

PHYSICS REFERENCE BOOKS



IGNITING INGENIOUS MINDS

- 1 **Physics Vol. 1 & 2 by H. C. Verma (JEE / NEET / KVPY)**
- 2 **Understanding Physics for JEE Main & Advanced Vol 1 to 5 by D. C. Pandey (JEE / NEET / KVPY)**
- 3 **NCERT Class XI and XII (BOARDS/ JEE / NEET / KVPY)**

OTHER REFERENCE BOOKS

- 1 Physics for JEE (Main & Advanced) by Halliday / Resnick / Walker
- 2 An Introduction to Mechanics by David Kleppner and Robert Kolenkow
- 3 Mechanics (In SI Units): Berkeley Physics Course Vol 1 by Charles Kittel and Walter Knight
- 4 Electricity and Magnetism (In SI Units): Berkeley Physics Course – Vol.2 by Edward Purcell and David Morin
- 5 Fundamentals of Optics by Francis A. Jenkins, Harvey E. White
- 6 Introduction to Classical Mechanics with Problems and Solutions by David Morin
- 7 Waves (In SI Units): Berkeley Physics Course Volume 3 by Franks Crawford
- 8 Introduction to Electrodynamics by David J. Griffiths.

OLYMPIAD LEVEL PROBLEM COLLECTIONS

- 1 200 Puzzling Physics Problems with Hints and Solutions by Peter Gnädig
- 2 200 More Puzzling Physics Problems with Hints and Solutions by Peter Gnädig
- 3 The International Physics Olympiad – Topic wise problems and solutions (If solution link fails use Icelandic version of site)
- 4 Study guides for IPhOs – with problem sets in Kinematics, Mechanics, Electrical Circuits, Thermodynamics etc.
- 5 Cambridge problems in physics and advice on solutions by P P Dendy
- 6 Thinking like a Physicist, Physics Problems for Undergraduates by N Thompson.
- 7 Cavendish problems in classical physics by A B Pippard

OTHER INTERESTING BOOKS FOR FUN AND PUZZLES

- 1 Physics for Entertainment Book 1 & 2 by Perelman
- 2 The Flying Circus of Physics by Jearl Walker
- 3 Brainteaser Physics: Challenging Physics Puzzlers by Goran Grimvall
- 4 Mad about Physics by Christopher Jargodzki
- 5 Mad about Modern Physics by Christopher Jargodzki
- 6 Mr. Tompkins in Wonderland and Mr. Tompkins Explores the Atom by George Gamov

PROBLEM COLLECTIONS

- 1 Pathfinder for Olympiad & JEE: Physics by Tiwari/Singh/Jangid
- 2 Science for Everyone: Aptitude Test Problem in Physics by S.S. Krotov
- 3 Problems in General Physics by I E Irodov
- 4 Physics by Example: 200 Problems and Solutions by W. G. Rees
- 5 300 Creative physics problems with solutions by Laszlo Holics