

Engineering Mechanics By Rs Khurmi

Applied Mechanics and Strength of Materials to the students of U.P.S.C.(Engg. Services)B.Sc. Engg. And Diploma in general, and A.M.I.E.(India)in particular. The Object of this book is to present the subject matter in a most concise, compact, to the point and lucid manner.

"A Textbook of Engineering Mechanics" has been written especially for the students of B.E./B.Tech. of Himachal Pradesh Technical University (Hamirpur). It represents a comprehensive study of important topics of Engineering Mechanics for undergraduate students of Engineering in a brief, clear and lucid manner

While writing the book, we have continuously kept in mind the examination requirements of the students preparing for U.P.S.C.(Engg. Services) and A.M.I.E.(I) examinations. In order to make this volume more useful for them, complete solutions of their examination papers up to 1975 have also been included. Every care has been taken to make this treatise as self-explanatory as possible. The subject matter has been amply illustrated by incorporating a good number of solved, unsolved and well graded examples of almost every variety.

Voltage Stability is a challenging problem in Power Systems Engineering. This book presents a description of voltage instability and collapse phenomena. It intends to propose a uniform and coherent theoretical framework for analysis. It describes practical methods that can be used for voltage security assessment and offers a variety of examples.

The present multicolor edition has been thoroughly revised and brought up-to-date. Multicolor pictures have been added to enhance the content value and to give the students an idea of what he will be dealing in reality, and to bridge the gap between theory and practice. This book has already been included in the 'suggested reading' for the A.M.I.E.(India) examinations.

The book systematically develops the concepts and principles essential for understanding the subject. The difficulties usually faced by new engineering students have been taken care of while preparing the book. A large number of numerical problems have been selected from university and competitive examination papers and question banks, properly graded, solved and arranged in various chapters. The present book has been divided in five parts: * Two-Dimensional Force System * Beams and Trusses * Moment of Inertia * Dynamics of Rigid Body * Stress and Strain Analysis. The highlights of the book are: * Comparison tables and illustrative drawings * Exhaustive question bank on theory problems at the end of every chapter * A large number of solved numerical examples * SI units used throughout

Principles of Engineering Mechanics is written keeping in mind the requirements of the Students of Degree, Diploma and A.M.I.E. (I) classes. The objective of this book is to present the subject matter in a most concise, compact, to-the-point and lucid manner. All along the approach to the subject matter, every care has been taken to arrange matter from simpler to harder, known to unknown with full details and illustrations. A large number of worked examples, mostly examination questions of Indian as well as foreign universities and professional examining bodies, have been given and graded in a systematic manner and logical sequence, to assist the students to understand the text of the subject. At the end of each chapter, a few exercises have been added, for the students, to solve them independently. Answers to these problems have been provided.

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. The Favourable and warm reception, which the previous editions and reprints of this booklet have enjoyed at home and abroad, has been a matter of great satisfaction to me.

"Strength of Materials: Mechanics of Solids in SI Units" is an all-inclusive text for students as it takes a detailed look at all concepts of the subject. Distributed evenly in 35 chapters, important focusses are laid on stresses, strains, inertia, force, beams, joints and shells amongst others. Each chapter contains numerous solved examples supported by exercises and chapter-end questions which aid to the understanding of the concepts explained. A book which has seen, foreseen and incorporated changes in the subject for close to 50 years, it continues to be one of the most sought after texts by the students for all aspects of the subject.

"A Textbook of Engineering Mechanics" is a must-buy for all students of engineering as it is a lucidly written textbook on the subject with crisp conceptual explanations aided with simple to understand examples. Important concepts such as Moments and their applications, Inertia, Motion (Laws, Harmony and Connected Bodies), Kinetics of Motion of Rotation as well as Work, Power and Energy are explained with ease for the learner to really grasp the subject in its entirety. A book which has seen, foreseen and incorporated changes in the subject for 50 years, it continues to be one of the most sought after texts by the students.

The Multicolor Edition Has Been thoroughly revised and brought up-to-date. Multicolor pictures have been added to enhance the content value and to give the students an idea of what he will be dealing in reality, and to bridge the gap between theory and Practice.

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.

The favourable and warm reception, which the previous editions and reprints of this popular book has enjoyed all over India and abroad has been a matter of great satisfaction for me.

This book, written by specialists in the area of solid mechanics, presents the fundamentals of deformable solids in a logical and cogent manner. Illustrative cases and worked examples are added to familiarize the student with problems encountered in engineering practice.

A Textbook of Engineering Mechanics S. Chand Publishing

I feel elevated in presenting the New edition of this standard treatise. The favourable reception, which the previous edition and reprints of this book have enjoyed, is a matter of great satisfaction for me. I wish to express my sincere thanks to numerous professors and students for their valuable suggestions and recommending the patronise this standard treatise in the future also. The present edition of this book has been thoroughly revised and a lot of useful material has been added to improve its quality and use. It also contains lot of pictures and colored diagrams for better and quick understanding as well as grasping the subject matter.

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