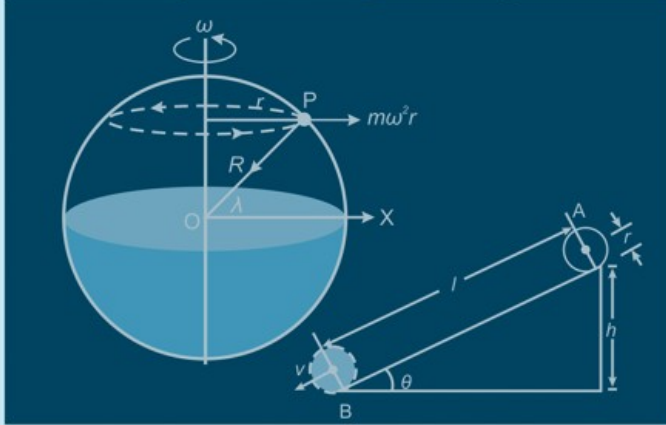


అఖిల భారత సాంకేతిక విద్యా మండలి (AICTE) ఉమ్మడి నమూనా పాఠ్య ప్రణాళిక ప్రకారం

ఫలిత ఆధార విద్యను అనుసరించి

జాతీయ విద్యా విధానం (NEP) 2020



భౌతిక శాస్త్రము

యాంత్రిక శాస్త్రానికి పరిచయం

(ప్రయోగ దీపిక తో)



ప.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

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Publisher : Khanna Publishing House

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

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

Engineering Physics: Introduction to Electromagnetic Theory 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 Electromagnetic Theory to tackle 21st century and onward engineering challenges and address the related questions. Some Salient Features of the Book: 1. Expose basic science to the engineering students to the fundamentals of physics and to enable them to get an insight of the subject. 2. To develop knowledge on critical questions, solved and supplementary problems covering all types of medium and advanced level problems in a very logical and systematic manner. 3. Some essential information for the users under the heading "know More" for clarifying some basic. 4. Information as well as comprehensive synopsis of formulae for a quick revision of the basic principles. 5. Constructive manner of presentation so that an Engineering degree students can prepare to work in different sector or in national laboratories at the very forefront of technology.



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Unit 2: Electrostatics in Linear Dielectric Medium.

Unit 3: Magnetostatics.

Unit 4: Magnetostatics in Linear Dielectric Medium.

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Unit 6: Maxwell's Equations.

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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

પરિણામ આધારિત શિક્ષણ સાથે સંરેખિત

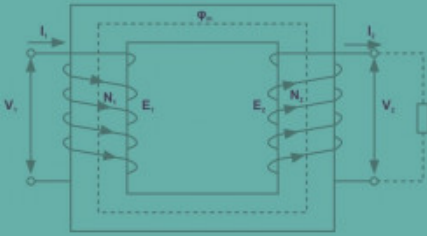
રાષ્ટ્રીય શિક્ષણ નીતિ 2020

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

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Publisher : Khanna Publishing House

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Categories : [AICTE Prescribed Textbooks](#), [All books](#), [Gujarati Books](#)

SKU : 1725762525

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

“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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Unit 2: Overview of Analog Circuits.

Unit 3: Overview of Digital Electronics.

Unit 4: Electric and Magnetic Circuits.

Unit 5: AC Circuits.

Unit 6: Transformer and Machines.

