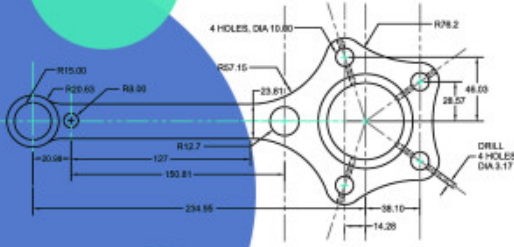


ಮಾದರಿ ಪಠ್ಯಕ್ರಮದ ಅನುಸಾರ ಎಂಜಿನಿಯರಿಂಗ್ ಕ್ಷೇತ್ರದ ಮಾದರಿ ಪಠ್ಯಕ್ರಮ

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ರಾಷ್ಟ್ರೀಯ ಕ್ರಮ ನೀತಿ 2020

ಎಂಜಿನಿಯರಿಂಗ್ ಗ್ರಾಫಿಕ್ಸ್



ಶರದ್ ಕೆ. ಪ್ರಧಾನ್

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Engineering Graphics

Author :	K. K. Jain
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Product Description

“ Engineering Graphics” 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 six topics- Basic Elements of drawing , Orthographic Projections, Isometric Projections, Free Hand Sketcher of Engineering Elements, Computer Aided Drafting Interface, Computer Aided Drafting. Each topic is written in easy and lucid manner. Every chapter 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 is aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. In start of each unit learning outcomes are listed to make the student understand what is expected out of him/ her after completing that unit. 3. Book provides lots of recent information, interesting facts, Codes for E-resources, QR Code for use of ICT, projects, group discussion etc. 4. Student and teacher centric subject materials included in book with balanced and chronological manner. 5. Figures, tables and software screen shots are inserted to improve clarity of the topics. 6. Apart from essential information a ‘Know More’ section is also provided in each unit to extend the learning beyond syllabus. 7. Short questions, objective questions and long answer exercises are given for practice of students after every chapter. 8. Solved and unsolved problems including numerical examples are solved with systematic steps.



TABLE OF CONTENTS

Foreword,

Acknowledgement, Preface,

Outcome Based Educations, Course Outcomes,

Abbreviations and Symbols,

List of Figures,

List of tables Guidelines for Teachers,

Guidelines for Students

UNIT 1: Basic Elements of Drawing.

UNIT 2: Orthographic Projections.

UNIT 3: Isometric Projections.

UNIT 4: Free Hand Sketches of Engineering Elements.

UNIT 5: Computer Aided Drafting Interface.

UNIT 6: Computer Aided Drafting.

Authors

Sharad K. Pradhan

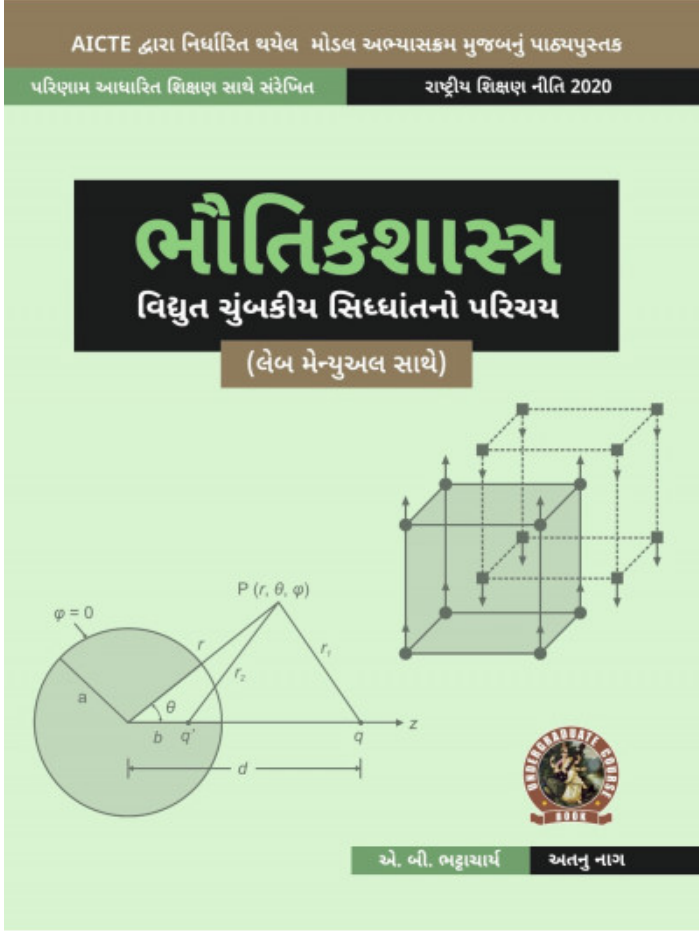
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Physics (Introduction to Electromagnetic Theory) (with Lab Manual)

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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.

