

# Engineering Physics 1st Sem

Introduction to Engineering Physics Vol-1 (U.P.Tech.Uni.Lucknow)  
 Engineering Physics - an Integrated Approach  
 Applied Physics:  
 A Textbook of Engineering Physics (For 1st & 2nd Semester of M.G. University, Kerala)  
 ENGINEERING PHYSICS-II (BASIC PHYSICS)  
 Textbook of Applied Physics  
 Principle of Engineering Physics Ist Sem  
 ENGINEERING PHYSICS-I (BASIC PHYSICS)  
 Engineering Physics: Vol. 1  
 Engineering Physics (VTU)  
 A Textbook of Engineering Physics  
 Basic Electrical Engineering (Be 104)  
 S.Chand Engineering Physics  
 Engineering Physics  
 S.Chand's Engineering Physics Vol-1  
 Engineering Physics Theory And Experiments : (As Per The New Syllabus, B. Tech. I Year Of U.P. Technical University)  
 Engineering Physics I: For WBUT  
 For Diploma Students  
 Modern Engineering Physics  
 Applied Physics 2  
 Engineering Physics Practicals  
 S. Chand's Engineering Physics (For 1st Semester of RTM University, Nagpur)  
 Engineering Physics Volume I (For 1st Year of JNTU, Kakinada)  
 ENGINEERING PHYSICS, THIRD EDITION  
 S.Chand'S Problems in Engineering Physics  
 Essentials of Engineering Physics (RTU)  
 A Textbook of Engineering Physics (Kerala)  
 Engineering Physics  
 A Text Book of Applied Physics  
 Engineering Physics  
 Engineering Physics (For 1st Year of JNTU, Anantapur)  
 Textbook Of Engineering Physics  
 Textbook Of Engineering Physics  
 Engineering Physics  
 Physics for Engineers  
 A Textbook of Engineering Physics, Volume-I (For 1st Year of Anna University)  
 For Polytechnic First Year Common to All Branches  
 Principle of Engineering Physics II Sem

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## JOHNSON KOCH

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The book in present form is due to the outcome of excellent received for the Author's Book "Modern Engineering Physics" which is prescribed in M.D. University, Rohtak and Kurushetra university and other universities of Haryana. In order to make the book more useful and strictly as per the syllabi of Haryana Universities, most of the topics have been revised  
[Introduction to Engineering Physics Vol-1 \(U.P.Tech.Uni.Lucknow\)](#)  
 PHI Learning Pvt. Ltd.  
 A Textbook of Engineering Physics, Volume-I (For 1st Year of Anna University)S. Chand Publishing  
[Engineering Physics - an Integrated Approach](#) New Age International  
 Lasers And Holography |Nano Technology & Super Conductivity| Crystallography & Moder Engineering |Ultrasonics | Fibre Optics Applications Of Optical Fibress  
 PHI Learning Pvt. Ltd.  
 For the Students of B.E./B.Tech.of Rajasthan Technical University, Kota (Rajasthan).Many topics have been rearranged and many more examples have been included to make the various articles and examples more lucid and care has been taken to include all the examples that have been set in various university examinations.

**Applied Physics:** S. Chand Publishing

This book aims at providing a complete coverage of the needs of First Year students as per S.B.T.E's. revised syllabus. The entire revised syllabus has been covered keeping in view the non-availability of the complete subject matter through a single source. The difficult articles have been explained in a simple language providing, wherever necessary, neat and well explained diagrams so that even an average student may be able to follow it independently. A sufficient number of solved examples and problems with answers and SBTE questions are given at the end of each topic. Formulae specifying symbol meaning are enlisted before solving the examples.

[A Textbook of Engineering Physics \(For 1st & 2nd Semester of M.G. University, Kerala\)](#) Pearson Education India  
 For B.E./B.Tech. students of Maharishi Dayanand University (MDU) and Kurushetra University, Kurushetra and other universities of Haryana. Many topics have been re-arranged and many more examples have been included to make the various articles and examples more lucid and care has been taken to include all the examples that have been set in various university examinations.

**ENGINEERING PHYSICS-II (BASIC PHYSICS)** PHI Learning Pvt. Ltd.

For the first year students of B.E./B.Tech/B.Arch. and also useful for competitive Examinations. A number of problems are solved. New problems are included in order to expedite the learning process of students of all hues and to improve their academic performance. Each chapter divided into smaller parts and subheading are provided to make the reading a pleasant journey  
[Textbook of Applied Physics](#) S. Chand Publishing  
 S.Chand'S Engineering Physics  
[Principle of Engineering Physics Ist Sem](#) S. Chand Publishing  
 or BE/BTech /B Arch students for third semester of all engineering Colleges under UPTU This book is primarily written according to the unified syllabus (2009-2010) of Mathematics-III for all Engineering students.