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Susan S. Mathew, Saji T. Chacko



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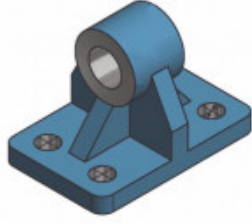
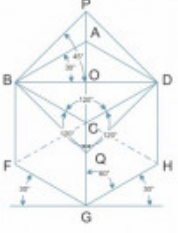
AICTE દ્વારા નિર્ધારિત થયેલ મોડલ અભ્યાસક્રમ મુજબનું પાઠ્યપુસ્તક

પરિણામ આધારિત શિક્ષણ સાથે સરેખિત

રાષ્ટ્રીય શિક્ષણ નીતિ 2020

એન્જિનિયરિંગ

ગ્રાફિક્સ અને ડિઝાઇન



Engineering Graphics & Design

Author : Pradeep Jain

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Edition : First

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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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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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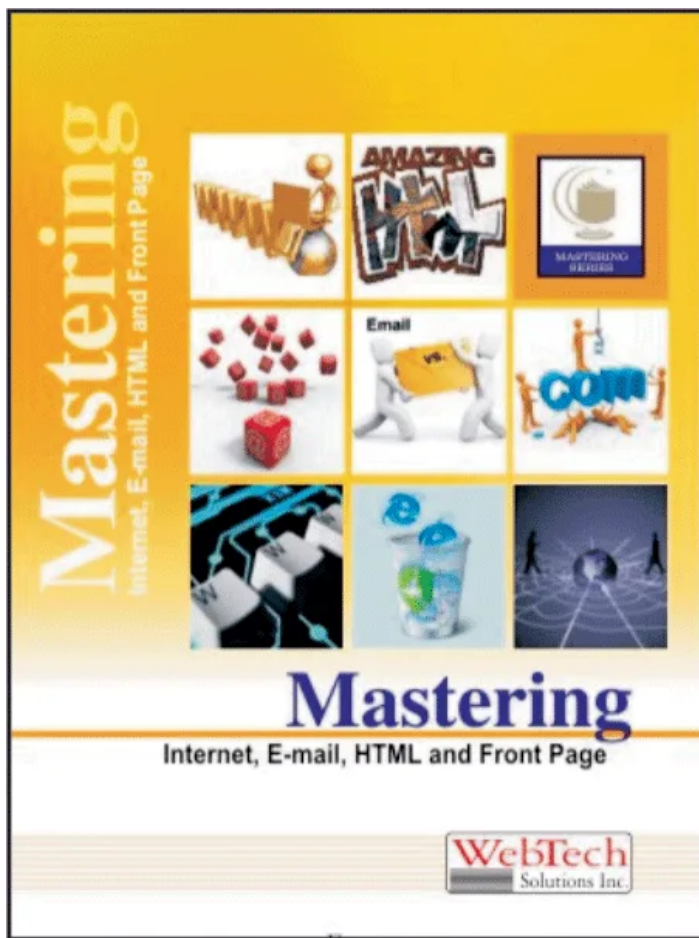
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Author

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.





Mastering Internet, E-mail, HTML and Front Page

Author :	WebTech Sol.
ISBN 13 :	978-93-80016-01-6
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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.

