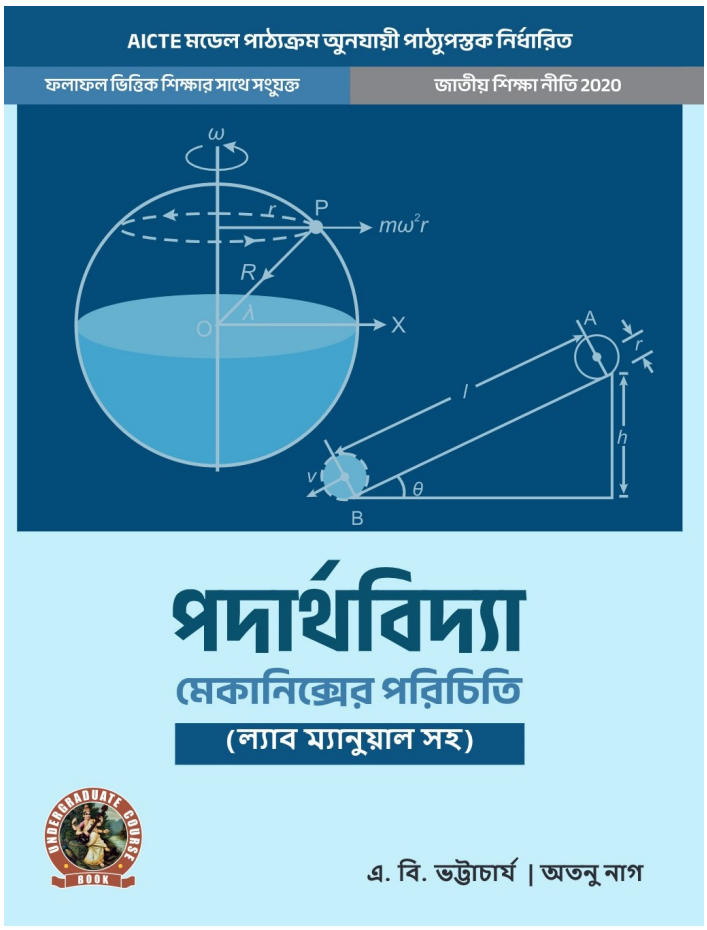


Physics (Introduction to Mechanics) (with Lab Manual)

Author :	A. B. Bhattacharya
ISBN 13 :	978-93-55381-16-3
ISBN 10 :	93-55381-16-6
E-ISBN 13 :	978-93-55381-16-3
Edition :	1
Pages :	236
Type of book :	Paperback
Year :	2025
Language :	Bengali
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks, Bengali Books, Ebooks
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.

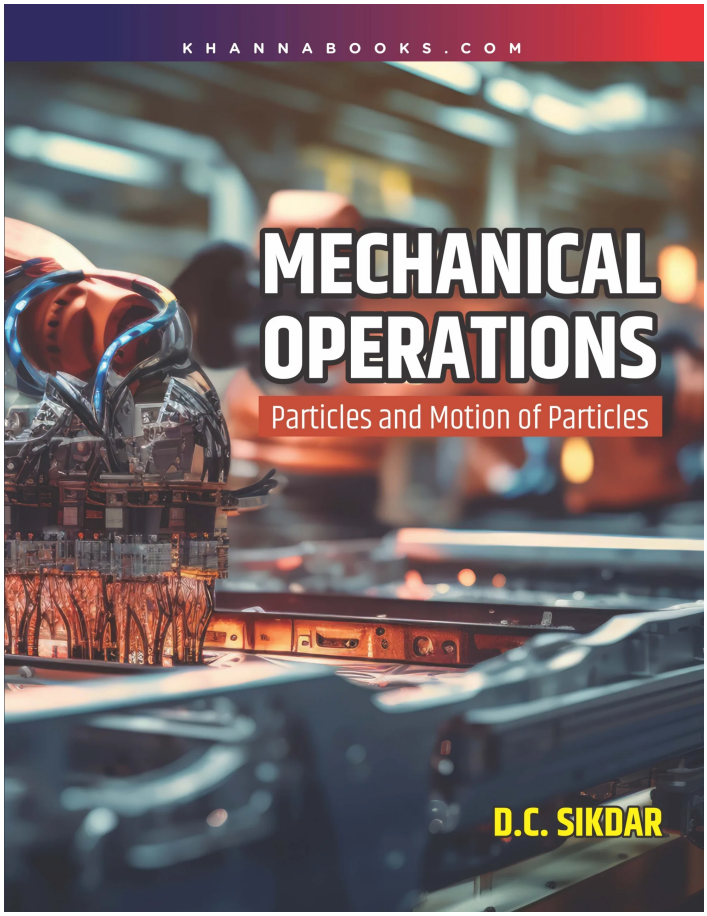
Table of Contents

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

Author

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. 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.