**ENGINEERING PHYSICS-I (BASIC PHYSICS)** Laxmi Publications  
 The book is designed to serve as a textbook for an introductory course in physics for the first year B.E. Students of Anna University, Chennai and RTM Nagpur University, Nagpur. The book is written with the distinctive objectives of providing the students a single source of material as per the syllabi and solid foundation in physics. Engineering may be broadly called applied physics, which developed itself through application of principles of basic physics. The fundamental discoveries in physics are harnessed by engineering; and in turn, engineering paved way to more discoveries in physics.

[Engineering Physics: Vol. 1](#) S. Chand Publishing

A Textbook of Engineering Physics  
[Engineering Physics \(VTU\)](#) S. Chand Publishing  
 Interference | Diffraction | Polarization | Crystal Structures | Crystal Planes And X-Ray Diffraction | Laser | Fiber Optics | Non-Destructive Testing Using Ultrasonics | Question Papers | Appendix  
[A Textbook of Engineering Physics](#) Pearson Education India  
 Written according to syllabus of Viswesvaraya Technological University, Belgaum, Karnataka

**Basic Electrical Engineering (Be 104)** Rapid Education  
 Engineering Physics has been written keeping in mind the first year engineering students of all branches of various Indian universities. The second edition provides more examples with solution. It also offers university question papers of recent years with model solutions.

[S.Chand Engineering Physics](#) S. Chand Publishing  
 Interference | Diffraction | Polarization | Lasers | Fibre Optics | Simple Harmonic Motion | Wave Motion | Ultrasonics And Acoustics | X-Rays | Electronic Configuration | General Properties Of The Nucleus | Nuclear Models | Natural Radioactivity | Nuclear Reactions And Artificial Radioactivity | Nuclear Fission And Fusion | Crystal Structure | Band Theory Of Solids | Metals, Insulators And Semiconductors | Magnetic And Dielectric Properties Of Materials | Maxwell's Equations | Matter Waves And Uncertainty Principle | Quantum Theory | Super-Conductivity | Statistics And Distribution Laws | Scalar And Vector Fields

[Engineering Physics](#) Vikas Publishing House

Physics For Engineers Is A Text Book For Students Studying A Course In Engineering. The Book Has Been Written According To The Syllabi Prescribed In The Various Universities Of Karnataka. But It Can Be Profitably Used By The Students Of Other Indian Universities As Well. Engineering Is Generally Regarded As Applied Physics. It Is The Purpose Of The Book To Present The Principles And Concepts Of Physics As Relevant To An Engineer. The Topics Covered In The Book Are Drawn From Acoustics, Optics, Solid State Physics, Materials Science, Heat, Thermodynamics, Electricity And Magnetism. Some Of The Salient Features Of The Book Are: \* Lucid Style \* Clarity In The Presentation Of Concepts \* Contains Numerous Problems And Solved Examples \* Has More Than 300 Figures.

**S.Chand's Engineering Physics Vol-1** S. Chand Publishing  
 This book is a sequel to the author's Engineering Physics Part I and is written to address the course curriculum in Engineering Physics-II (Course Code EAS-102) of the B.Tech syllabus of the Uttar Pradesh Technical University. The book is designed to meet the needs of the first-year undergraduate students of all branches of engineering. It provides a sound understanding of the important phenomena in physics.

[Engineering Physics Theory And Experiments : \(As Per The New Syllabus, B. Tech. I Year Of U.P. Technical University\)](#) Courier Corporation

This book is written specifically to address the course curriculum in Engineering Physics for the first-year students of all branches of engineering. Though most of the topics covered are customarily taught in several universities and institutes, the book follows the sequence of topics as prescribed in the course syllabus of engineering colleges in Tamil Nadu. This new edition of the book continues to present the fundamental concepts of physics in a pedagogically sound manner. It includes a new chapter on Thermal Physics, which is essential for core engineering students. Furthermore, topics like crystal growth techniques, estimation of packing density of diamond and the relation between three moduli of elasticity are included at the appropriate places, to improve the understanding of the subject matter. **KEY FEATURES**  
 • Several numerical problems (solved and unsolved) to strengthen the problem-solving ability of students  
 • Short and Long questions at the end of each chapter  
 • Model Test Papers with solutions  
 • Summary at the end of each chapter to recapitulate the most important results of the chapter  
[Engineering Physics I: For WBUT](#) PHI Learning Pvt. Ltd.  
 According to the syllabus of 1st semester University of Mumbai.  
**For Diploma Students** I. K. International Pvt Ltd  
 This book covers all the topics related to vector calculus, Electrostatics and Magnetostatics from basics to advanced to cater all the needs of students from engineering institutions. It covers topics related to syllabus of Rajasthan Technical

University, West bengal Technical University, U.P. technical university etc. it prepares students for GATE, GRE, NET, SLET for the subject.