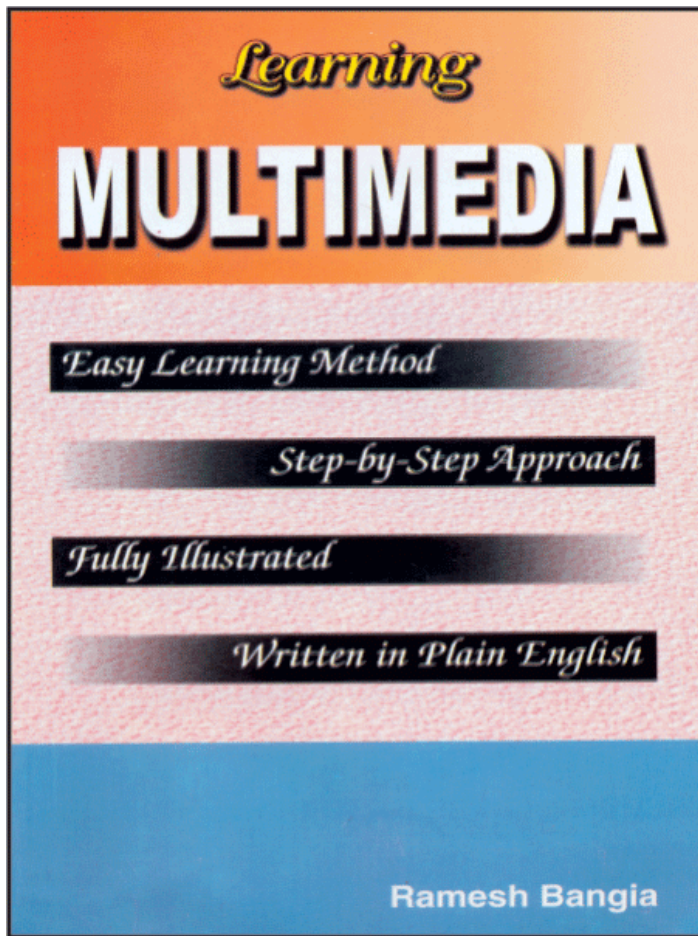
Table of Contents

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
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ISBN 10 : 81-87522-10-0
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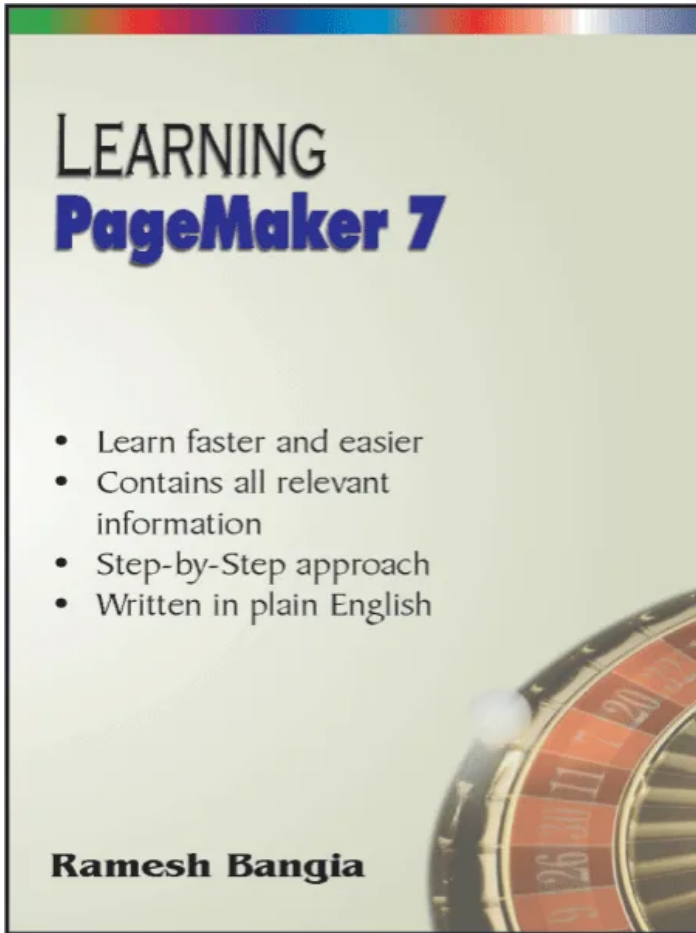
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Chapter 1: Introduction to Multimedia. **Chapter 2:** Production Platforms. **Chapter 3:** Basic Software. **Chapter 4:** Authoring Tools. **Chapter 5:** Working with Text. **Chapter 6:** Making Sound. **Chapter 7:** Understanding Animation. **Chapter 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.

