

## Reference Books on Tata Institute of Fundamental Research Ph.D in Physics Entrance Exam

- A New Concise Inorganic Chemistry by J.D. Lee
- Advanced Engineering Mathematics by Erwin Kreyszig
- Advanced Organic Chemistry by Arun Bahl and B.S. Bahl
- An Introduction to Mechanics by Daniel Kleppner, Robert J. Kolenkow
- Basic Physics by Rupa
- Basic Physics in Radiology by Raymond Oliver L A
- Basic Radiological Physics by Thayalan
- Classical Mechanics: A modern Perspective by Barger & Olsson
- Classical Mechanics by H. Goldstein
- Classical Mechanics by S.N. Biswas
- Electricity and Magnetism by Berkeley Series
- Electricity and Magnetism by D C Tayal
- Electricity and Magnetism by D.Chattopadhyay and P.C.Rakshit
- Electricity and Magnetism by Edward M. Purcell
- Electricity and Magnetism by J.H.Fewkes & John Yarwood
- Electrostatics and Magnetostatics by B.B.Laud
- Essentials of Radiology Physics by Charles A Kelsey
- Fundamentals of Electricity and Magnetism by Arthur F. Kip
- Fundamentals of Physics by Resnick Walker Halliday
- Introduction to Radiological Physics and Radiation Dosimetry by Frank Herbert Attix
- Fundamentals of Waves & Oscillations by K. Uno Ingard
- General Properties of Matter by Newman and Searle
- General Properties of Matter by Sengupta and Chatterjee
- Higher Engineering Mathematics by B S Grewal
- Introduction to Electrodynamics by J. Griffiths
- Introduction to Mathematical Physics by C.Harper

- Introduction to the Physics of Diagnostic Radiology by Edward E Christensen, Thomas S Curry
- Mathematical methods for physicists by Arfken and Weber
- Mechanics by D S Mathur
- Mechanics by Keith R. Symon
- Mechanics by S. Hans, S.P. Puri
- Modern Chemistry by P S Sindhu
- Optical Physics by Lipson, and Tannhauson
- Optics by A. Ghatak
- Optics by E Hecht
- Organic Chemistry by R.T. Morrison & R.N. Boyd
- Organic Chemistry by T.W. Graham Solomons
- Organic Chemistry, (Vol. I & II) by I.L. Finar
- Physics by Halliday and Resnick
- Physics of Radiology by Anthony B Wolbarst
- Physics of Radiology by Harold Elford Johns, John Robert Cunningham
- Principles and Applications of Radiological Physics by Donald Graham
- Principles of Acoustics by B.Ghosh
- Principles of Optics by B. K. Mathur
- Principles of Optics by M. Born, E. Wolf
- Properties of Matter by D.S. Mathur
- Schaum's Outline of Theory and Problems of Fourier Analysis by Murray R. Spiegel
- Sound by P.K.Chakraborty and S.B.Choudhury
- Textbook of Sound by A.B.Wood
- Principles of Radiology Physics by Donald Graham, Robert Gordon, Graham
- Textbook of Sound by K.Bhattacharjee
- The Physics of Waves and Oscillations by N.K. Bajaj
- Thermodynamics, Kinetic Theory and Statistical Thermodynamics by Sears and Salinger

- University Physics by F W Sears, M W Zemansky and H D Young
- Radiology Review: Radiologic Physics by Edward L Nickoloff
- Vector Analysis and Cartesian Tensors, by D. E. Bourne, P C Kendall
- Vibrations and Waves by A. P. French
- Vibrations, Waves and Acoustics by D.Chattopadhyay and P.C. Rakshit