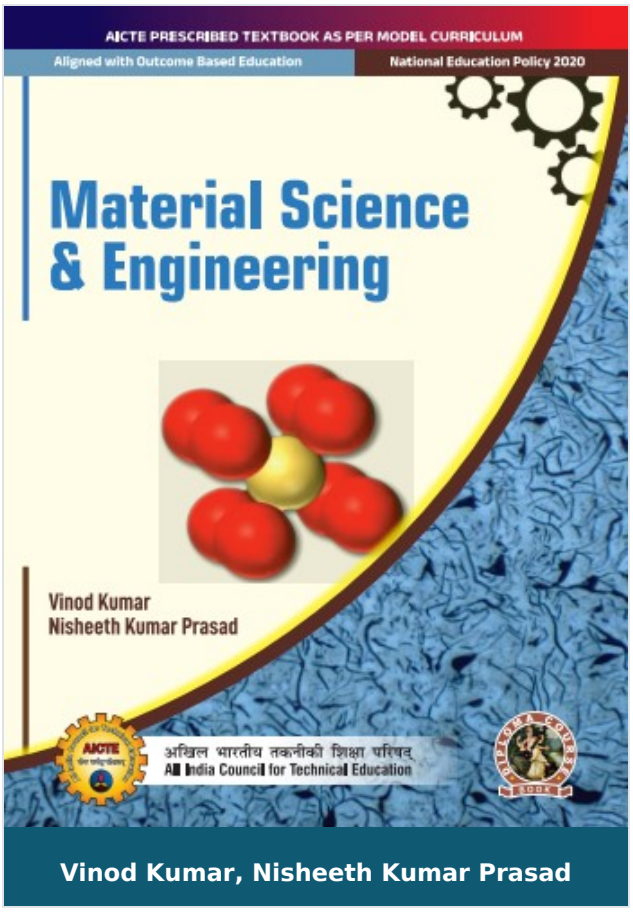

Material Science & Engineering

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Product Description

Material Science & Engineering

This comprehensive textbook meticulously navigates through the foundational principles of atomic structures, phase diagrams, materials properties of ferrous and non-ferrous alloys, failure analysis and various materials testing methods, and surface engineering of metallic materials.

Key contribution from India in various section of material engineering has also been included at appropriate place to provide due credit to our Indian knowledge system. Every chapter includes not only the summary at the end of the chapter, but also relevant exercise problems to understand and explore the complex integration of materials, their behavior under diverse conditions, and the methodologies shaping their design and industrial utilization. Finally, this book will equip students with the knowledg4e of material science and engineering who will be tomorrow’s engineers, and backbone of our industries.

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.

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- 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.

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- Non-Ferrous Metals and Their Alloys
- Failure Analysis and Testing of Materials.
- Corrosion and Surface Engineering
- CO and PO Attainment Table
- Index

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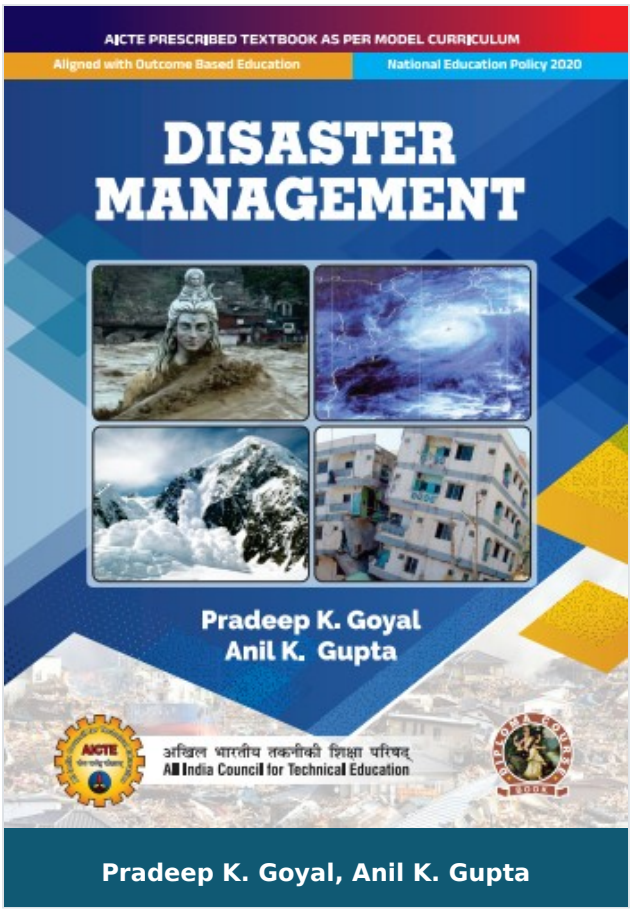