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
Regular Price :	Rs 225.00
Sale Price :	Rs 180.00
Categories :	All books , 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 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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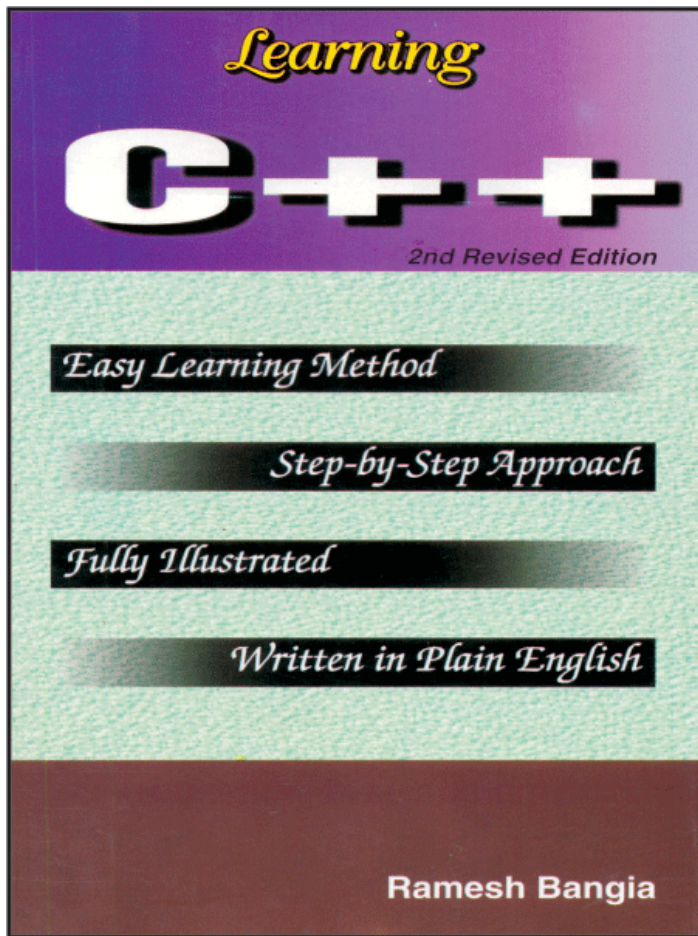
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Author

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
Regular Price :	Rs-225.00
Sale Price :	Rs 180.00
Categories :	All books , 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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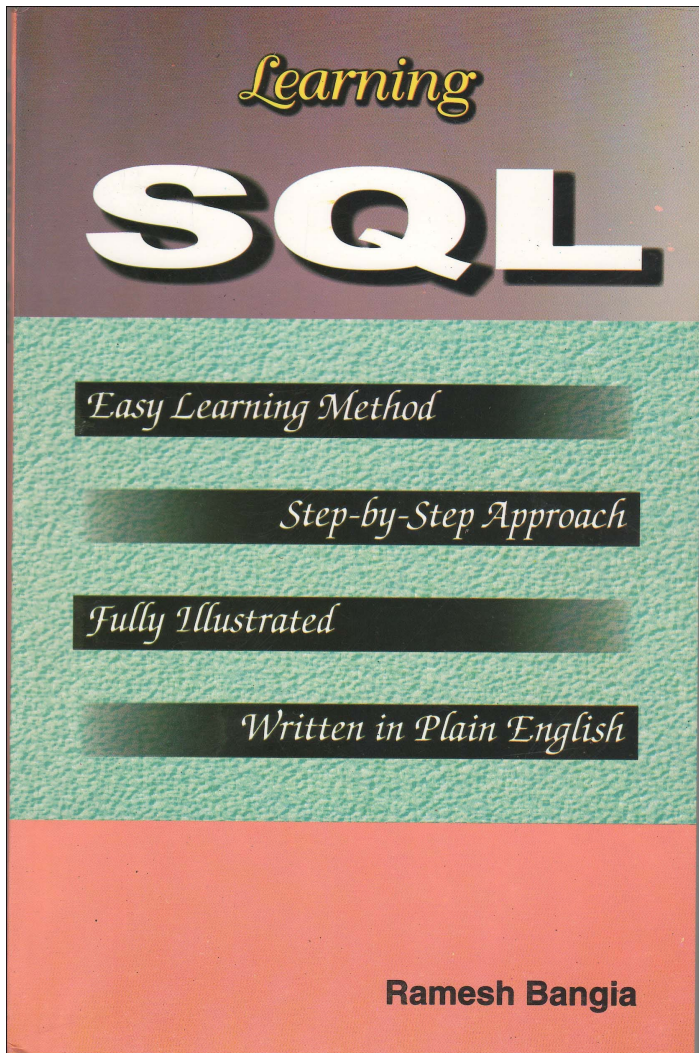
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Author

