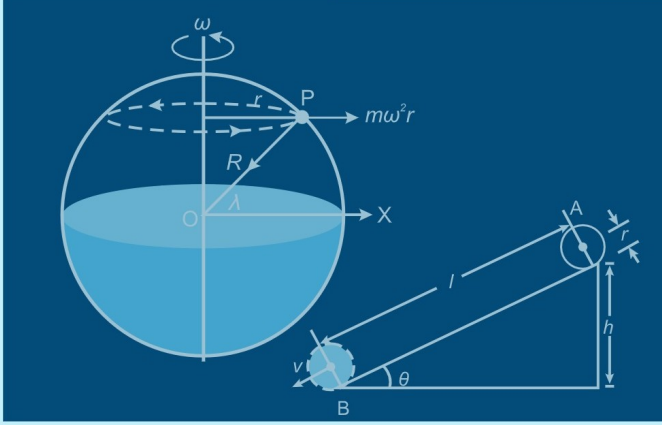


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ফলাফল ভিত্তিক শিক্ষার সাথে সংযুক্ত

জাতীয় শিক্ষা নীতি 2020



# পদার্থবিদ্যা

## মেকানিক্সের পরিচিতি

(ল্যাব ম্যানুয়াল সহ)



এ. বি. ভট্টাচার্য | অতনু নাগ

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

**Author :** A. B. Bhattacharya

**ISBN 13 :** 978-93-55381-16-3

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**Country Origin :** India



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- Expose basic science to the engineering students to the fundamentals of physics and to enable them to get an insight of the subject.
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## Author

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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.

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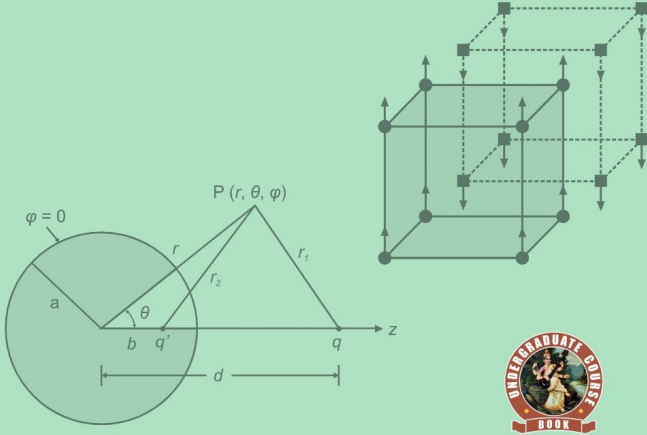
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**ISBN 13 :** 978-93-55381-11-8

**ISBN 10 :** 93-55381-11-5

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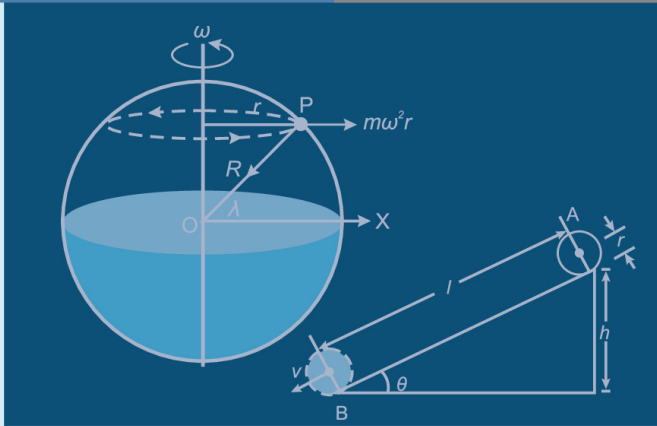
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മാതൃകാ പാഠ്യപദ്ധതി പ്രകാരം AICTE നിർദ്ദേശിച്ച പാഠപുസ്തകം

ഫലാധിഷ്ഠിത പാഠ്യപദ്ധതി

ദേശീയ വിദ്യാഭ്യാസ നയം 2020



# ഭൗതികശാസ്ത്രം

## മെക്കാനിക്സിന്റെ ആമുഖം

(ലാബ് മാനുവലിനൊപ്പം)



