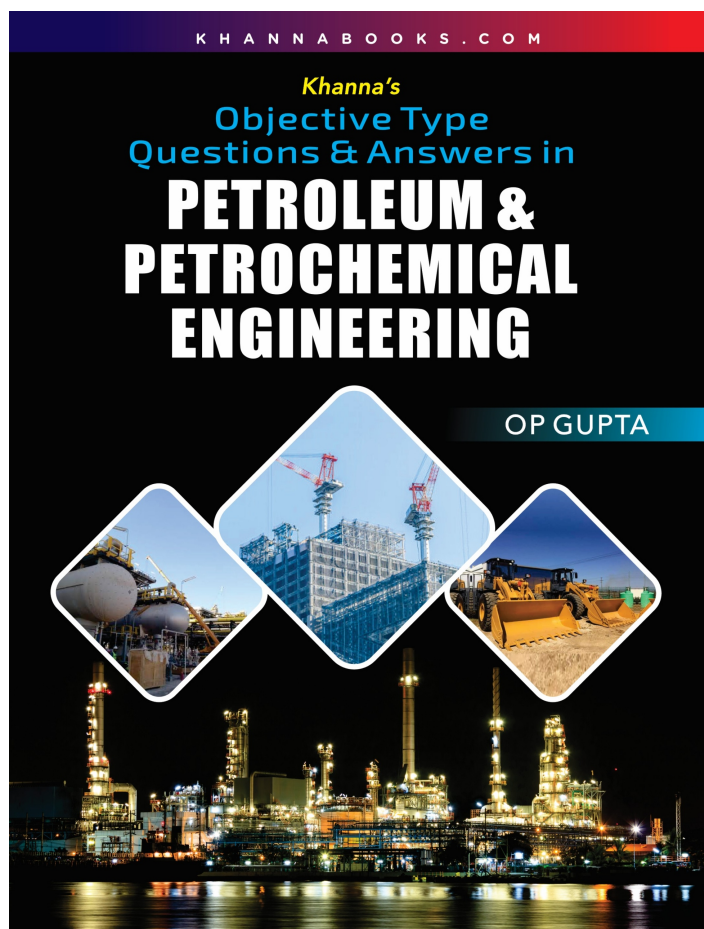




Khanna's Objective Type Questions & Answers in Petroleum & Petrochemical Engineering

Author :	O.P. Gupta
ISBN 13 :	978-93-74543-20-7
ISBN 10 :	93-74543-20-6
E-ISBN 13 :	978-93-74543-20-7
Edition :	First
Pages :	256
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	Chemical Engineering, OBJECTIVE TYPE BOOKS
Condition Type :	New
Country Origin :	India

Product Description

Objective Type Questions and Answers in Petroleum & Petrochemical Engineering is a comprehensive academic resource designed to provide a deep and structured understanding of the oil and gas industry. Authored by Om Prakash Gupta, a seasoned expert with extensive industrial experience at Bokaro Steel Plant, this book serves as an essential guide for mastering the technical nuances of petroleum refining and petrochemical manufacturing. Its core theme revolves around bridging the gap between theoretical engineering principles and their practical applications in the energy sector.

The book is meticulously divided into two primary sections: Petroleum Engineering and Petrochemical Engineering. Each part features a rich repository of objective-type questions, detailed short-answer explanations, and a specialized glossary of terms to ensure a holistic learning experience. By covering critical topics such as crude oil properties, refining processes like cracking and reforming, and the synthesis of polymers and elastomers, the text provides the practical value needed to excel in both academic and professional environments.

Salient Features

- **Dual-Domain Coverage:** The text provides a balanced and exhaustive exploration of both Petroleum and Petrochemical Engineering, ensuring students gain expertise in the entire hydrocarbon value chain.
- **Examination-Oriented Design:** Prepared in strict accordance with the latest academic and professional syllabi, making it a perfect companion for AMIE, AMICCHE, and university-level competitive exams.
- **Extensive Question Bank:** Includes a vast collection of objective-type questions with detailed answers, designed to test and reinforce the reader's grasp of fundamental and advanced engineering concepts.
- **Detailed Conceptual Explanations:** Features structured short-answer questions that delve into the "why" and "how" behind industrial processes, such as catalytic hydrotreating and solvent dewaxing.
- **Comprehensive Technical Glossaries:** Each section concludes with a dedicated glossary of related terms, providing quick-reference definitions for essential industry terminology and jargon.
- **Focus on Modern Refining:** Covers cutting-edge industrial processes including catalytic reforming, alkylation, and the production of specialized fuels like Aviation Turbine Fuel (ATF).
- **Industrial Process Insights:** Provides practical



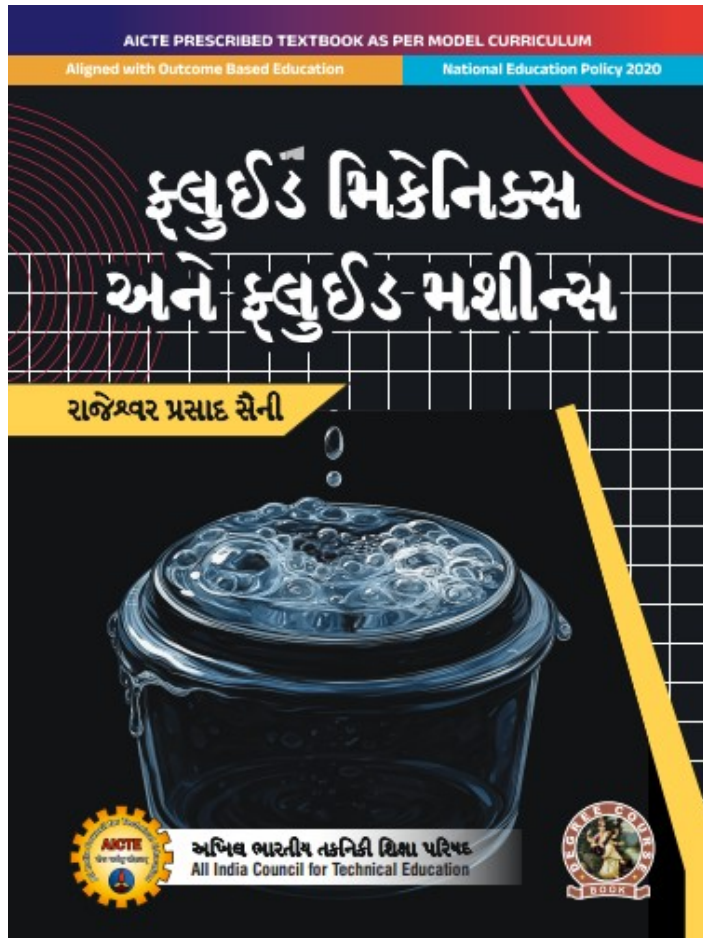
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Part-I : Petroleum Engineering A. Objective Type Questions and Answers in Petroleum Engineering B. Short Answer Type Questions in Petroleum Engineering C. Miscellaneous Questions in petroleum Engineering D. Glossary of Petroleum Engineering	Part-II: Petrochemical Engineering A. Objective Type Questions Answers in Petrochemical Engineering B. Short Answer Type Questions in Petrochemical Engineering C. Glossary Of Petrochemical Engineering
--	--

Author

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practicing experience of efficient Energy 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 Program (UNDP) to study the scope of energy conservation in steel plants in 1987.



