

Basic Mechanical Engineering S1s2 Kannur University

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Basic Mechanical Engineering John Wiley & Sons
Elements of Mechanical Engineering occupy a prominent position of understanding over view of mechanical engineering. It consists of three units which are basic principals of thermodynamics, basic manufacturing process, simple stress and strain. Throughout the book S.I. units have been followed. Basic principle has been explained in detail by using solved problems. Several unsolved problems, tutorial sheets, objective questions have been provided at the end of each chapter for practice. This book is intended to serve as a textbook for the course of B. Tech. 1st and 2nd semester for the students of Amity University, who find difficulties for finding syllabus of Amity University in a single book, and is written in SI system. Each chapter of the book is written in a simple and logical way and explaining theory with the help of examples.

Basic Mechanical Engineering, 2e, 2nd Edition John Wiley & Sons
Basic Mechanical Engineering curriculum focuses on what mechanical engineering is all about: design, analysis, materials and manufacture of systems. To that extent, all mathematics, science, and engineering courses relate their contents to analysis, design, development and manufacturing. Mechanical Engineering explains about the knowledge and understanding of the concepts in the mechanical engineering discipline. This book focuses on basic engineering concepts which will help student to perform well in the engineering field. The following topics are covered in this subject: • Design fundamentals • Engineering materials • Manufacturing processes • Machine tools • Thermal Engineering • Theory of Machines and Machine Design • Power absorbing devices • Steam Boilers, Compressors, Engines, and Turbines • Refrigeration and Air-conditioning Key Features • Course learning objectives • All topics explained in simple and lucid manner • Sufficient theory questions and Numerical problems for practice

Basics of Civil and Mechanical Engineering Laxmi Publications
The Book Provides A Glimpse Of The Fascinating Field Of Mechanical Engineering To The Entrants To Engineering Colleges.It Gives An Insight Into The Major Areas Of Mechanical Engineering, Like Power Production, Energy Alternatives, Production Alternatives And The Latest Computer Controlled Machine Tools.The Book Is Made Interesting With Numerous Sketches And Schematics - A Definite Advantage In Understanding The Subject.

Basic Mechanical Engineering Independently Published
This Book Is The Systematic Presentation Of The Concepts And Principles Essential For Understanding Engineering Thermodynamics, Engineering Mechanics And Strength Of Materials. Textbook Covers The Complete Syllabus Of Compulsory Subject Of Mechanical Engineering Of Uttar Pradesh Technical University, Lucknow In Particular And Other Universities Of The Country In General For Undergraduate Students Of Engineering And Technology. * Basic Concepts And Laws Of Thermodynamics Have Been Clearly Explained Using A Large Number Of Solved Problems * Entropy, Properties Of Pure Substances, Thermodynamic Cycles And Ic Engines Are Described In Detail. Steam Tables Andmollier Diagram Is Included * Principles Of Engineering Mechanics Have Been Discussed In Detail And Supported By Sufficient Number Of Solved And Unsolved Problems * Simple And Compound Stresses Are Discussed At Length * Bending Stresses In Beam And Torsion Have Been Covered In Detail * Large Number Of Solved And Unsolved Problems With Answers Are Given At The End Of Each Chapter * Si Units Are Used Throughout The Book

Basics of Mechanical Engineering Precise Nirali Prakashan
Basic Mechanical Engineering covers a wide range of topics and engineering concepts that are required to be learnt as in any undergraduate engineering course. Divided into three parts, this book lays emphasis on explaining the logic and physics of critical problems to develop analytical skills in students.

Mechanical Engineering Discovery Publishing House
\$\$\$ Get the Kindle version free along with the paperback version\$\$\$
This book cover the syllabus for the Engineering part of the Basic Civil and Mechanical Engineering course. It will helpful for the Engineering student to gain the basic knowledge in all aspects. This book is presented in a simple and comprehensive manner. Diagrams are also included in the chapters to explain the concepts. This textbook has been designed to provide students with a strong foundation in both subjects. This book has been written in a simple and comprehensive manner to enable students to derive maximum understanding. Throughout the text an attempt has been made to present the subject matter in a simple and precious manner. Also, the question bank has been included at the end of the book.

