

# Download Free Integrated Course In Mechanical Engineering Rajput Pdf For Free

**Basic Mechanical Engineering Mechanical Engineering Basic Mechanical Engineering Elements of Mechanical Engineering Comprehensive Basic Mechanical Engineering Thermal Engineering A Textbook of Hydraulic Machines Engineering Materials A Textbook of Mechatronics A Textbook of Strength of Materials *A Textbook of Applied Mechanics* Basics of Mechanical Engineering (MDU, Haryana) A Textbook of Engineering Thermodynamics Comprehensive Book on Selected Questions and Answers in Mechanical Engineering *Engineering Materials and Metallurgy Engineering Thermodynamics* A Text Book of Automobile Engineering *A Textbook of Fluid Mechanics and Hydraulic Machines* A Textbook of Heat and Mass Transfer [Concise Edition] A Textbook of Heat and Mass Transfer Comprehensive Mechanical Engineering A Textbook of Manufacturing Technology *A Textbook of Fluid Mechanics LPSPE* Basic Mechanical Engineering Internal Combustion Engines *Comprehensive Mechanical Engineering* Comprehensive Elements of Mechanical Engineering Comprehensive Elements of Mechanical Engineering A Textbook of Fluid Mechanics STRENGTH OF MATERIALS Mechanical Measurements and Instrumentation (including Metrology and Control Systems) Essentials of Strength of Materials [Concise Edition] Applied Thermodynamics Basics of Mechanical Engineering *A Textbook of Engineering Thermodynamics* *Thermal Engineering* Mechanical Measurements & Instrumentation Basic Mechanical Engineering *Power System Engineering* Basic Electrical and Electronics Engineering**

**A Textbook of Fluid Mechanics'' provides a comprehensive coverage of the syllabus of Fluid Mechanics for different technical universities in India. Fluid mechanics has several categories, such as include Fluid kinematics, Fluid statics and Fluid dynamics. A total of 16 chapters followed by two special chapters of ';Universities' Questions (Latest) with Solutions' and ';GATE and UPSC Examinations' Questions with Answers/Solutions' after each unit also make it an excellent resource for aspirants of various entrance examinations. Heat and Mass Transfer is a comprehensive textbook for the students of Mechanical Engineering and a must-buy for the aspirants of different**

entrance examinations including GATE and UPSC. Divided into 5 parts, the book delves into the subject beginning from Basic Concepts and goes on to discuss Heat Transfer (by Convection and Radiation) and Mass Transfer. The book also becomes useful as a question bank for students as it offers university as well as entrance exam questions with solutions. Thermodynamics being one of the basic subjects in all engineering disciplines there are umpteen books on it. The main aim of this one is to make the subject effortless for the students and help them pass the examination with flying colours. For this reason, the text has been kept short and simple and the book provides a heavy dose of solved examples, MCQs, review questions and numerical problems to hone the problem-solving skills. It has been written in such a style that the students of all streams, be it mechanical, chemical, electrical or civil, will find it comprehensible. The book covers the syllabuses of degree classes of most Indian universities. It is designed to serve both levels—the basic as well as applied thermodynamics—to give a new dimension to the learning of thermodynamics. **Key Features** • More than 225 Solved Examples • More than 240 MCQs • More than 210 Review Questions • More than 210 Numerical Problems This treatise on fluid Mechanics, contains comprehensive treatment of the subject matter in simple, lucid and direct language and envelopes a large number of solved problems properly graded, including typical examples from examination point of view. The book comprise 16 chapters. All chapters of the book are saturated with much needed text supported by simple and self-explanatory figures and a large number of worked examples including Typical Examples (for competitive examinations). At the end of each chapter Highlights, objective Type Questions, Theoretical Questions and Unsolved Examples have been added to make the book a comprehensive and a complete unit in all respects. Divided in two parts, [?]A Textbook of Fluid Mechanics and Hydraulic Machines[?] is one of the most exhaustive texts on the subject for close to 20 years. For the students of Mechanical Engineering, it can easily be used as a reference text for other courses as well. Important topics ranging from Fluid Dynamics, Laminar Flow and Turbulent Flow to Hydraulic Turbines and Centrifugal pumps are well explained in this book. A total of 23 chapters (combined both units) followed by two special chapters of [?]Universities' Questions (Latest) with Solutions[?] and [?]GATE and UPSC Examinations' Questions with Answers/Solutions[?] after each unit also make it an excellent resource for aspirants of various entrance examinations. Written primarily for the students of Civil and Mechanical Engineering, [?]A

**Textbook of Hydraulic Machines** has been written in lucidly and captures the essence in an apt and non-repetitive manner. Aided by a number of solved problems, including typical examples from examination point of view, the book has been a benchmark in the subject for close to 20 years. This book which deals with the various topics in the subject of Strength of Materials exhaustively. It present the subject-matter in a lucid, direct and easily understandable style. A large number of worked out simple, moderate and difficult problems are arranged in a systematic manner to enable the students to grasp the subject effectively, from examination point of view. The book comprises of 18 chapters (including advance topics) covering the syllabi in the subject of "Strength of Materials" of all the Indian Universities and Competitive Examinations as well. It contains Experiments at the end of the chapters to enable the students to have an access to the practical aspects of the subject. **A Textbook of Heat and Mass Transfer** is a comprehensive textbook for the students of Mechanical Engineering and a must-buy for the aspirants of different entrance examinations including GATE and UPSC. Divided into 4 parts, the book delves into the subject beginning from Basic Concepts and goes on to discuss Heat Transfer (by Convection and Radiation) and Mass Transfer. The book also becomes useful as a question bank for students as it offers university as well as entrance exam questions with solutions. **A Textbook of Mechatronics** is a comprehensive textbook for the students of Mechanical Engineering and a mustbuy for the aspirants of different entrance examinations including GATE and UPSC. Divided into 10 chapters, the book delves into the subject beginning from Basic Concepts and goes on to discuss elements of CNC Machines and Robotics. The book also becomes useful as a question bank for students as it offers university questions with answers. **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. Mechanical Engineering The book has been thoroughly revised. Several new articles have been added, specifically, in chapters in mortar, Concrete, Paint: Varnishes, Distempers and Antitermite treatment to make the book to still more comprehensive and a useful unit for the students preparing for the examination in the subject. This treatise on Engineering Materials and Metallurgy contains comprehensive treatment of the matter in simple, lucid and direct language and envelopes a large number of figures which reinforce the text in the most efficient and effective way. The book comprise five chapters (excluding basic concepts) in all and fully and exhaustively covers the syllabus in the above mentioned subject of 4th. Semester Mechanical, Production, Automobile Engineering and 2nd semester Mechanical disciplines of Anna University. A comprehensive and lucidly written book, [?]Strength of Materials[?] captures the syllabus of most major Indian Universities and competitive examinations as well. The book discusses everything under solids and its mechanics (such as providing different aspects of stresses) and provides the reader with a deeper interest in the subject [?] all within aptly formed chapters. It also contains typical examples (useful for students appearing in competitive examinations in particular and other students in general), highlights, objective type questions and a large number of unsolved examples for a complete grasp of the subject.

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