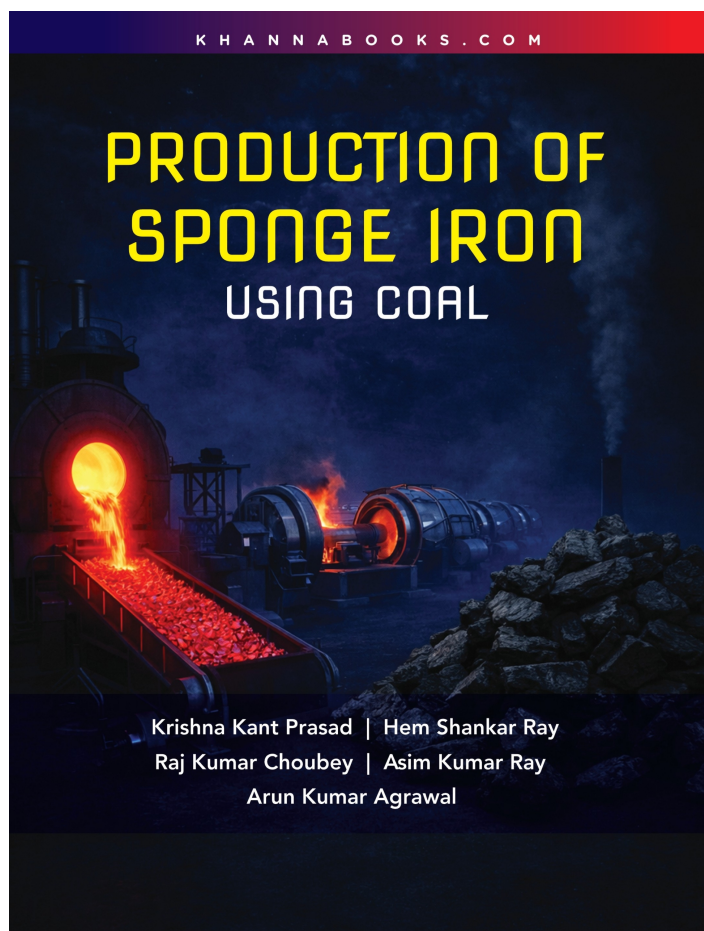


Fluid Mechanics & Fluid Machines

Author :	R.P. Saini
ISBN 13 :	978-93-55387-03-5
ISBN 10 :	93-55387-03-2
E-ISBN 13 :	978-93-55387-03-5
Edition :	First
Pages :	256
Type of book :	Paperback
Year :	2026
Language :	Gujarati
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books
Condition Type :	New
Country Origin :	India

Product Description

Fluid Mechanics & Fluid Machines



Production of Sponge Iron Using COAL

Author :	Arun Kumar Agarwal
ISBN 13 :	978-93-74546-75-8
ISBN 10 :	93-74546-75-2
E-ISBN 13 :	978-93-74546-75-8
Edition :	First
Pages :	256
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 490.00
Categories :	Metallurgical Engineering
Condition Type :	New
Country Origin :	India

Product Description

Production of Sponge Iron Using COAL Production of Sponge Iron using Coal: Rotary Kiln, Tunnel Kiln and using Gas from Coal is a definitive technical guide that explores India's global leadership in the coal-based direct reduction of iron ore. While international markets often rely on gas-based shaft processes, this book highlights how India has pioneered and perfected the use of rotary kilns to utilize abundant, high-ash non-coking coal-resources often dismissed by foreign experts as "muck". The text provides an exhaustive analysis of the thermodynamic, kinetic, and aerodynamic principles that govern the solid-state reduction of iron oxides. The book serves as a vital bridge between theoretical research and industrial application, documenting decades of expertise from leading metallurgists. It broadens the traditional focus on rotary kilns to include emerging commercial successes in tunnel kiln technology and coal gasification-based shaft furnaces. Beyond technical specifications, the authors connect modern engineering with India's ancient metallurgical heritage, such as the storied Iron Pillar of Delhi. This work is an essential resource for metallurgical students, researchers, industry professionals, and entrepreneurs seeking to understand the economic and technical nuances of sustainable ironmaking in coal-rich regions. **Salient Features**

- **Rotary Kiln Dominance:** Detailed analysis of the rotary kiln's primary role in India, covering its versatility in processing lump hematite and its unique operational strengths and weaknesses.
- **Scientific Process Modeling:** Comprehensive chapters on mathematical modeling, CFD analysis, and reaction kinetics that allow for precise control over heat transfer and solid movement.
- **Alternative Reduction Technologies:** In-depth exploration of tunnel kilns as a viable solution for reducing magnetite and iron ore fines, filling a critical gap in traditional kiln operations.
- **Coal Gasification Insights:** Evaluation of the economic and technical feasibility of converting coal into reducing gas (CO and H) to supplement production in shaft furnaces.
- **Resource Optimization:** Strategies for utilizing high-ash Indian coal and recirculating char to enhance energy efficiency and reduce the environmental footprint of ironmaking.
- **Practical Engineering Focus:** Guidance on plant design, refractory management, and overcoming common industrial hurdles like accretion or "ring formation"



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- Accretion Or Ring Formation Inside a Rotary Kiln: Fusion Stalls the Process
- Process Design, Engineering and Operational Aspects of an RK-DR Plant
- Other Uses of Rotary Kiln for Reduction Purposes
- Environmental Aspects of Sponge Iron Making in Rotary Kiln
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- Producing Sponge Iron in a Tunnel Kiln
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- Uses of Sponge Iron
- Future of Sponge Iron: Reading the Crystal Ball