എ.ബി. ഭട്ടാചാര്യ | അതാനു നാഥ്

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<b>Author :</b>	A. B. Bhattacharya
<b>ISBN 13 :</b>	978-93-55381-46-0
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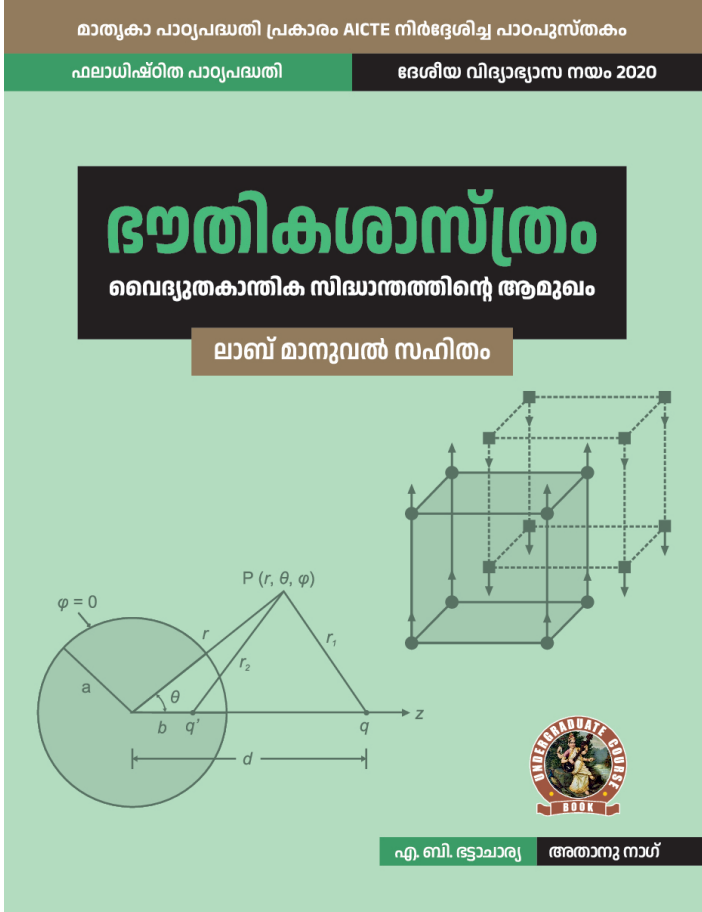
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**ISBN 13 :** 978-93-55381-55-2  
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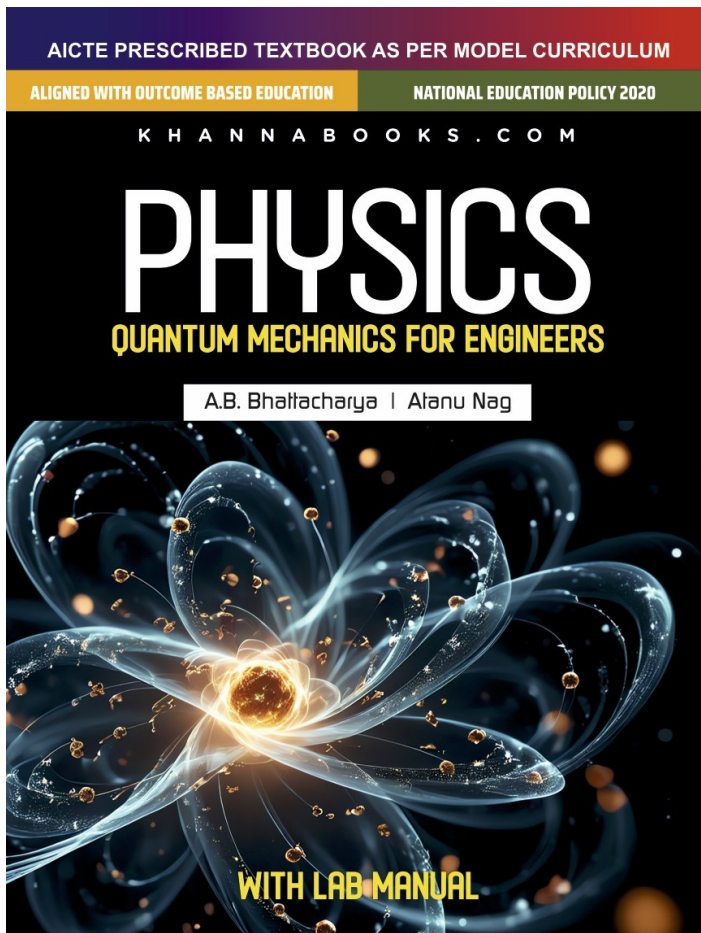
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## Physics (Quantum Mechanics for Engineers) With Lab Manual

