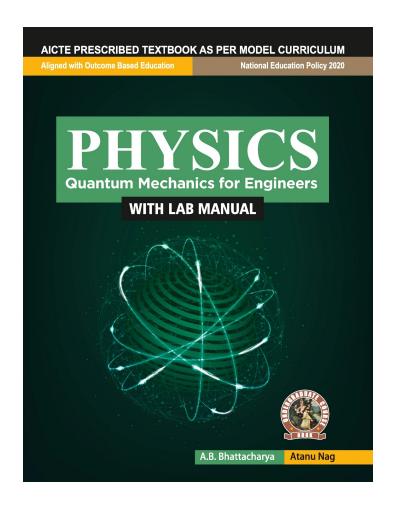
KHANNABOOKS.COM



Physics (Quantum Mechanics for Engineers) With Lab Manual

Author: A. B. Bhattacharya

ISBN 13: 978-93-91505-25-7

ISBN 10: 93-91505-25-2

E-ISBN 13: 978-93-91505-25-7

Edition: 1

Pages: 240

Year: 2025

Language : English

Publisher: Khanna Publishing House

Categories:

AICTE Prescribed Textbooks,

Ebooks, English Books

Condition Type: New

Country Origin: India

Product Description

For the implementation of an outcome based education the first requirement is to develop an outcome based curriculum and incorporate an outcome based assessment in the education system. By going through outcome based assessments evaluators will be able to evaluate whether the students have achieved the outlined standard, specific and measurable outcomes. With the proper incorporation of outcome based education there will be a definite commitment to achieve a minimum standard for all learners without giving up at any level. At the end of the Programme running with the aid of outcome based education, a student will be able to arrive at the following outcomes:



KHANNABOOKS.COM

Table of Contents

Unit 1:Basic Formalism of Quantum Mechanics Unit 2: Mathematical Preliminaries for quantum mechanics Unit 3: Applications of Schrodinger equation Unit 4: Introduction to Molecular Bonding Unit 5: Introduction to Solids Appendices Annexures References for Further learning CO and PO Attainment Table

Author

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.