Addendum



Author

Dr. Krishna Kant Prasad (born on 24th January 1945 in Bhagalpur, Bihar), after completing B.Sc. Hons. (Chem.) from Bhagalpur University, he did his B.E., M.E. and Ph.D. in Metallurgical Engineering from the Indian Institute of Science, Bangalore. After brief teaching stints at the Banaras Hindu University and MR Engineering College, Jaipur he joined R&D Division of Tata Steel, Jamshedpur in 1972. He moved to RDCIS, SAIL, Ranchi in 1981 as in-charge of R&D activities in the Sponge Iron Pilot Plant Complex and since then he was actively involved in steering R&D activities both in Sponge Iron Making and Alternate Iron Making areas. He retired from SAIL, in January 2006. Thereafter, he served as a visiting professor in the Department of Metallurgical Engineering in IT (now IIT), BHU, Varanasi, for two and then joined NITK (National Institute of Technology Karnataka) in Surathkal, initially as the Ministry of Steel Chair Professor, and then in various capacities - all equivalent to a visiting professor - for seven and a half years. Dr. Prasad has guided four Ph.D. students. He has to his credit over 130 research papers, five registered copyrights and holds two patents on sponge iron making. He has authored four books entitled Sponge Iron Making in Rotary Kiln, Chemical and Metallurgical Thermodynamics, Advances in Rotary Kiln Sponge Iron Plant and Integrated Iron- and Steelmaking. He has also edited two books - 'Trends in Beneficiation and Agglomeration of Iron Ore' and 'Steel Plant Technologies: An Overview'. He is life member of the Indian Institute of Metals, Electrochemical Society of India and the Computer Society of India. E-mail: kkpmpnc@gmail.com. **Professor Hem Shankar Ray** (born on 19th June 1940, Jabalpur, Madhya Pradesh) unfortunately left for his heavenly abode on 28th April 2023 just as the preparation of the manuscript started. Prof. H. S. Ray is widely regarded as one of the greatest minds of the Indian scientific community and a very well-known name in the field of Extractive Metallurgy. He obtained his B.Tech. (Hons.) in Metallurgical Engineering from the Indian Institute of Technology, Kharagpur (1962) and M.A.Sc. and Ph.D. degrees from the University of Toronto, Canada (1963, 67). He was with I.I.T. Kanpur from 1967-80 as Lecturer and Asst. Professor. In between he served as Manager/Senior Technologist - Research and Development, Pilkington Research Centre, Lathom, England (1977-1979). He then served as Professor of Metallurgical Engineering (1980-1990) and Dean of Students Affairs (1988-90) at the Indian Institute of Technology, Kharagpur. Prof. Ray served the Regional Research Laboratory, Bhubaneswar (now IMMTD) as Director from 1990-2000 (two terms). On retirement he served as an Emeritus Scientist at the Central Glass and Ceramic Research Institute, Calcutta. He holds several patents including 2 U.S. patents to his credit. His areas of interest included thermal analysis, kinetics, extractive metallurgy, energy and R&D administration. He guided about 40 Ph.D. students and 20 M.Tech. students for their thesis work. He has published about 500 papers in reviewed journals and conference proceedings and over 26 books. He also edited 15 Conference proceedings and written about 50 technical reports. He also wrote numerous other non-technical articles, editorials, etc. Prof. Ray received several awards in recognition of his work and these include the National Metallurgists Day Award, G.D. Birla Award and two Kamani Gold Medals of the Indian Institute of Metals. He received the Distinguished Alumni award from IIT Kharagpur, which, interestingly, he shared that year with the Google CEO,



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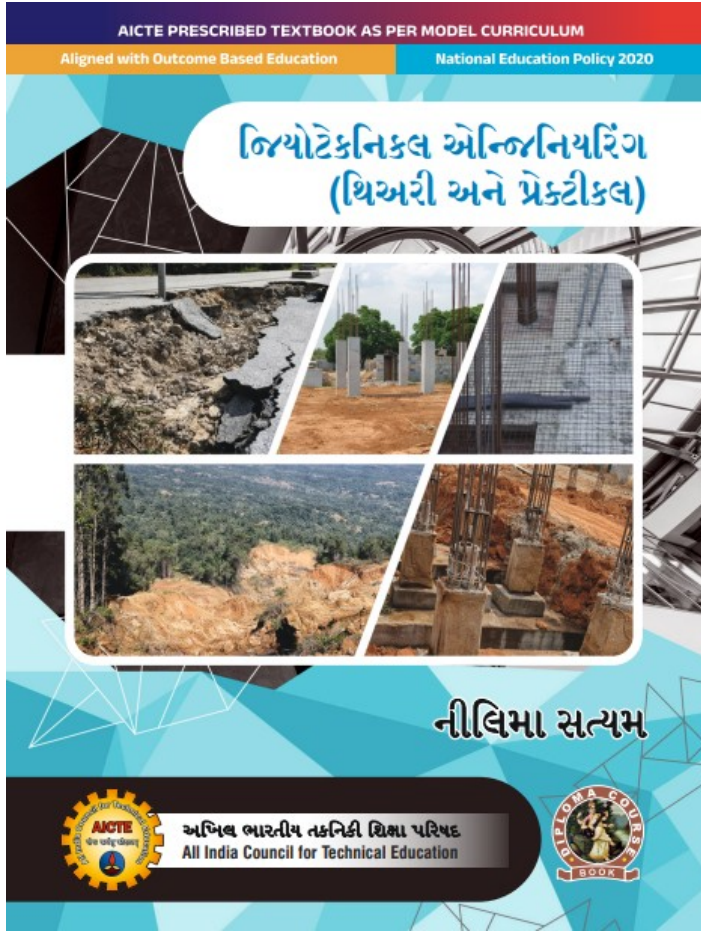


Computer Programming: Theory and Practicals

Author :	Satyendra Singh Chouhan
ISBN 13 :	978-93-55384-64-5
ISBN 10 :	93-55384-64-5
E-ISBN 13 :	978-93-55384-64-5
Edition :	First
Pages :	256
Type of book :	Paperback
Year :	2026
Language :	Gujarati
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books
Condition Type :	New
Country Origin :	India

Product Description

Computer Programming: Theory and Practicals

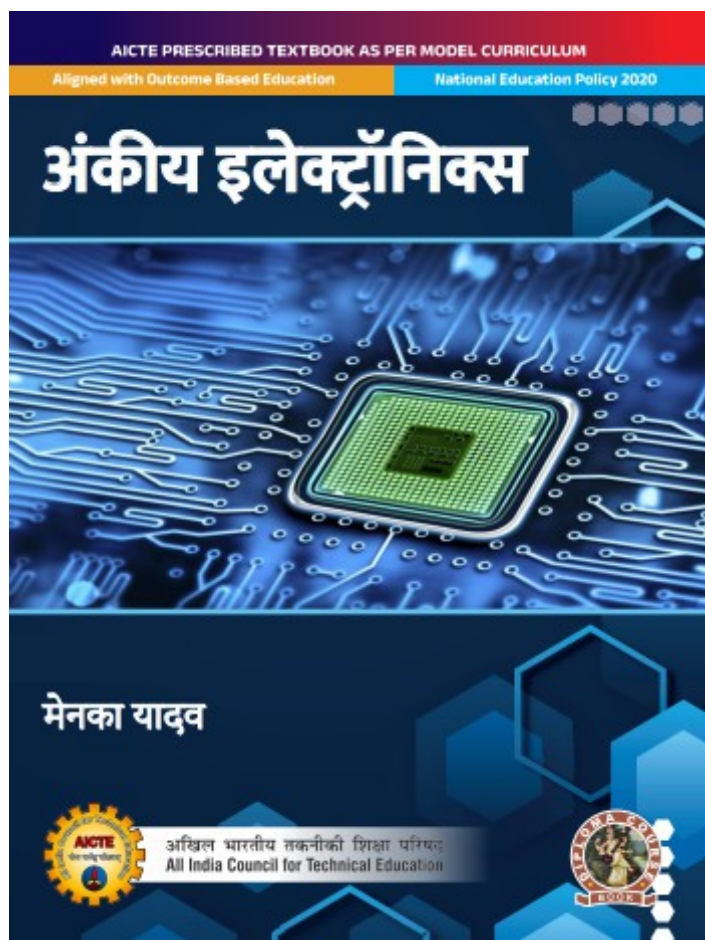


Geotechnical Engineering (Theory & Practicals)