<b>Author :</b>	A. B. Bhattacharya
<b>ISBN 13 :</b>	978-93-91505-25-7
<b>ISBN 10 :</b>	93-91505-25-2
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<b>Country Origin :</b>	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:



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### A. B. Bhattacharya

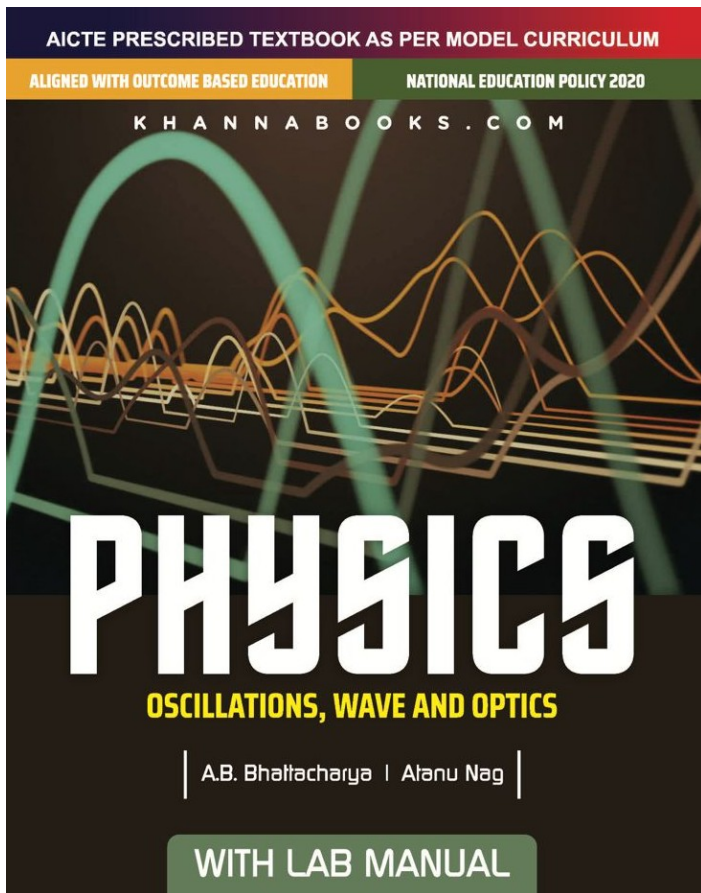
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## Physics (Oscillations, Waves and Optics) With Lab Manual

<b>Author :</b>	A. B. Bhattacharya
<b>ISBN 13 :</b>	978-93-91505-13-4
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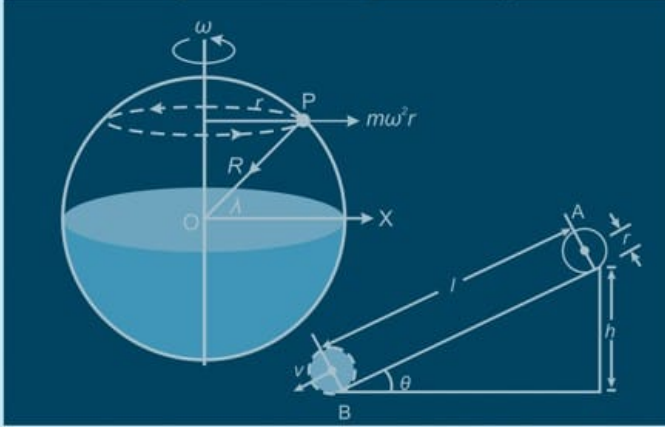
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అఖిల భారత సాంకేతిక విద్యా మండలి (AICTE) ఉమ్మడి నమూనా పాఠ్య ప్రణాళిక ప్రకారం

ఫలిత ఆధార విద్యను అనుసరించి

జాతీయ విద్యా విధానం (NEP) 2020



# భౌతిక శాస్త్రము

యాంత్రిక శాస్త్రానికి పరిచయం

(ప్రయోగ దీపిక తో)