Disaster Management

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Condition Type :	New
Country Origin :	India

Product Description

Disaster Management

This book has been written to provide a broad overview of the subject of disaster management for undergraduate students. Main purpose of the book is to help students to understand and develop strategies for effective disaster risk reduction. The main content of this book is aligned with the model curriculum of AICTE followed by the 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 completion that unit.
- Book provides lots of recent information, interesting facts, QR Codes for E-resources, QR Codes for use of ICT, projects, group discussion etc.
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- Short questions, objective questions are long answer exercises are given for practice of students after every chapter.

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- DISASTER RISK REDUCTION
- DISASTERS, ENVIRONMENT AND DEVELOPMENT
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Author

Pradeep K. Goyal

Dr. Pradeep K. Goyal Assistant Professor, Dept. of Civil Engineering Delhi Technological University Delhi Prof.

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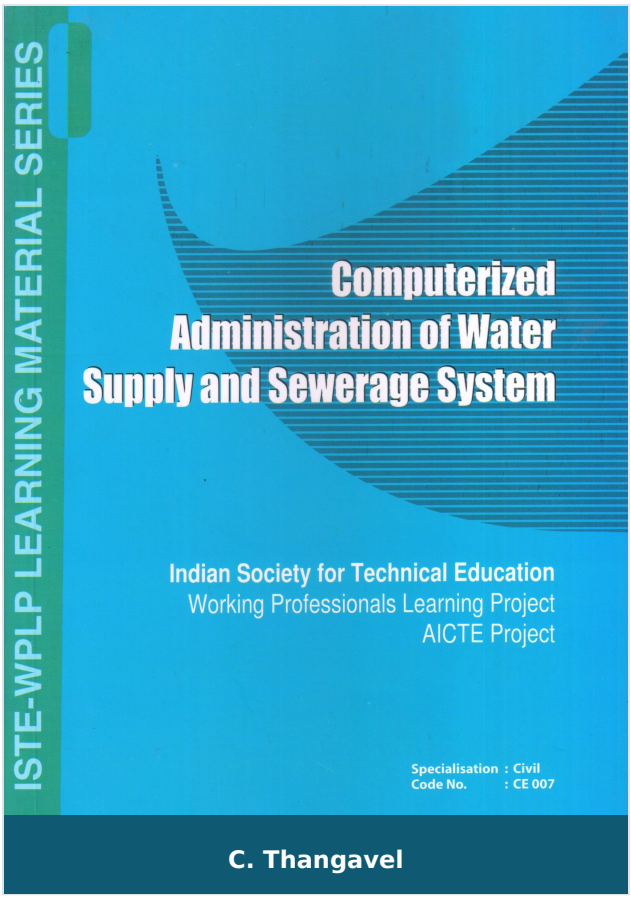

Computerized Administration of Water Supply and Sewerage System

Author :	C. Thangavel
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Product Description

Through working professionals need to spend enough time to learn the state-of-art-technology to improve the existing system, it may be very difficult for them to spare enough time to cope with the tremendous technological changes take it is designed and developed keeping view of their requirements. The main objective of this book is to enable the professionals to identify, update and enhance their knowledge on the technology and put to use in a perfect way to deliver better services to the citizens/customers with sustainability. It has the following important features.