Author :	Neelima Satyam
ISBN 13 :	978-93-55389-31-2
ISBN 10 :	93-55389-31-0
E-ISBN 13 :	978-93-55389-31-2
Edition :	First
Pages :	256
Type of book :	Paperback
Year :	2026
Language :	Gujarati
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books
Condition Type :	New
Country Origin :	India

Product Description

Geotechnical Engineering (Theory & Practicals)

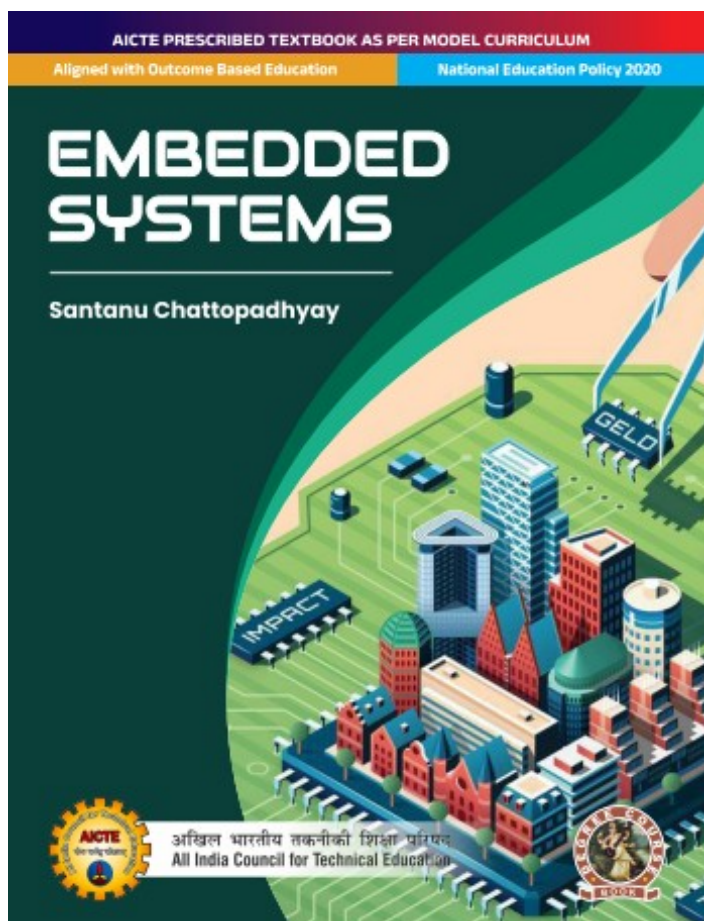


Digital Electronics

Author :	Menka Yadav
ISBN 13 :	978-93-55384-06-5
ISBN 10 :	93-55384-06-8
E-ISBN 13 :	978-93-55384-06-5
Edition :	First
Pages :	256
Type of book :	Paperback
Year :	2026
Language :	Hindi
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	AICTE Prescribed Textbooks, Hindi Books
Condition Type :	New
Country Origin :	India

Product Description

Digital Electronics



Embedded Systems

Author :	Santanu Chattopadhyay
ISBN 13 :	978-93-55388-71-1
ISBN 10 :	93-55388-71-3
E-ISBN 13 :	978-93-55388-71-1
Edition :	First
Pages :	256
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 438.00
Categories :	AICTE Prescribed Textbooks, English Books
Condition Type :	New
Country Origin :	India

Product Description

Embedded Systems This book is designed for the course on Embedded Systems. It begins with the discussion on basics of embedded system and its features. The host processors, generally used in an embedded system design have been enumerated. In the process, the ARM processor, Digital Signal Processor, FPGA and ASIC have been introduced. Special types of interfacing standards are employed to connect devices to the processor. Non-conventional interfacing standards used in embedded systems like SPI, I2C, RS-232, USB, IrDA, CAN and Bluetooth have been discussed. ADCs and DACs are used for interacting with the analog world. Buses like PCIe and AMBA are employed for developing a complete system. For larger embedded applications, Real-Time Operating Systems (RTOS) are used to realize and schedule the processes, along with their resource requirements. The language Embedded C has become the de facto standard for realizing embedded system programs. The language has been introduced with a large number of example programs. In order to keep the cost of an embedded system less while satisfying the area, performance and power constraints, it becomes necessary to partition an embedded application into set of modules which are realized either in software or in hardware. Hardware-software co-design and co-simulation techniques are employed to achieve the same. The book gives the readers a good understanding of all these topics. A good number of examples, exercises and references act as the starting point to the domain of Embedded Systems. Salient features:

- Covers embedded processors – ARM, DSP, FPGA, ASIC.
- Discusses special interfacing standards for embedded systems – SPI, I2C, CAN, USB, Bluetooth.
- Enumerates the essentials of RTOS and embedded programming.
- Presents hardware-software cosimulation and codesign techniques.

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- Embedded processors
- Interfacing
- Real-time system design
- Embedded programming
- Hardware-software codesign

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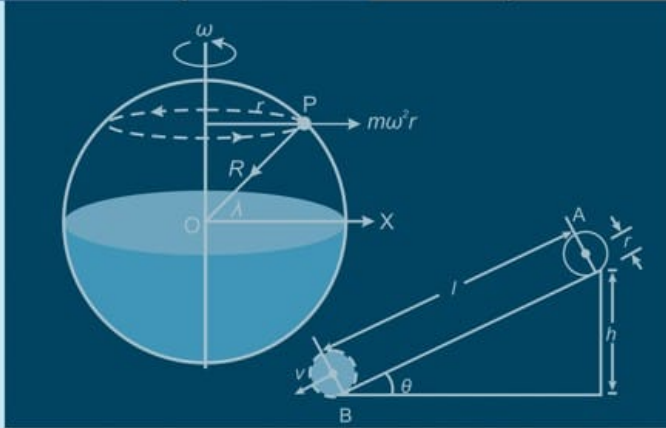
Author

Santanu Chattopadhyay Professor, Electronics and Electrical Communication Engineering Indian Institute of Technology

అఖిల భారత సాంకేతిక విద్యా మండలి (AICTE) ఉమ్మడి సమానా పాఠ్య ప్రణాళిక ప్రకారం

ఫలిత ఆధార విద్యను అనుసరించి

జాతీయ విద్యా విధానం (NEP) 2020



భౌతిక శాస్త్రము

యాంత్రిక శాస్త్రానికి పరిచయం

(ప్రయోగ దీపిక తో)



పి.బి. భట్టాచార్య | అతను నాగ్

Physics (Introduction to Mechanics) with Lab Manual

Author : A. B. Bhattacharya

ISBN 13 : 978-93-91505-96-7

ISBN 10 : 93-91505-96-1

E-ISBN 13 : 978-93-91505-96-7

Edition : 1

Pages : 256

Type of book : Paperback

Weight (g) : 330.00

Year : 2025

Language : Telugu

Publisher : Khanna Publishing House

Categories : [AICTE Prescribed Textbooks](#), [Ebooks](#), [Telugu Books](#)

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.