ప.బి. భట్టాచార్య | అతను నాగ్

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## Authors

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

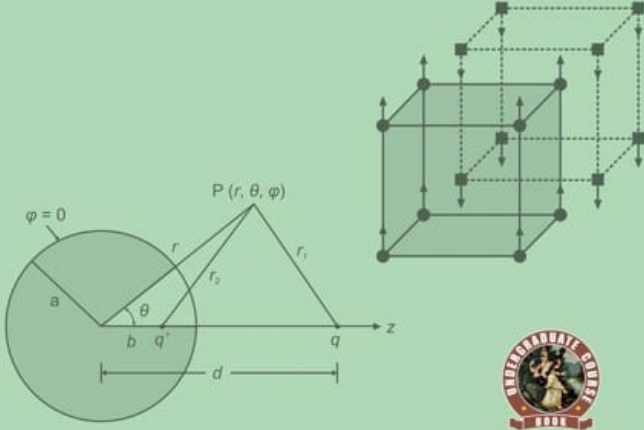
ఫలిత ఆధార విద్యను అనుసరించి

జాతీయ విద్యా విధానం (NEP) 2020

# భౌతిక శాస్త్రము

విద్యుదయస్కాంత శాస్త్రానికి పరిచయం

(ప్రయోగ దీపిక తో)



పి.బి. భట్టాచార్య

అతను నాగ్

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

**Author :** A. B. Bhattacharya

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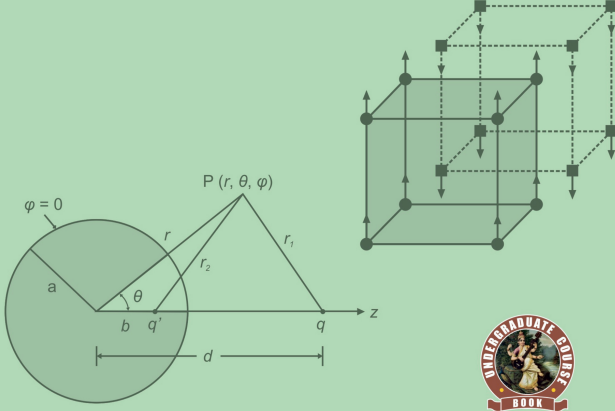
ಫಲತಾಂಶ ಆಧಾರಿತ ಶಿಕ್ಷಣದೊಂದಿಗೆ ಹೊಂದಿಸಲಾಗಿದೆ

ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿ 2020

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(ಲ್ಯಾಬ್ ಕೈಪಿಡಿಯೊಂದಿಗೆ)