1. Advantages and need for computerization.
2. Procedure to identify the requirements and appropriate technology to use.
3. Steps to be followed during the process of system development and implementation.
4. Data analysis cum mining for decision support.
5. External interfaces for easy integration.
6. Important steps for sustaining the system.

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- External Interfaces for the proposed System
- Evaluation of the Computerized System
- Implementation Issues of the Computerized System
- Annual Maintenance Contract (AMC)
- Procedure for Enhancement/ Upgradation
- Case Study
- Annexure

Author

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Applied Physics-II (with Lab Manual)

Author :	Hussain Jeevakhan
ISBN 13 :	978-93-91505-12-7
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- Electrostatics
- Current Electricity
- Electromagnetism
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Author

Hussain Jeevakhan

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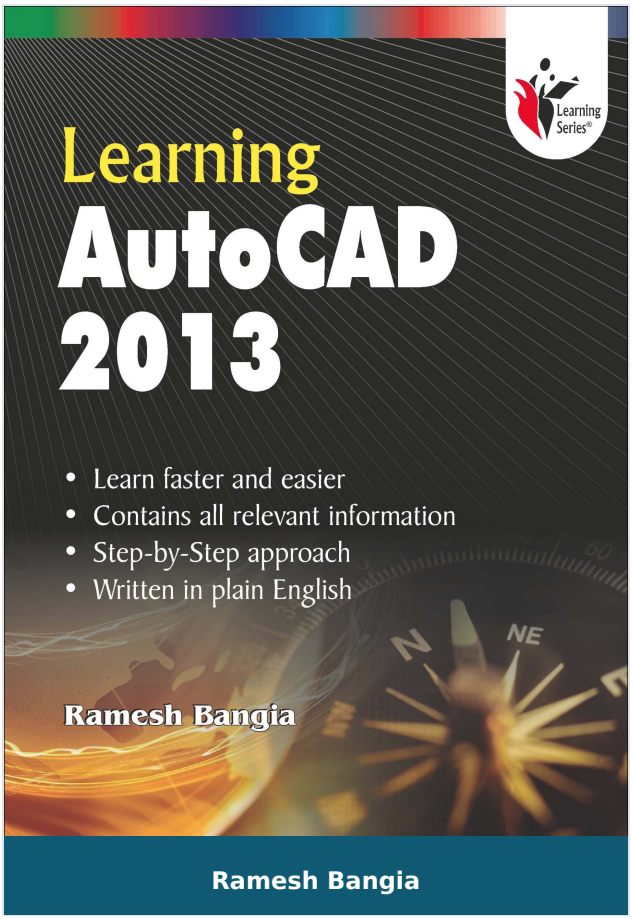

Learning AutoCAD 2013

Author :	Ramesh Bangia
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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 sceen 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.

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- Glossary Of Keywords Of AutoCad 2013
- Questiton

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 Ease and African countries.

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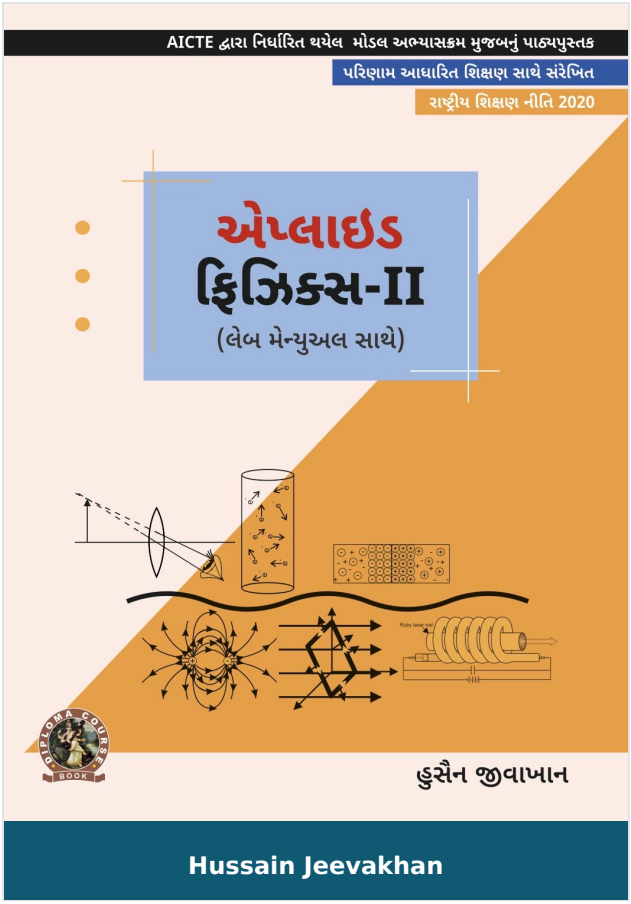