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Authors

A. B. Bhattacharya

Prof. A. B. Bhattacharya, Pro-Vice-Chancellor of JIS University, did his M. Sc. and Ph. D. degree in Physics from the University of Calcutta. He did his Post-doc from the Massachusetts Institute of Technology, USA and subsequently joined in the Department of Physics, Kalyani University. He has published 256 Research papers in high-impact Journals and over 150 proceeding papers in conferences. He has successfully guided 24 scholars for their Ph.D. and has written a large number of invited articles in many Journals. He is the author of 29 textbooks written for engineering and science students and also for general readers from many reputed publishers like Infinity Science Press, Taylor & Francis, etc. International Institute of Success Awareness honored him with their most coveted Institutional and globally reputed “Glory of India Gold Medal” for remarkable contributions to India’s national prestige. He is a Life Fellow of the Institution of Electronics and Telecommunication Engineers.

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.



AICTE દ્વારા નિર્ધારિત થયેલ મોડલ અભ્યાસક્રમ મુજબનું પાઠ્યપુસ્તક

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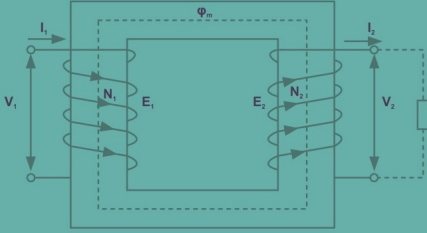
રાષ્ટ્રીય શિક્ષણ નીતિ 2020

ઇલેક્ટ્રિકલ અને

ઇલેક્ટ્રોનિક્સ એન્જિનિયરિંગના

ફંડામેન્ટલ્સ

(લેબ મેન્યુઅલ સાથે)

સુઝાન એસ. મેથ્યુ
સજી ટી. ચાકો

Fundamentals of Electrical and Electronics Engineering (with Lab Manual)

Author :	Saji T. Chacko
ISBN 13 :	978-93-55380-67-8
ISBN 10 :	93-55380-67-4
E-ISBN 13 :	978-93-55380-67-8
Edition :	First
Pages :	256
Type of book :	Paperback
Weight (g) :	300.00
Year :	2023
Language :	Gujarati
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Ebooks , Gujarati Books
SKU :	1725762525
Condition Type :	New
Country Origin :	India

Product Description

“Fundamentals of Electrical & Electronics Engineering” 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. Books covers six topics- Overview of Electronics Components and Signals. Overview of Analog Circuits. Overview of Digital Electronics, Electric and magnetic Circuits, A.C. Circuits and Transformer and Machines. Each topic is written in easy and lucid manner. A set of exercises at the end of each unit to test the student’s comprehension is provided. Some salient features of the book: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. The practical applications of the topics are discussed along with micro projects and activities for generating further curiosity as well as improving problem solving capacity. 3. Book provides lots of vital facts, concepts, principles and other interesting information. 4. QR Codes of video resources and websites to enhance use of ICT for relevant supportive knowledge have been provided. 5. Student and teacher centric course materials included in book in balanced manner. 6. Figures, tables, equations and comparative charts are inserted to improve clarity of the topics. 7. Objective questions and subjective questions are given for practices of students at the end of each unit. Solved and unsolved problems including numerical examples are solved with systematic steps.



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Guidelines for Students,

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Unit 2: Overview of Analog Circuits.

Unit 3: Overview of Digital Electronics.

Unit 4: Electric and Magnetic Circuits.

Unit 5: AC Circuits.

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Authors

Susan S. Mathew, Saji T. Chacko



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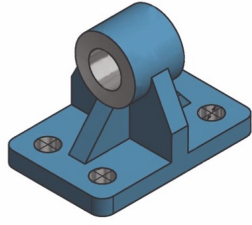
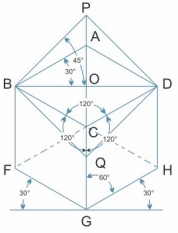
AICTE દ્વારા નિર્ધારિત થયેલ મોડલ અભ્યાસક્રમ મુજબનું પાઠ્યપુસ્તક

પરિણામ આધારિત શિક્ષણ સાથે સંરેખિત

રાષ્ટ્રીય શિક્ષણ નીતિ 2020

એન્જિનિયરિંગ

ગ્રાફિક્સ અને ડિઝાઇન



Engineering Graphics & Design

Author :	Pradeep Jain
ISBN 13 :	978-93-55381-58-3
ISBN 10 :	93-55381-58-1
E-ISBN 13 :	978-93-55381-58-3
Edition :	First
Pages :	256
Type of book :	Paperback
Weight (g) :	420.00
Year :	2023
Language :	Gujarati
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks, Ebooks, Gujarati Books
SKU :	1725732294
Condition Type :	New
Country Origin :	India

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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Guidelines for Teacher

Guidelines for Students

Chapter 1: Introduction of Engineering Drawing. **Chapter 2:** Orthographic Projection. **Chapter 3:** Projection of Solids. **Chapter 4:** Sectional Views of Solids. **Chapter 5:** Isometric Projection. **Chapter 6:** Overview of Computer Graphics. **Chapter 7:** Customization & CAD. **Chapter 8:** Annotation Layers and 3D Modelling. **Chapter 9:** Projects.

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Author

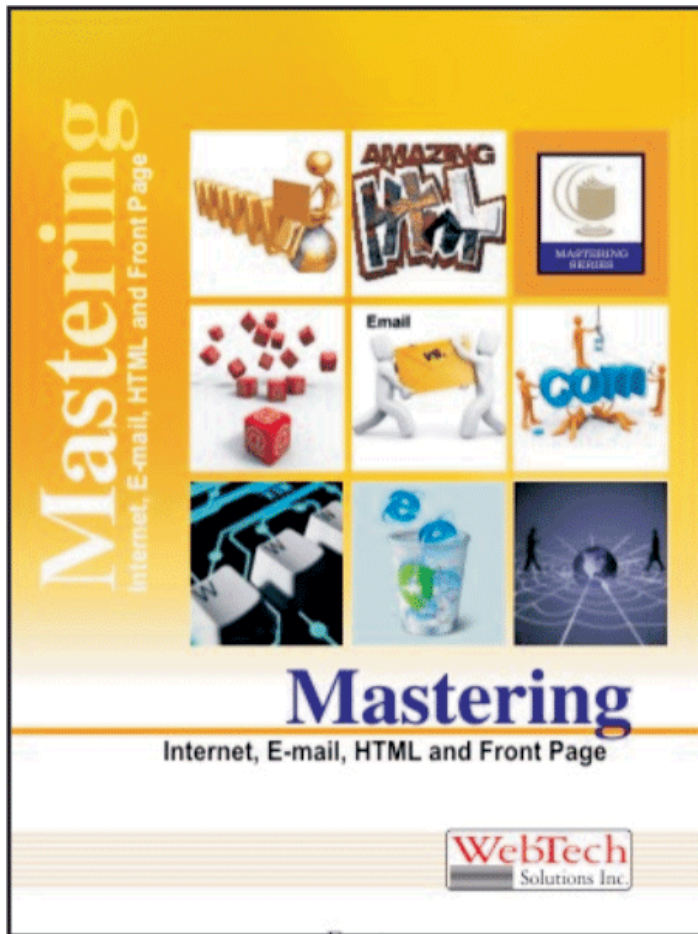
Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.