Table of Contents

Foreword Acknowledgement Preface Outcome Based Education Course Outcomes Abbreviations and Symbols List of Figures Guidelines for Teacher Guidelines for Students Unit 1: Electrostatics in Vacuum. Unit 2: Electrostatics in Linear Dielectric Medium. Unit 3: Magnetostatics. Unit 4: Magnetostatics in Linear Dielectric Medium. Unit 5: Faraday's Law. Unit 6: Maxwell's Equations. Unit 7: Electromagnetic Waves. Table of Physical Constants Appendices Annexures References for Further learning CO and PO attainment Table Index



Authors

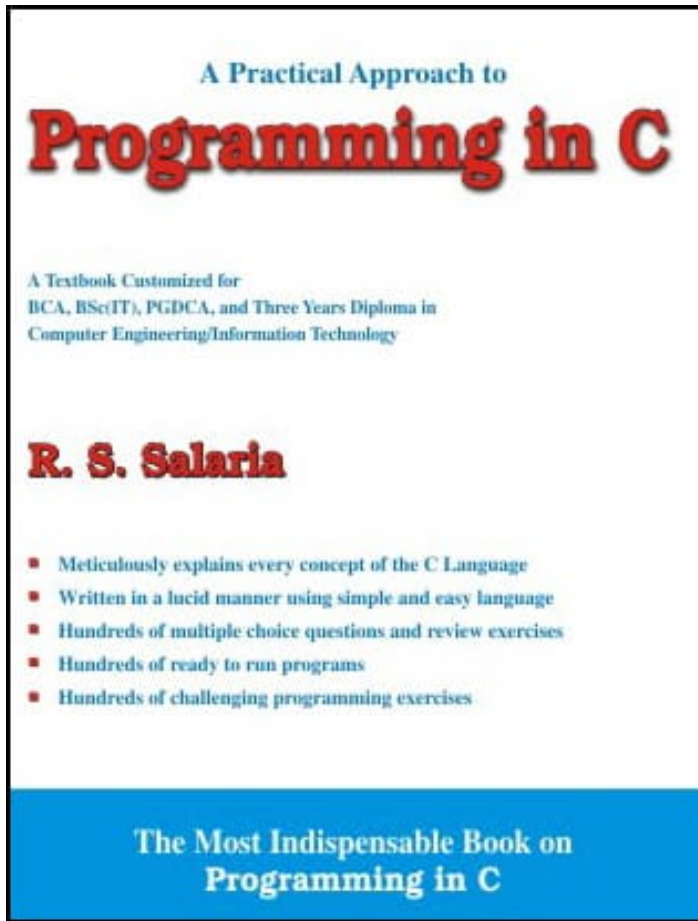
A. B. Bhattacharya

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.

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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.





A Practical Approach to Programming in C

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Product Description

The subject of programming in C is one of the compulsory courses in the curriculum of BCA, BSc (IT), BSc (Non-Med) with Computer science as one of the elective subject, PGDCA, and Three Year polytechnic diploma in Computer Engineering as well as Information Technology of all universities and state technical boards. The book in your hand is a customized version of my popular book application programming in C to serve as a textbook for the students taking these course. The presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically, this book will provide you every thing you need on the subject of programming in C. Provides a comprehensive coverage of the subject. Demonstrate the development of programs in a good programming style. Large number of ready to run programs for reference. Large number of multiple choice questions and review exercises to test your knowledge about the subject learned. Large number of programming exercises to test your programming skills acquired.



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Table of Contents

Chapter 1: Algorithms and Program Development. **Chapter 2:** Overview of C Language. **Chapter 3:** Data Types Operators and Expressions. **Chapter 4:** Handling Keyboard Input and Screen Output. **Chapter 5:** Control Statements. **Chapter 6:** Functions. **Chapter 7:** Arrays. **Chapter 8:** Pointers. **Chapter 9:** Structures and Unions. **Chapter 10:** String Processing. **Chapter 11:** Files.

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