ಎ. ಬಿ. ಭಟ್ಟಾಚಾರ್ಯ ಅತನು ನಾಗ್

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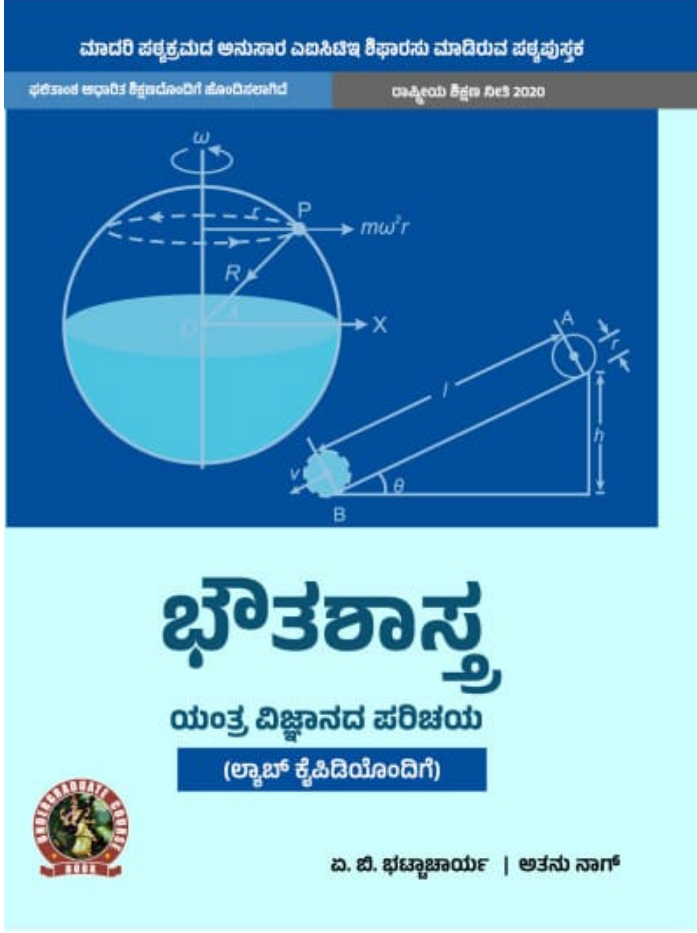
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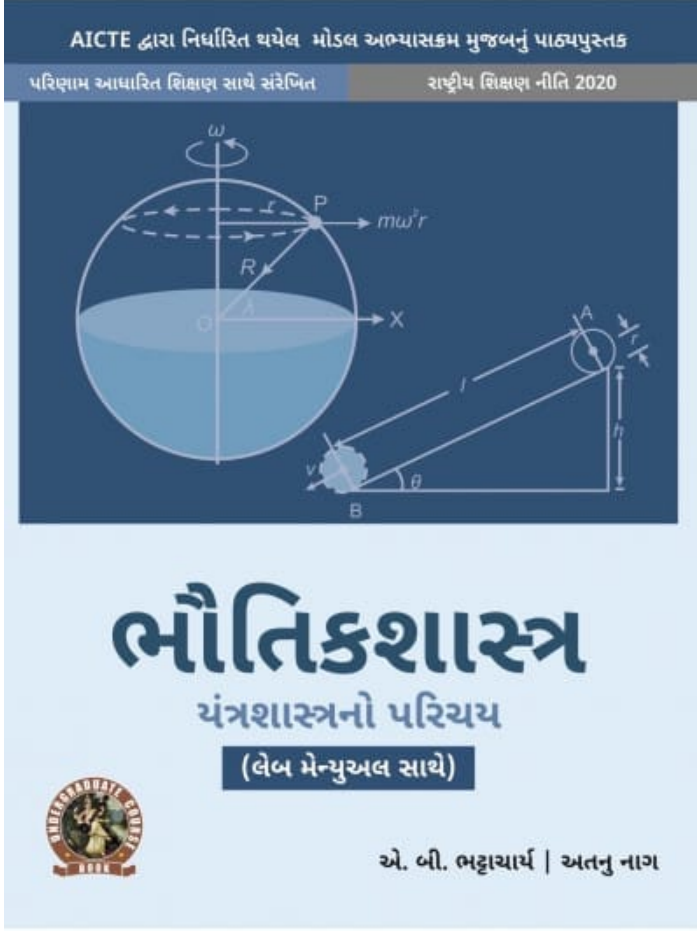
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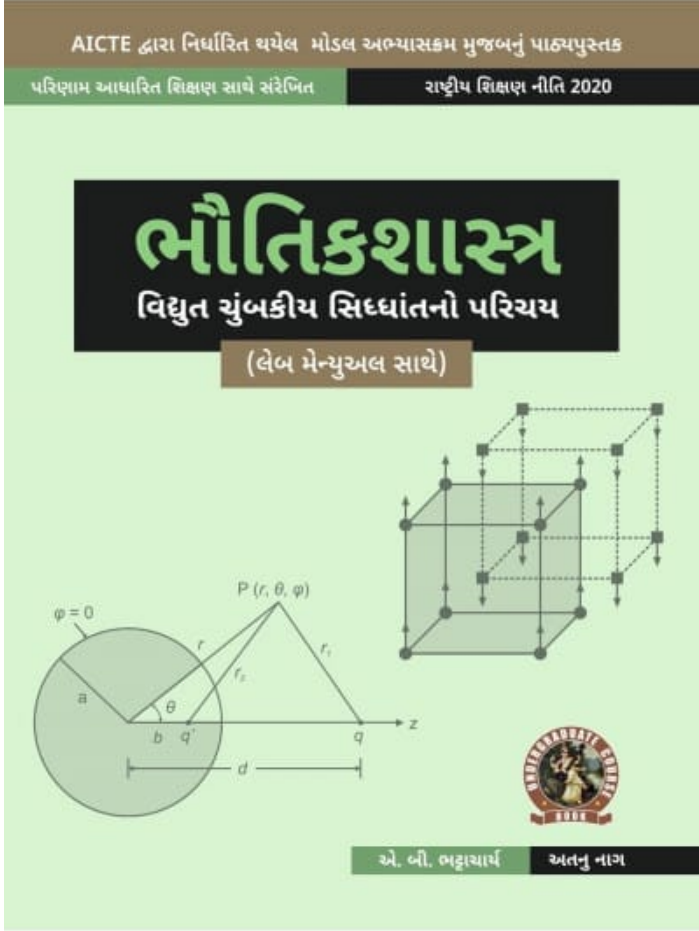
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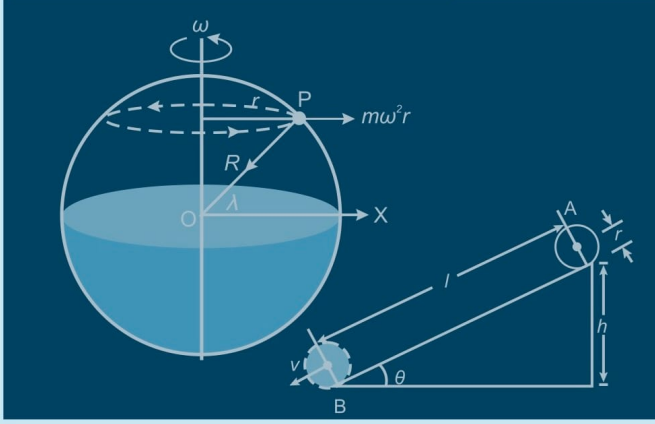
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மாதிரி பாடத்திட்டத்தின்படி AICTE - ஆல் பரிந்துரைக்கப்பட்ட பாடப்புத்தகம்

