
Engineering Materials By Rk Rajput

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A Textbook of Manufacturing Technology S. Chand Publishing

The entire book has been thoroughly revised and a large number of solved examples under heading Additional/ Typical Worked Examples (Questions selected from various Universities and Competitive Examinations) have been added at the end of the book.

A Course in Electrical Engineering Materials S. Chand Publishing

We take an opportunity to present 'Material Science' to the students of A.M.I.E.(I) Diploma stream in particular, and other engineering students in general. The object of this book is to present the subject matter in a most concise, compact, to the point and lucid manner. While preparing the book, we have constantly kept in mind the requirements of A.M.I.E.(I) students, regarding the latest trend of their examination. To make it really useful for the A.M.I.E.(I) students, the solutions of their complete examination has been written in an easy style, with full detail and illustrations.

(in S.I. Units) Firewall Media

Gives a clear and thorough presentation of the fundamental principles of mechanics and strength of materials. Provides both the theory and applications of mechanics of materials on an intermediate theoretical level. Useful as a reference tool by postgraduates and researchers in the fields of solid mechanics as well as practicing engineers.

Comprehensive Basic Mechanical Engineering S. Chand Publishing

This book presents select proceedings of the International Conference on Future Learning Aspects of Mechanical Engineering (FLAME 2020). This book, in particular, focuses on characterizing materials using novel techniques. It covers a variety of advanced materials, viz. composites, coatings, nanomaterials, materials for fuel cells, biomaterials among others. The book also discusses advanced characterization techniques like X-ray photoelectron, UV spectroscopy, scanning electron, atomic power, transmission electron and laser confocal scanning fluorescence microscopy, and gel electrophoresis chromatography. This book gives the readers an insight into advanced material processes and characterizations with special emphasis on nanotechnology.

Essentials of Strength of Materials [Concise Edition]

Springer Science & Business Media

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 comprises 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 Computer Approach (SI Units Version) Firewall Media

The present book on Elements of Mechanical Engineering is meant for the engineering students of all branches at their first year level. It covers the new syllabus of panjab Technical University, Jalandhar. However, it shall be useful to students of other Universities also. The book covers the basic principles of Thermodynamics, zeroth law of Thermodynamics and the concept of temperature in the first chapter.

Basic Mechanical Engineering Firewall Media

"A Textbook of Mechatronics" 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 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.

Laxmi Publications

For B.E./B.Tech. students of Anna and Other Technical Universities of India

Heat and Mass Transfer : A Textbook for the Students Preparing for B.E., B.Tech., B.Sc. Engg., AMIE, UPSC (Engg. Services) and GATE Examinations Firewall Media

ELECTRICAL MATERIALS 2E is the essential resource for success in electrical program courses. Whether learning theory, wiring, fastening systems, or conductors, this textbook covers all of the materials students will encounter in each course. Each topic is clearly explained with numerous high-quality photographs illustrating each piece of material. And, because it's written in an outline format, it's an easy-to-use reference tool that comes in handy time and time again. Whether the job is industrial, commercial, or residential, ELECTRICAL MATERIALS 2E enables students to identify materials quickly and easily. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Materials Science Firewall Media

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.

Engineering Materials and Metallurgy S. Chand Publishing

A Textbook of workshop Technology (Manufacturing Processes) to the students of degree and diploma of all the Indian and foreign universities. The object of this book is to present the subject matter in a most concise, compact, to the point and lucid manner. While writing the book, we have constantly kept in mind the various requirements of the students. No effort has been spared to enrich the book with simple

language and self-explanatory diagrams. Every care has been taken not to make the book voluminous, as the students have also to face other subjects of equal importance.

A Textbook of Strength of Materials Firewall Media
Engineering Materials S. Chand Publishing

A Textbook of Strength of Materials S. Chand Publishing

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 comprises 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.

Mechanics and Strength of Materials Engineering Materials

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 still more comprehensive and a useful unit for the students preparing for the examination in the subject.

A Textbook of Electrical Engineering S. Chand Publishing

This book which deals with the various topics in the subject of Strength of Materials exhaustively. It presents 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 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.

STRENGTH OF MATERIALS Cengage Learning

Intended as a textbook for "applied" or engineering thermodynamics, or as a reference for practicing engineers, the book uses extensive in-text, solved examples and computer simulations to cover the basic properties of thermodynamics. Pure substances, the first and second laws, gases, psychrometrics, the vapor, gas and refrigeration cycles, heat transfer, compressible flow, chemical reactions, fuels, and more are presented in detail and enhanced with practical applications. This version presents the material using SI Units and has ample material on SI conversion, steam tables, and a Mollier diagram. A CD-ROM, included with the print version of the text, includes a fully functional version of QuickField (widely used in industry), as well as numerous demonstrations and simulations with MATLAB, and other third party software.

Engineering Materials S. Chand Publishing

Electrical Materials Laxmi Publications

A Text Book of Automobile Engineering Laxmi Publications, Ltd.

A Textbook of Fluid Mechanics Firewall Media