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Mastering Internet, E-mail, HTML and Front Page

Author :	WebTech Sol.
ISBN 13 :	978-93-80016-01-6
ISBN 10 :	93-80016-01-8
E-ISBN 13 :	978-93-80016-01-6
Edition :	First
Pages :	256
Type of book :	Paperback
Weight (g) :	350.00
Year :	2018
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Computer Books - English, Mastering Series
Condition Type :	New
Country Origin :	India

Product Description

Mastering Internet, E-mail, HTML and Front Page is a unique book of web designing. Internet - Gives you and insight of the internet how it was invented its various uses, World Wide Web (WWW) and the way of using various browses. Email - Gives you a complete knowledge of various aspects of sending and receiving e-mail. It also tells you how to create your won e-mail account and ways to attach the various files. HTML- is a programming language which helps you in creating web pages. Various aspects of the language have been discussed in the book. Most of the tags of HTML have been support with examples. FrontPage - is software from Microsoft Office which helps you in creating Web sites. It has already made templates which help in creating Web pages with ease.

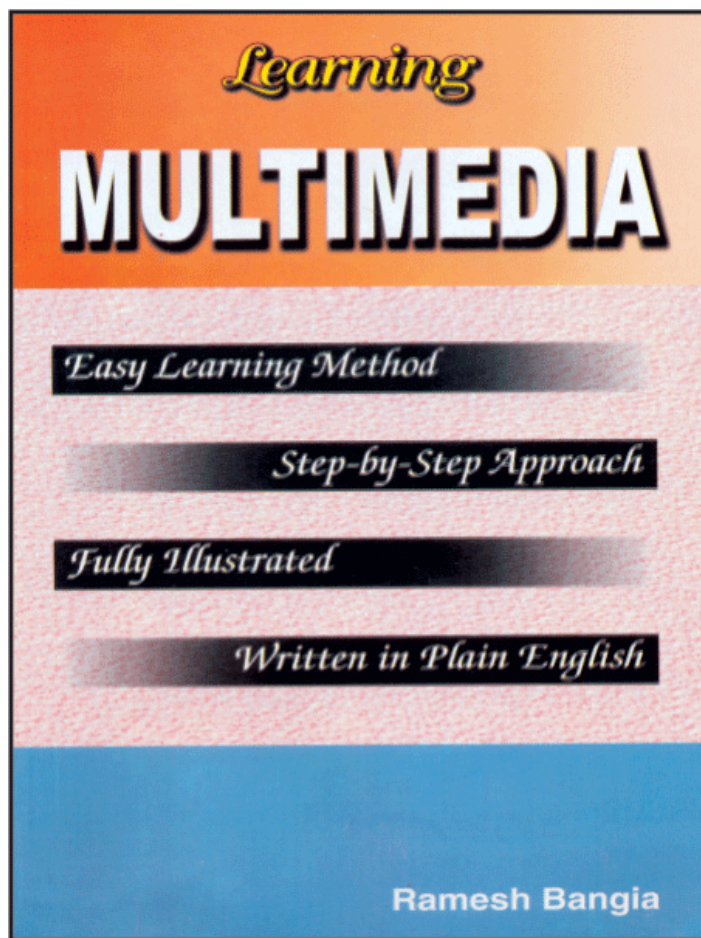
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Chapter 1: Introduction to Internet. **Chapter 2:** Working with e-mail. **Chapter 3:** HTML. **Chapter 4:** Introduction to Microsoft FrontPage.

Author

WebTech Sol. WebTech Solutions Inc. is one of the pioneers of the technology industry. Webtech Solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best ways to analyze, develop, test, debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence: excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers.





Learning Multimedia

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-10-2
ISBN 10 :	81-87522-10-0
E-ISBN 13 :	978-81-87522-10-2
Edition :	1
Pages :	256
Type of book :	Paperback
Weight (g) :	100.00
Year :	2014
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Computer Books - English, Learning Series
Condition Type :	New
Country Origin :	India

Product Description

Learning Multimedia

Table of Contents

Chapter 1: Introduction to Multimedia. **Chapter 2:** Production Platforms. **Chapter 3:** Basic Software. **Chapter 4:** Authoring Tools. **Chapter 5:** Working with Text. **Chapter 6:** Making Sound. **Chapter 7:** Understanding Animation. **Chapter 8:** Understanding Videos. **Chapter 9:** Linking Objects. **Chapter 10:** Working with Images. **Chapter 11:** Designing for the Web. **Chapter 12:** Finalizing the projects. **Chapter 13:** Questions.



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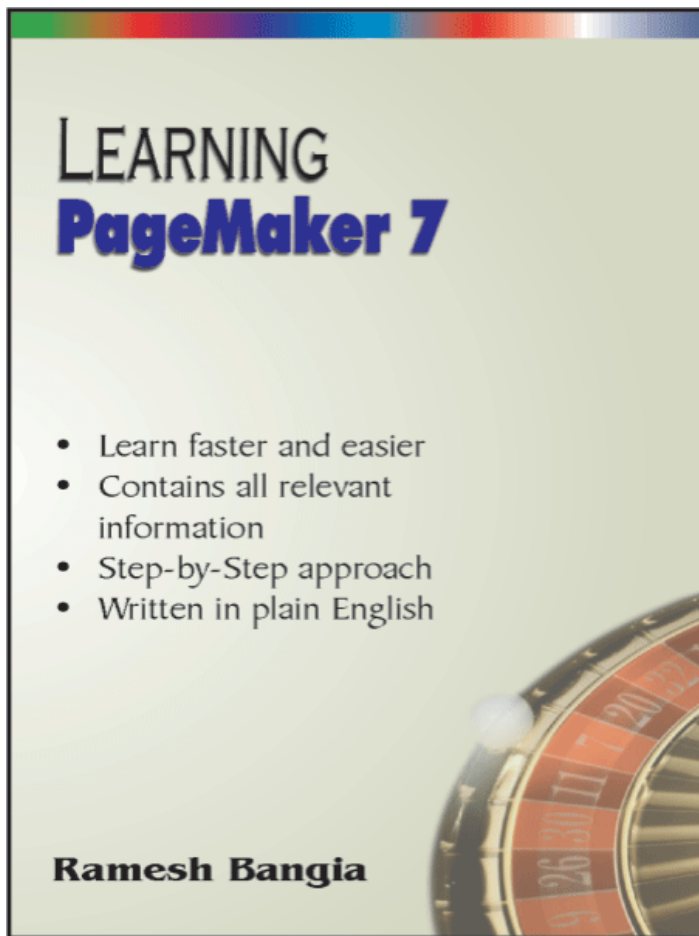
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Authors

Ramesh Bangia For the last fifteen years, 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.





