



Second Semester
Core Course PHYSICS - B.Sc Programme
UNIVERSITY OF CALICUT

Mechanics II

Dr. Shaju K Y
Prof. Arun V

Second Semester
Core Course PHYSICS - B.Sc Program
UNIVERSITY OF CALICUT

Mechanics

Dr. Shajuk Y
Prof. Arun V

Our Publications

Semester 1 Mechanics - I
Semester 2 Mechanics - II
Semester 3 Electrodynamics - I
Semester 4 Electrodynamics - II
Semester 5 Computational Physics

Quantum Mechanics
Optics

Electronics

Semester 6 Thermodynamics
Statistical Physics, Solid State Physics, Spectroscopy and Photonics
Nuclear Physics and Particle Physics
Relativistic mechanics and Astrophysics
Nanoscience and Technology
Materials Science
Core Physics Practical

Complementary Course

Properties of Matter & Thermo Dynamics
Optics, Laser & Electronics
Mechanics, Relativity, Waves and Oscillations
Electricity, Magnetism and Nuclear Physics
Complementary Physics Practical



The Calicut University
Central Co-operative Stores Ltd. No. 4347
P.O. Calicut University Ph : 830-0314112, 0404 2400012
Email : centralstore4347@gmail.com



Mechanics-II

(For II Semester, B.Sc. Physics (Core)
Calicut University)

Prof. Dr. Shaju K.Y., M.Sc., PGDCA, M.Phil., Ph.D.
*Vice Principal and Head of the Dept.,
Associate Professor, Department of Physics,
Christ College, Irinjalakuda
Thrissur, Kerala - 680 125*

Prof. Arun V., M.Sc.
*Assistant Professor, Department of Physics,
KKTM Govt. College, Pullut, Kodungallur
Thrissur, Kerala - 680 663*

Copyright : Authors

Typeset and Layout : Dr.Shaju K.Y.

Figures and Cover : Prof.Arun V.

Printed at: PrintArts Offset, Feroke

Publishers: Calicut University

Central Co-operative Stores Ltd.No.4347,

Calicut University P.O., 673635,

Ph: 0494-2400012

First Edition : April 2021

ISBN No. : 978-93-90783-73-1

Price : RS. 180/-

The views and opinions expressed in this book are of the authors.
The Publishers are not in any way liable for the same.