வெளிப்பாடு அடிப்படையிலான கல்வியின்படி வழுவமைக்கப்பட்டது

தேசிய கல்விக் கொள்கை 2020



# இயற்பியல்

இயந்திரவியல் - ஓர் அறிமுகம்

(ஆய்வக கையேட்டுடன்)



ஏ.பி. பட்டாச்சார்யா | அடானு நாக்

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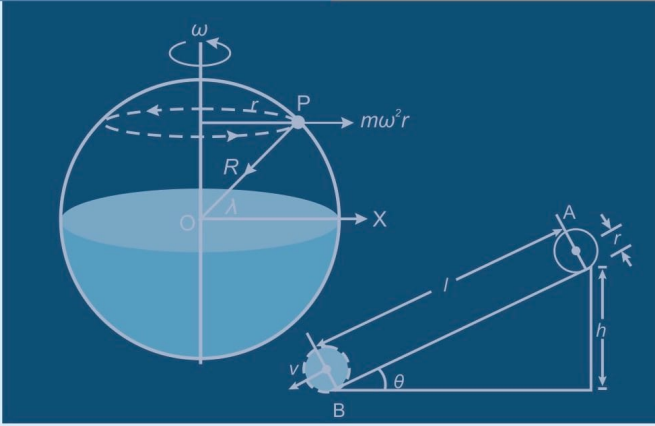
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परिणाम आधारित शिक्षणाधी सुसंगत

राष्ट्रीय शैक्षणिक धोरण 2020



# भौतिकशास्त्र

यांत्रिकीचं परिचय

(प्रयोगशाळा नियमपुस्तिकेसह)



ए.बी. भट्टाचार्य | अतानू नाग

## Physics (Introduction Mechanics)

Author : A. B. Bhattacharya

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Language : Marathi

Publisher : Khanna Publishing House

Categories : [AICTE Prescribed Textbooks](#), [Ebooks](#), [Marathi Books](#)

Condition Type : New

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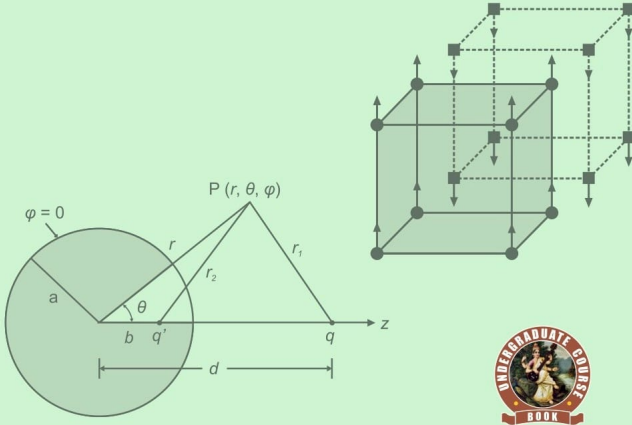
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4C/4344, Ansari Road, Daryaganj, New Delhi-110002