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



Mechanical Operations (Particles and Motion of Particles)

Author :	D.C. Sikdar
ISBN 13 :	978-93-55380-50-0
ISBN 10 :	93-55380-50-X
E-ISBN 13 :	978-93-55380-50-0
Edition :	1
Pages :	236
Type of book :	Paperback
Weight (g) :	370.00
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 345.00
Categories :	Chemical Engineering
Condition Type :	New
Country Origin :	India

Product Description

MECHANICAL OPERATIONS Particles and Motion of Particles Chapters Covered: 1. Introduction. 2. Particle Technology. 3. Size Reduction. 4. Flow of Fluid Past Immersed Bodies. 4. Motion of Particles Through Fluids. 6. Sedimentation. 7. Filtration. 8. Agitation and Mixing. 9. Sampling Storage and Conveying of Solids. 10. Magnetic Separations. 11. Jigging.

Table of Contents

Author

D. C. Sikdar (Ph.D.) is an associate professor, Department of Chemical Engineering, Dayananda Sagar College of Engineering, Bangalore, with more than two and half decades of teaching experience. Prof. Sikdar has published many papers in national and international journals of repute. he has received Best Research Thesis Award from Karnataka State Bio-fuel Development Board for guiding M. Tech Thesis on “Development of Bio-Hydrogen Dependent Fuel Cell using Micro Algae” in 2012. Prof. Sikdar is also a member of Indian Society of Technical Education (ISTE) and Indian Institute of Chemical Engineers (IICE).

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

Introduction to IT Systems (with Lab Manual)

Author :	Prashant Joshi
ISBN 13 :	978-93-55380-59-3
ISBN 10 :	93-55380-59-3
E-ISBN 13 :	978-93-55380-59-3
Edition :	First
Pages :	236
Type of book :	Paperback
Weight (g) :	300.00
Year :	2023
Language :	Gujarati
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks, Ebooks, Gujarati Books
SKU :	1725694946
Condition Type :	New
Country Origin :	India

Product Description

“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: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes. 2. Practical are included with each unit for better understanding of the theoretical concepts. 3. 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. 4. Student and teacher centric subject materials included in balanced and chronological manner. 5. Figures, tables, source code for web programming, numerous examples and applications are included to improve clarity of the topics. 6. Objective questions, subjective questions and crossword exercise are given for practice of students after every chapter.

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

Table of Contents

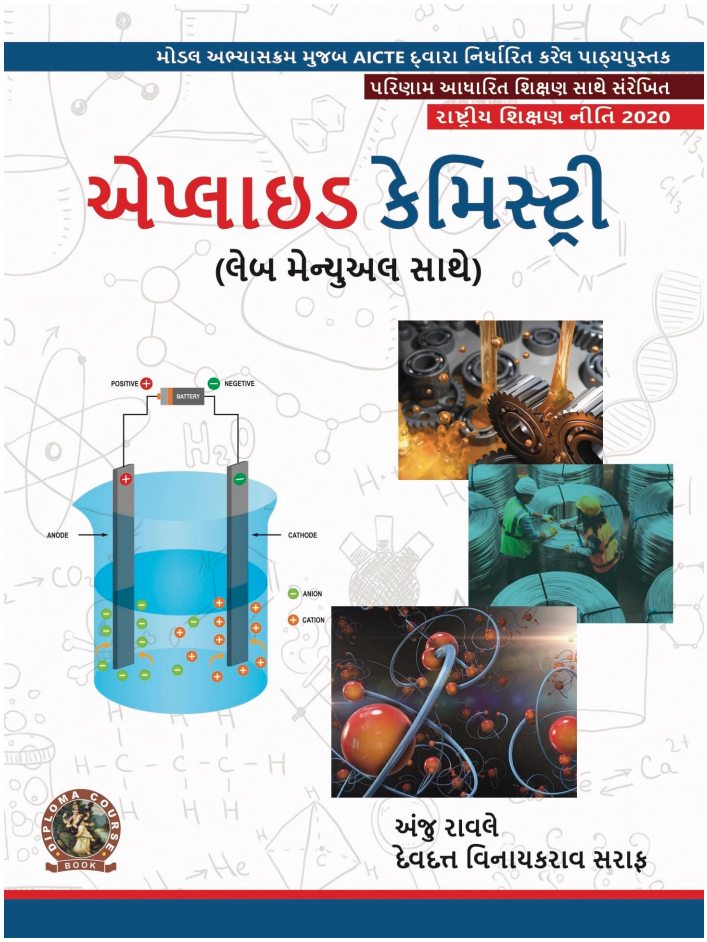
Author

Prashant Joshi

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



Applied Chemistry (with Lab Manual)

Author :	Anju Rawlley
ISBN 13 :	978-93-55380-19-7
ISBN 10 :	93-55380-19-4
E-ISBN 13 :	978-93-55380-19-7
Edition :	First
Pages :	236
Type of book :	Paperback
Weight (g) :	350.00
Year :	2025
Language :	Gujarati
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks, Ebooks, Gujarati 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 programme 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.

Table of Contents

Authors

Anju Rawlley

Devdatta Vinayakrao Saraf

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