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
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Year :	2010
Language :	English
Publisher :	Khanna Publishing House
Regular Price :	Rs 225.00
Sale Price :	Rs 180.00
Categories :	All books , 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 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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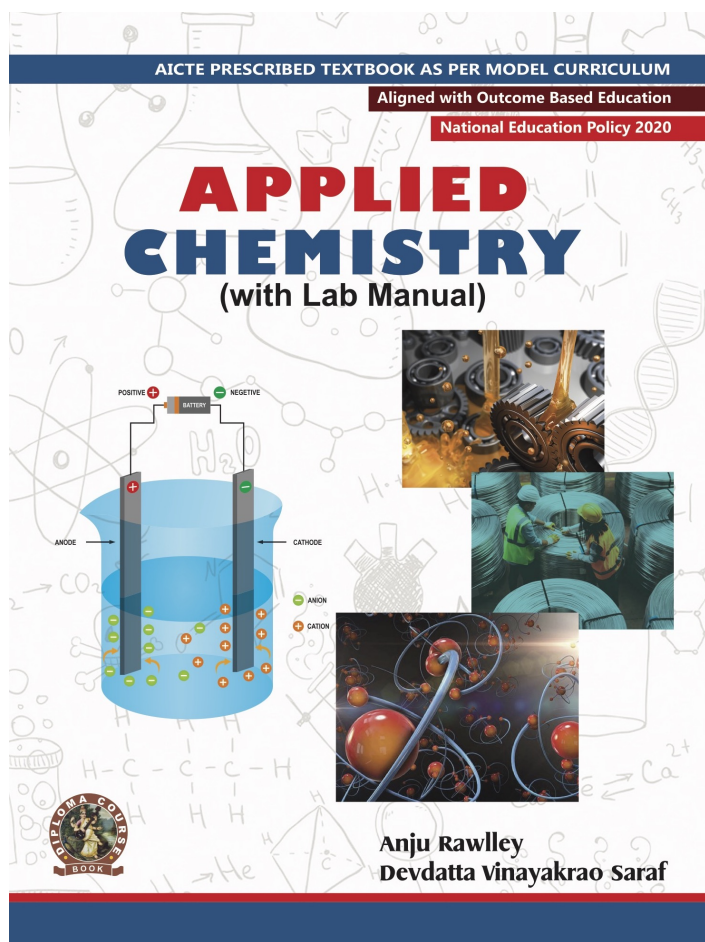
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Author

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
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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

Devdatta Vinayakrao Saraf



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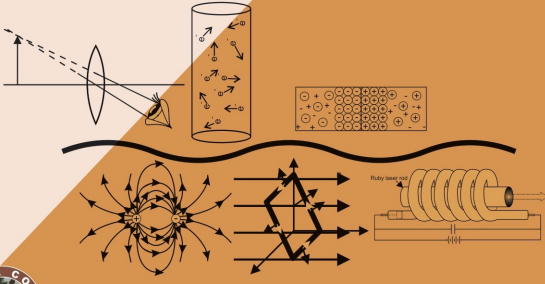
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ফলাফল ভিত্তিক শিক্ষার সাথে সংযুক্ত

জাতীয় শিক্ষা নীতি 2020

ফলিত
পদার্থবিদ্যা-II
(ল্যাব ম্যানুয়াল সহ)



হোসেন জীবনখান

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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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