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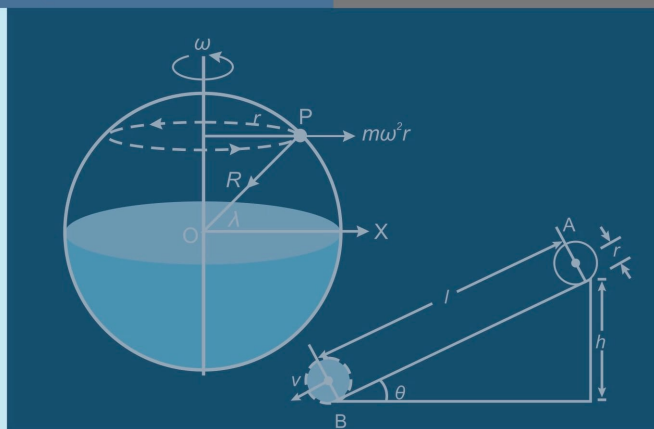
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Aligned with Outcome Based Education

National Education Policy 2020



# PHYSICS

## Introduction to Mechanics

WITH LAB MANUAL



A.B. Bhattacharya | Atanu Nag

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

<b>Author :</b>	A. B. Bhattacharya
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<b>Year :</b>	2024
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<b>Publisher :</b>	Khanna Publishing House
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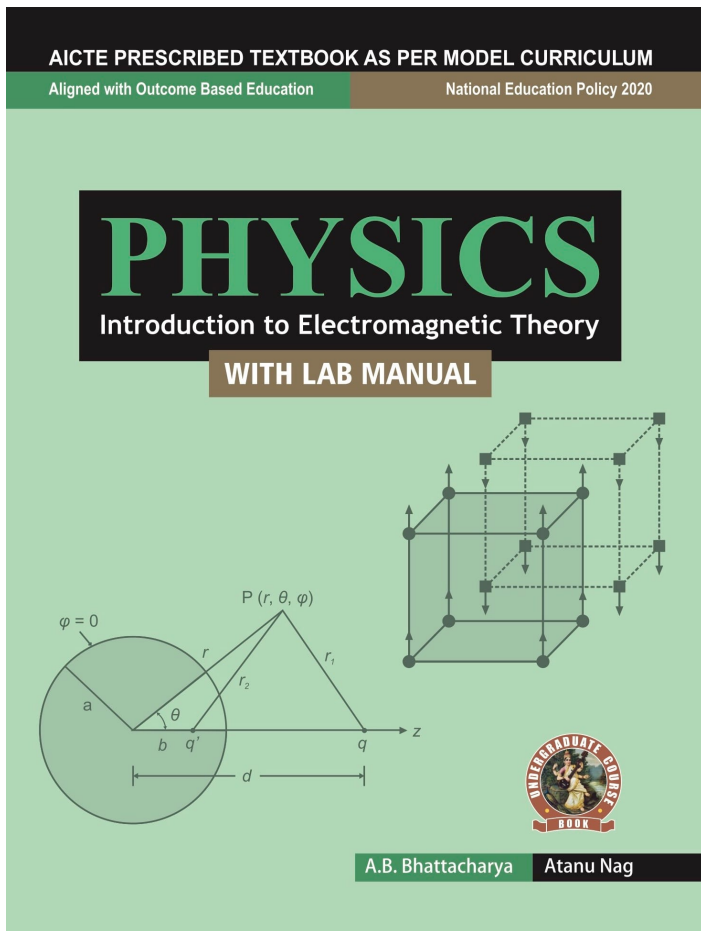
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<b>Author :</b>	A. B. Bhattacharya
<b>ISBN 13 :</b>	978-93-91505-16-5
<b>ISBN 10 :</b>	93-91505-16-3
<b>E-ISBN 13 :</b>	978-93-91505-16-5
<b>Edition :</b>	First
<b>Pages :</b>	308
<b>Type of book :</b>	Paperback
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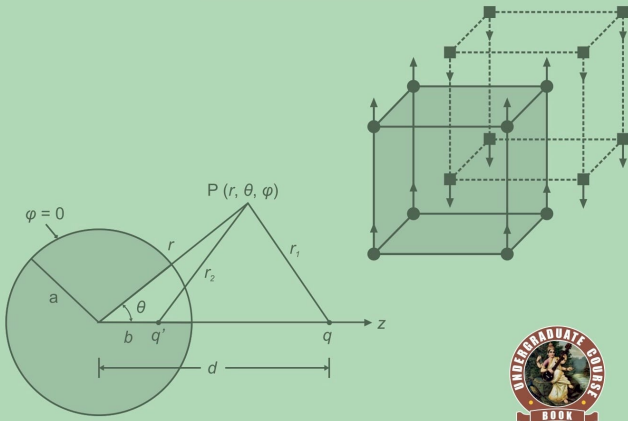
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लैब मैनुअल सहित