Learning PageMaker 7

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-95-9
ISBN 10 :	81-87522-95-X
E-ISBN 13 :	978-81-87522-95-9
Edition :	First
Pages :	256
Type of book :	Paperback
Weight (g) :	240.00
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	BASIC COMPUTER BOOKS, Learning Series
Condition Type :	New
Country Origin :	India

Product Description

Learning of a software is both easy and difficult. It depends up to what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realize how difficult it is to master it. Page Maker 7.0 is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

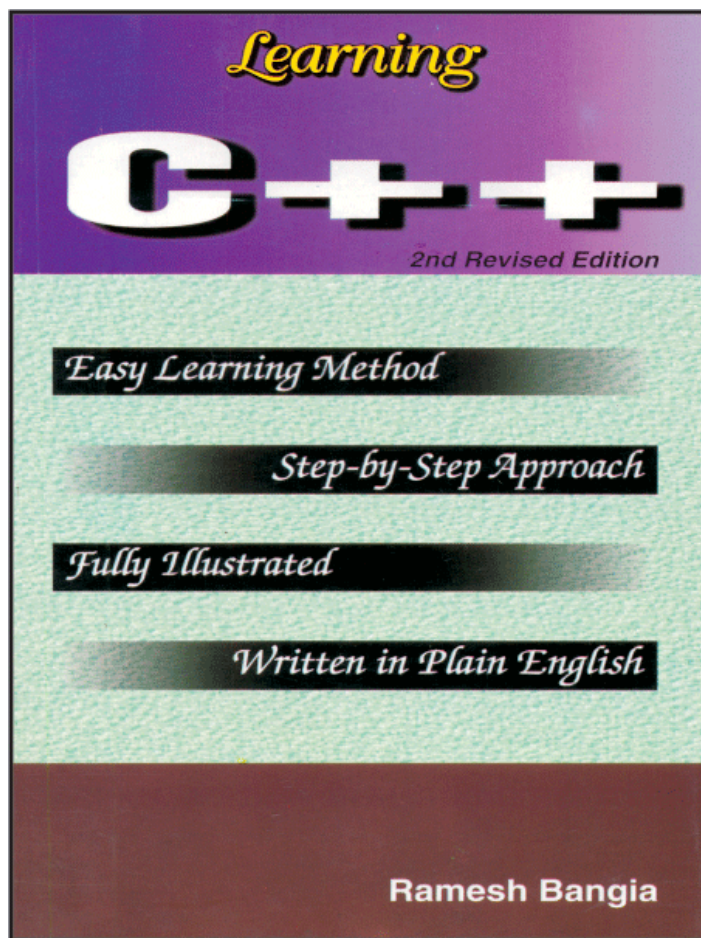
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Chapter 1: Page Maker Basics. **Chapter 2:** Understanding Page Maker. **Chapter 3:** Creating a Publication. **Chapter 4:** Editing Publication. **Chapter 5:** Working with Graphics. **Chapter 6:** Working with Layers. **Chapter 7:** Using Frames. **Chapter 8:** Working with Data Merge. **Chapter 9:** Using Scripts. **Chapter 10:** Working with Colours. **Chapter 11:** Drawing Tools in Page Maker. **Chapter 12:** Using Tables Editor. **Chapter 13:** Tips and Tricks. **Chapter 14:** Templates. **Chapter 15:** Keyboard Shortcuts. **Chapter 16:** Questions.

Author

Ramesh Bangia For the last fifteen years, 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.





Learning C++

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-81-2
ISBN 10 :	81-87522-81-X
E-ISBN 13 :	978-81-87522-81-2
Edition :	1
Pages :	256
Type of book :	Paperback
Weight (g) :	240.00
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	BASIC COMPUTER BOOKS, Computer Books - English, Learning Series
Condition Type :	New
Country Origin :	India

Product Description

Learning of a software is both easy and difficult. It depends upon what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realise how difficult it is to master it. C++ is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.



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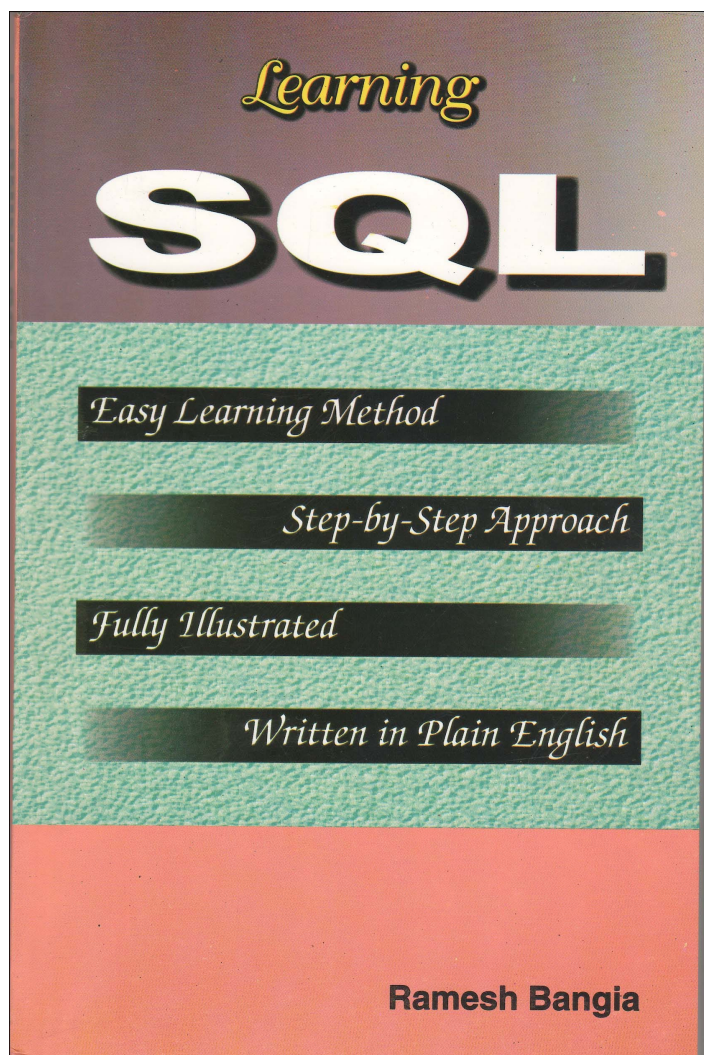
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Chapter 1: Introduction to C++. **Chapter 2:** Operators and Expressions. **Chapter 3:** Control Statements & I/O Operations. **Chapter 4:** Arrays. **Chapter 5:** Functions. **Chapter 6:** Library Functions. **Chapter 7:** Structures. **Chapter 8:** Classes and Objects. **Chapter 9:** Constructor and Destructor Functions. **Chapter 10:** Objects and Function Overloading. **Chapter 11:** Inheritance. **Chapter 12:** Pointers. **Chapter 13:** Standard Library Functions and Header Files. **Chapter 14:** Programming Methodology. **Chapter 15:** Examples. **Chapter 16:** Glossary of Key Words. **Chapter 17:** Questions.

