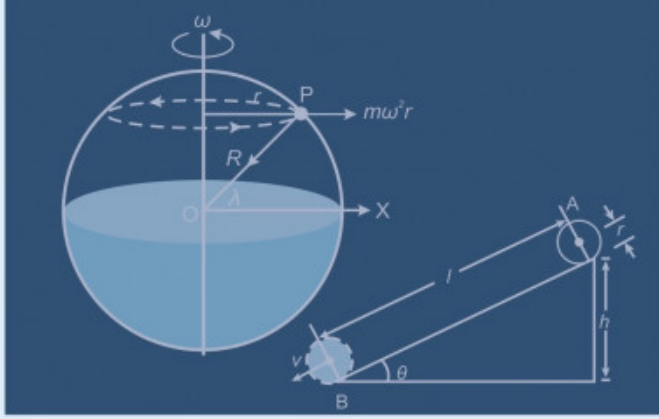


AICTE દ્વારા નિર્ધારિત થયેલ મોડલ અભ્યાસક્રમ મુજબનું પાઠ્યપુસ્તક

પરિણામ આધારિત શિક્ષણ સાથે સંરેખિત

રાષ્ટ્રીય શિક્ષણ નીતિ 2020



# ભૌતિકશાસ્ત્ર

યંત્રશાસ્ત્રનો પરિચય

(લેબ મેન્યુઅલ સાથે)



એ. બી. ભટ્ટાચાર્ય | અતનુ નાગ

## Physics (Introduction to Mechanics) (with Lab Manual) (Gujarati)

**Author :** A. B. Bhattacharya

**ISBN 13 :** 978-93-55381-66-8

**ISBN 10 :** 93-55381-66-2

**E-ISBN 13 :** 978-93-55381-66-8

**Edition :** First

**Pages :** 244

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**Country Origin :** India



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

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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.



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## About the Book

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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 21<sup>st</sup> century and onward engineering challenges and address the related questions.

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## Author

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- [A. B. Bhattacharya](#)

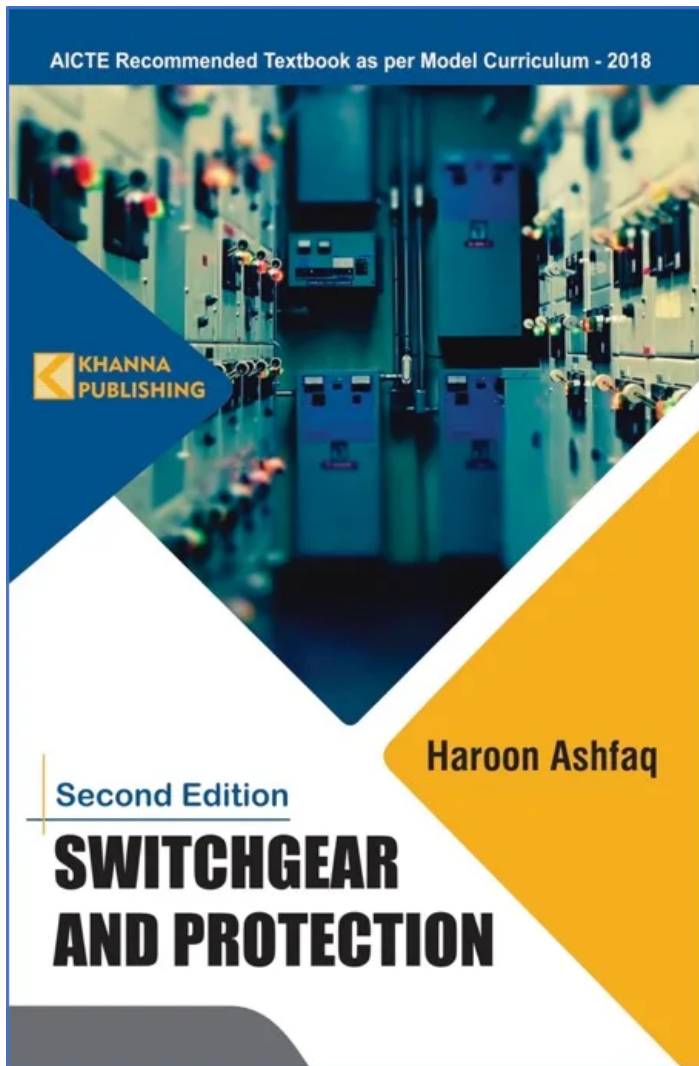
Prof. A. B. Bhattacharya, Pro-Vice-Chancellor of JIS University, did his M. Sc. and Ph. D. degree in Physics from the University of Calcutta. He did his Post-doc from the Massachusetts Institute of Technology, USA and subsequently joined in the Department of Physics, Kalyani University. He has published 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.