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2. Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit.

3. Content presented in book in chronological way.

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

5. Solved examples are given with systematic steps.

6. MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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Author

Hussain Jeevakhan

Hussain Jeevakhan-789391505578(DIP126EN) “Applied Physics-ll” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE). Book covers seven topics- Wave

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motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning. Some salient features of the book: l Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes. l Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit. l Content presented in book in chronological way. l Figures, tables and equations are given to improve clarity of the topics. l Solved examples are given with systematic steps. l MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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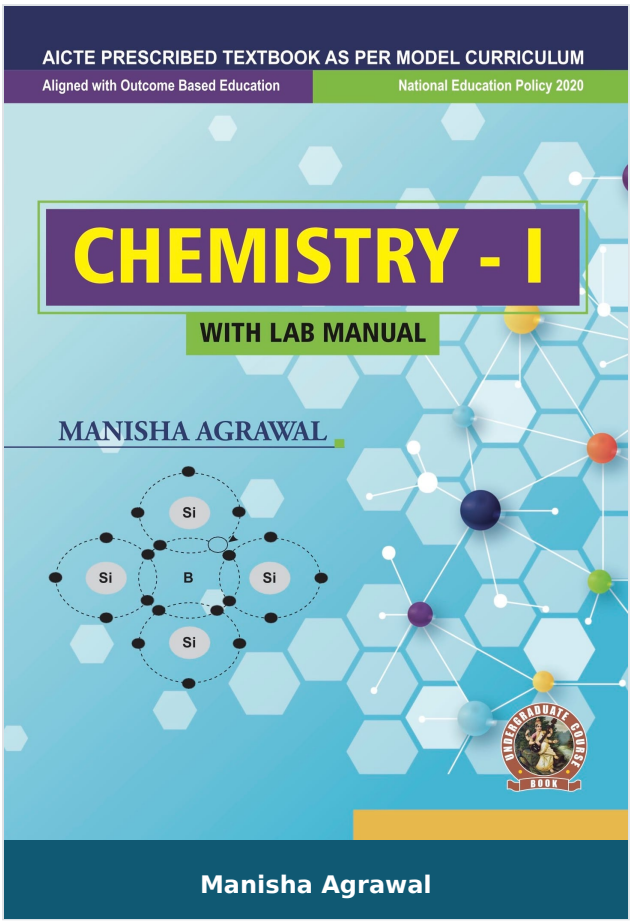

Chemistry I (with Lab Manual)

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Product Description

“Chemistry-I” is a compulsory paper for the first year Undergraduate 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 seven topics- Atomic and molecular structure, Spectroscopic Technique and applications, Inter-molecular Forces and Potential Energy Surfaces, Use of Free Energy in Chemical Equilibrium, Periodic Properties, Stereo-chemistry, Organic Reactions and Synthesis of Drug Molecules. Each topic is written is easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test student’s comprehension.

Salient Features:

Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for us of ICT, Projects group discussion etc. Students and teacher centric subject materials included in book with balanced and chronological manner. Figures, tables, chemical equations and comparative charts 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. Solved and unsolved problems including numerical examples are solved with systematic steps.

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