Author

Ramesh Bangia For the last fifteen years, 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.



Learning SQL

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-96-6
ISBN 10 :	81-87522-96-8
E-ISBN 13 :	978-81-87522-96-6
Edition :	First
Pages :	256
Type of book :	Paperback
Weight (g) :	250.00
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	BASIC COMPUTER BOOKS, Learning Series
Condition Type :	New
Country Origin :	India

Product Description

Learning of a software is both easy and difficult. It depends upon what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realize how difficult it is to master it. SQL is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

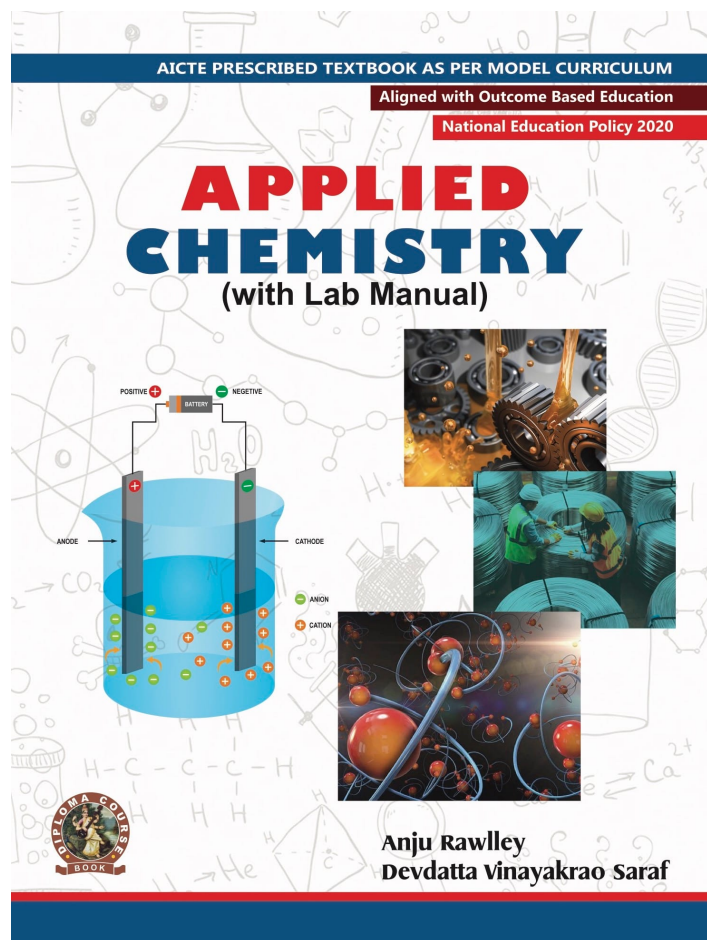
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Chapter 1: Getting to Know SQL. **Chapter 2:** Creating a Database. **Chapter 3:** Creating a Table. **Chapter 4:** Retrieving Data from Database. **Chapter 5:** Modifying Data. **Chapter 6:** Operators in SQL. **Chapter 7:** Functions in SQL. **Chapter 8:** Data Storage Functions. **Chapter 9:** Working on Data. **Chapter 10:** Command Summary of SQL. **Chapter 11:** Questions.

Author

Ramesh Bangia For the last fifteen years, 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.





Applied Chemistry (with Lab Manual)

Author :	Anju Rawlley
ISBN 13 :	978-93-91505-44-8
ISBN 10 :	93-91505-44-9
E-ISBN 13 :	978-93-91505-44-8
Edition :	First
Pages :	256
Type of book :	Paperback
Weight (g) :	360.00
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , APPLIED SCIENCES & HUMANITIES , Ebooks , English Books
Condition Type :	New
Country Origin :	India

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

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Authors

Anju Rawlley

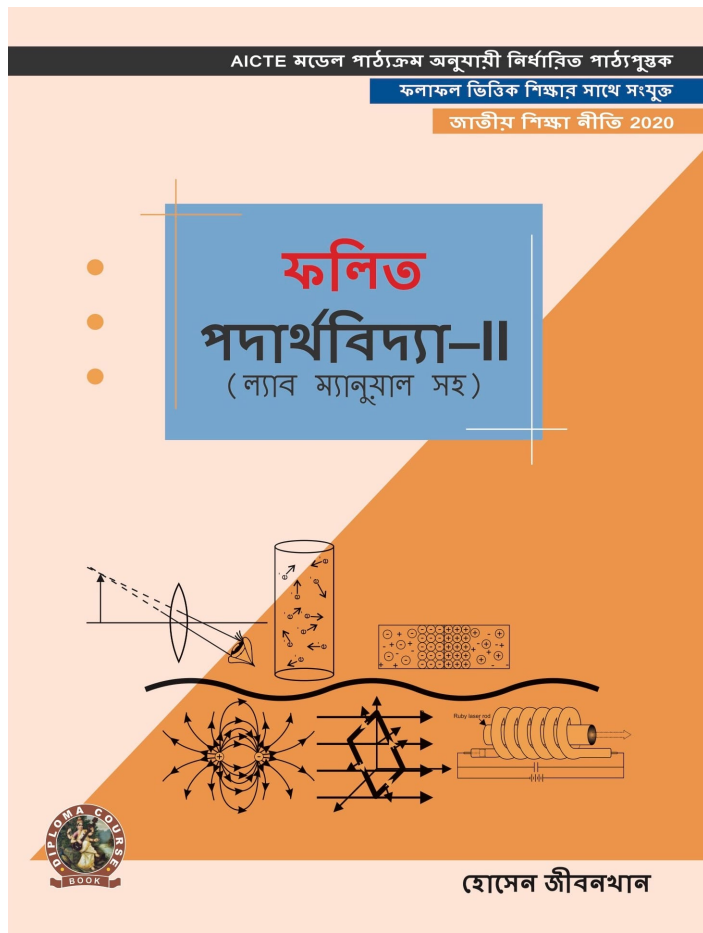
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Applied Physics II (with Lab Manual)

Author :	Hussain Jeevakhan
ISBN 13 :	978-93-55381-43-9
ISBN 10 :	93-55381-43-3
E-ISBN 13 :	978-93-55381-43-9
Edition :	First
Pages :	256
Type of book :	Paperback
Weight (g) :	350.00
Year :	2022
Language :	Bengali
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Bengali Books , Ebooks
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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Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and Symbols, List of Figures, Guidelines for Teachers, Guidelines for Students Chapter 1: Wave Motion and its applications. Chapter 2: Optics. Chapter 3: Electrostatics. Chapter 4: Current Electricity. Chapter 5: Electromagnetism. Chapter 6: Semiconductor physics. Chapter 7: Modern physics. Index

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