Elements of Mechanical Engineering Independently Published
This textbook for the first year students of all branches of Rajiv Gandhi Proud yogiki Vishwavidyalaya (RGPV), Bhopal(M.P.), It has been strictly according to the new syllabus of RGPV. The subject matter has been explained clearly and precisely in the simplest way. Salient features are :250 Solved ExamplesA number of exercises at the end of every chapter Multi-Choice.

Basics of Mechanical Engineering (MDU, Haryana) New Age International
Basics of Mechanical Engineering systematically develops the concepts and principles essential for understanding engineering thermodynamics, mechanics and strength of materials. This book is meant for first year B. Tech students of various technical universities. It will also be helpful for candidates preparing for various competitive examinations.

Basic of Civil and Mechanical Engineering Firewall Media
This book is designed to suit the core engineering course on basic mechanical engineering offered to first year students of all engineering colleges. Objective type questions have been provided at the end of each chapter to help the students to quickly review the concepts.

Basic Mechanical Engineering Pearson Education India

Special Features: • Simple language, point-wise descriptions in easy steps. • Chapter organization in exact agreement with sequence of syllabus. • Simple line diagrams. • Concepts supported by ample number of solved examples and illustrations. • Pedagogy in tune with examination pattern of RGTU. • Large number of Practice problems. • Model Question Papers About The Book: This book is designed to suit the core engineering course on basic mechanical engineering offered to first year students of all engineering colleges in Madhya Pradesh. This book meets the syllabus requirements of Basic Mechanical Engineering and has been written for the first year students (all branches) of BE Degree course of RGPV Bhopal affiliated Engineering Institutes. A number of illustrations have been used to explain and clarify the subject matter. Numerous solved examples are presented to make understanding the content of the book easy. Objective type questions have been provided at the end of each chapter to help the students to quickly review the concepts.

Basic Mechanical Engineering New Age International
The present title Mechanical Engineering has been design for all engineering students of Indian Universities to meet out the basic requirement of the students in making their concepts clear. In order to provide the reader with practice interpreting truth tables and logic symbols, the method of perfect induction is used to prove most of the theorems. For the most part, real commercially available device characteristics are employed. In this way the reader may become familiar with the order of magnitude of device parameters, and the variability of these parameters within a given type. This book is written is a single and easy to follow language, so that even an average student an grasp subject by self study. Special effort has also been made to indicate the shortest analysis of a wide variety of problems. In the preparation of this book large number of books and research papers have b4een consulted. So no authenticity is claimed. The author wishes to express his deepest appreciation to the many people who have contributed in one way or the other to the preparation of this title. Contents: Fundamental Concept and Definition, Ideal Gas, Laws of Thermodynamics, First Law of Thermodynamics, The Second Law of Thermodynamics, Vapour Power Cycles, Thermodynamics Cycles, Simple Stress and Strain, Bending and Shearing Stress, Torsion.

Basic Of Mechanical Engineering (Rgvp) I. K. International Pvt Ltd
This book addresses various aspects of civil and mechanical engineering field. We have included numerous neatly drawn figures and problems with solutions for the better understanding of the subject. The book is organized in six modules as per the syllabus of the first/second semester B.Tech. course under APJ Abdul Kalam Technological University, Kerala.

Basic Mechanical Engineering (MGU) Kerala Independently Published
I provide Mechanical Engineering all basic definition and equations. Easy to understand. very important part of engineers.
Basic Mechanical Engineering Laxmi Publications
Mechanical engineering, as its name suggests, deals with the mechanics of operation of mechanical systems. This is the branch of engineering which includes design, manufacturing, analysis and maintenance of mechanical systems. It combines engineering physics and mathematics principles with material science to design, analyse, manufacture and maintain mechanical systems. This book covers the field requires an understanding of core areas including thermodynamics, material science, manufacturing, energy conversion systems, power transmission systems and mechanisms. My hope is that this book, through its careful explanations of concepts, practical examples and figures bridges the gap between knowledge and proper application of that knowledge.

Basics of Mechanical Engineering Laxmi Publications, Ltd.

Basic Mechanical Engineering Firewall Media

Basic Mechanical Engineering Technical Publications

Basic Mechanical Engineering (MGU, Kerala) Jyothis Publishers

Basic Mechanical Engineering Jyothis Publishers

Engineering Mechanics Vikas Publishing House