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## Switchgear and Protection

**Author :** Haroon Ashfaq

**ISBN 13 :** 978-93-80016-07-8

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**Publisher :** Khanna Publishing House

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**Categories :** [All books](#), [Electrical, Electronics & Communication Engineering](#), [Electrical, Electronics & Communication Engineering](#), [UNIVERSITY RECOMMENDED](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

This book is intended to serve as a textbook for course 'switchgear and protection' for B. Tech/B.E. Degree students of Electrical Engineering. It will also serve as a text reference for the students of diploma in electrical engineering. The common topics included in the syllabi of almost all engineering institutions in India are covered in this book.



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## Author

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**Haroon Ashfaq** Haroon Ashfaq is Assistant Professor, Department of Electrical Engineering, Jamia Millia Islamia, New Delhi. He is did his B.Tech in Electrical Engineering, M.Tech in Power Systems & Drives and has a doctorate in Electric Drives from Aligarh Muslim University, Aligarh. He has co-authored successful books which includes Network Analysis & Synthesis. He also has several international and national research publications to his credit.

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परिणाम आधारित शिक्षणाधी सुसंगत

राष्ट्रीय शैक्षणिक धोरण 2020

# आयटी प्रणालींचा परिचय

(प्रयोगशाळा नियमपुस्तिकेसह)



प्रशांत जोशी

## Introduction to IT Systems (with Lab Manual) (Marathi)

Author : Prashant Joshi

ISBN 13 : 978-93-55380-36-4

ISBN 10 : 93-55380-36-4

E-ISBN 13 : 978-93-55380-36-4

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Pages : 244

Type of book : Paperback

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Language : Marathi

Publisher : Khanna Publishing House

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Sale Price : Rs 255.20

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Condition Type : New

Country Origin : India



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## Product Description

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“**INTRODUCTION TO SYSTEMS**” is a compulsory paper for the first year Diploma 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 each and lucid manner. Every unit contains a set of exercise at the end of each unit to test student’s comprehension.

### **Some salient features of the book:**

I Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes.

I Practical are included with each unit for better understanding of the theoretical concepts.

I Book Provides interesting facts and various activities pertaining to topic. QR Codes are used for additional E-resources, use of ICT, online code editors, online quiz etc.

I Student and teacher centric subject materials included in balanced and chronological manner.

I Figures, tables, source code for web programming, numerous examples and applications are included to improve clarity of the topics.

I Objective questions, subjective questions and crossword exercise are given for practice of students after every chapter.



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UNIT 4: Open Office Tools  
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## Author

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**Prashant Joshi** Prashant Joshi </p>



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## Applied Chemistry (with Lab Manual) (Marathi)

Author :	Anju Rawlley
ISBN 13 :	978-93-55380-47-0
ISBN 10 :	93-55380-47-X
E-ISBN 13 :	978-93-55380-47-0
Edition :	First
Pages :	244
Type of book :	Paperback
Weight (g) :	350.00
Year :	2022
Language :	Marathi
Publisher :	Khanna Publishing House
Regular Price :	Rs 319.00
Sale Price :	Rs 255.20
Categories :	<a href="#">AICTE Prescribed Textbooks</a> , <a href="#">All books</a> , <a href="#">Marathi Books</a>
Condition Type :	New
Country Origin :	India

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## Product Description

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This text book o “Applied Chemistry” is development as per AICTE model curriculum ,2018, for compulsory course on Applied Chemistry of first years Diploma Programme 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 practicals and theory.

### Some salient features of the book

- | Course Outcomes and Unit Outcomes are written specifically and are mapped with programme Outcomes.
- | Utmost care have been taken to amalgamate the philosophy of outcome based education.
- | The structure of the textbook is comprehensive, where in practical exercises are integral part of each unit.
- | The text is presented in a very simple way with illustrations, examples, tables, flow chart, self -assessment questions and their solutions.
- | 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.

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- UNIT 5: Electro Chemistry



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## Author

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**Anju Rawley** Anju Rawley **D. V. Saraf** D. V. Saraf </p>

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