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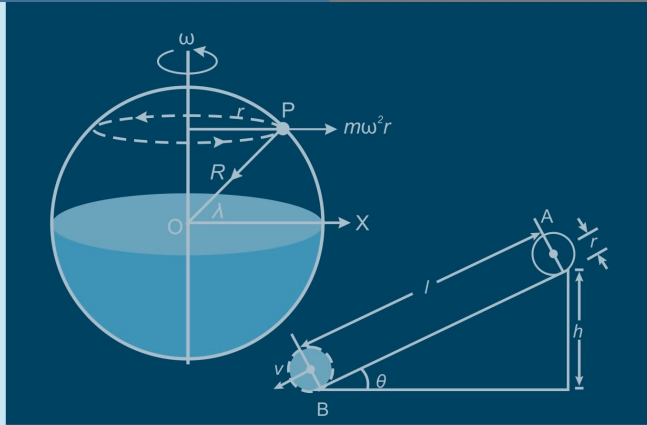
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परिणाम आधारित शिक्षा के साथ संरेखित

राष्ट्रीय शिक्षा नीति 2020



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**Unit 1:** Introductory Mechanics.

**Unit 2:** Conservation Principles.

**Unit 3:** Dynamics of Particles.

**Unit 4:** Oscillations.

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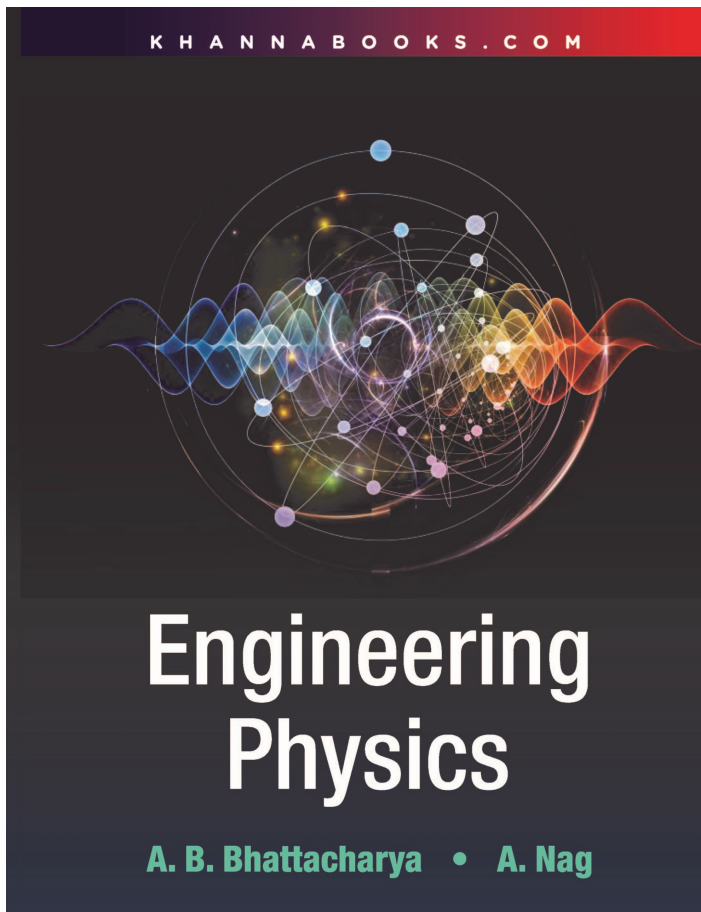
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In this book titled 'Engineering Physics,' the authors have given sincere efforts to explain the concepts of Physics in a very judicial way for the Engineering students of different branches so that they can acquire a reasonably good knowledge on the subject without devoting much time. In order to implement it successfully, the authors have maintained the following two features throughout: 1. Learning objectives are outlined at the beginning of each chapter followed by their item-wise presentation lucidly for a better understanding of the readers. 2. Each chapter is enriched with solved numerical problems including exercises and supplementary problems for the routine practice helpful for the examinations.



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