

R K Jain Mechanical Engineering

This edition has been thoroughly revised and enlarged. It is still considered to be a must for all those sitting Civil Engineering examinations.

The book has been designed topic and subtopic-wise, keeping the students' needs in mind. The current edition has certain unique features: Each chapter starts with a To Do list. It gives the central idea of the chapter and the way it has been addressed. Each chapter is divided into several sections corresponding to different components of the syllabus. Each chapter is splashed with HOTS. This is to promote clarity of the basics. Focus Zones in each chapter present a crux of the concepts. Blocks in each chapter include matter of special significance. Power Points and Revision Window offer a quick glance of the subject matter. 'Exercise' is tuned to the pattern of examination. Answers to important questions focus on the technique of writing. The exercise includes: objective type questions (remembering & understanding based questions), divided into five sections: (a) multiple choice questions, (b) fill in the blanks, (c) true or false, (d) matching the correct statements, (e) 'very short answer' objective type questions reason-based questions HOTS & applications analysis & evaluation CBSE questions (with answers or reference to the text for answers) NCERT questions (with hints to answers) miscellaneous and add-on questions (with hints or reference to the text for answers) Dos and Don'ts (at the end of each chapter) should serve as a safeguard against misinterpretation of the concepts. Ability Zone is a uniquely designed section at the end of the chapter. This raises the difficulty level, of course, but should serve as a useful material for the outstanding learners. Solved & Unsolved numericals are given to boost a grip on the subject.

(in S.I. Units)

Mechanical Engineering (objective Type).

Statistics for Economics - Class 11 - CBSE (2021-22)

Handbook Series of Mechanical Engineering

Joyful Living

Scope of science and technology is expanding at an exponential rate and so is the need of skilled professionals i.e., Engineers. To stand out of the crowd amidst rising competition, many of the engineering graduates aim to crack GATE, IES and PSUs and pursue various post graduate Programmes. Handbook series as its name suggests is a set of Best-selling Multi-Purpose Quick Revision resource books, those are devised with anytime, anywhere approach. It's a compact, portable revision aid like none other. It contains almost all useful Formulae, equations, Terms, definitions and many more important aspects of these subjects. Mechanical Engineering Handbook has been designed for aspirants of GATE, IES, PSUs and Other Competitive Exams. Each topic is summarized in the form of key points and notes for everyday work, problem solving or exam revision, in a unique format that displays concepts clearly. The book also displays formulae and circuit diagrams clearly, places them in context and crisply identities and describes all the variables involved. Mechanics, Strength of Materials, Theory of Machine, Machine design, Fluid Mechanics, Heat and Mass Transfer, Thermodynamics, Power Plant Engineering, Refrigeration and Air Conditioning, Internal Combustion engine, Material Science and Production Engineering, Industrial Engineering, Element of Computation.

A concise book for candidates appearing for Mechanical Engineering Exams.

Objective Mechanical Engineering

Civil Engineering

Principles of Turbomachinery

Civil Engineering (Conventional & Objective Type)

Thermal Engineering

Machine Design is a text on the design of machine elements for the engineering undergraduates of mechanical/production/industrial disciplines. The book provides a comprehensive survey of machine elements and their analytical design methods. Besides explaining the fundamentals of the tools and techniques necessary to facilitate design calculations, the text includes extensive data on various aspects of machine elements, manufacturing considerations and materials. The extensive pedagogical features make the text student friendly and provide pointers for fast recapitulation.

"This comprehensive text on the basics of heat and mass transfer provides a well-balanced treatment of theory and mathematical and empirical methods used for solving a variety of engineering problems. The book helps students develop an intuitive and practical understanding of the processes by emphasizing the underlying physical phenomena involved. Focusing on the requirement to clearly explain the essential fundamentals and impart the art of problem-solving, the text is written to meet the needs of undergraduate students in mechanical engineering, production engineering, industrial engineering, auto-mobile engineering, aeronautical engineering, chemical engineering, and biotechnology.

Mechanical Engineering Handbook

Introductory Microeconomics - Class 11 - CBSE (2021-22)

Engineering Metrology and Measurements

Management of Research and Development Organizations

Taxation Theory & Practice (Assessment Year -2021-22)

"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.

This text outlines the fluid and thermodynamic principles that apply to all classes of turbomachines, and the material has been presented in a unified way. The approach has been used with successive groups of final year mechanical engineering students, who have helped with the development of the ideas outlined. As with these students, the reader is assumed to have a basic understanding of fluid mechanics and thermodynamics. However, the early chapters combine the relevant material with some new concepts, and provide basic reading references. Two related objectives have defined the scope of the treatment. The first is to provide a general treatment of the common forms of turbo machine, covering basic fluid dynamics and thermodynamics of flow through passages and over surfaces, with a brief derivation of the fundamental governing equations. The second objective is to apply this material to the various machines in enough detail to allow the major design and performance factors to be appreciated. Both objectives have been met by grouping the machines by flow path rather than by application, thus allowing an appreciation of points of similarity or difference in approach. No attempt has been made to cover detailed points of design or stressing, though the cited references and the body of information from which they have been taken give this sort of information. The first four chapters introduce the fundamental relations, and the succeeding chapters deal with applications to the various flow paths.

Electrical Safety, Fire Safety Engineering & Safety Management
Numerical Methods For Scientific And Engineering Computation
Mechanical Engineering

Handbook of Mechanical Engineering

Advanced Engineering Mathematics

This work is based on the experience and notes of the authors while teaching mathematics courses to engineering students at the Indian Institute of Technology, New Delhi. It covers syllabi of two core courses in mathematics for engineering students.

Now in its second English edition, Mechanics of Materials is the second volume of a three-volume textbook series on Engineering Mechanics. It was written with the intention of presenting to engineering students the basic concepts and principles of mechanics in as simple a form as the subject allows. A second objective of this book is to guide the students in their efforts to solve problems in mechanics in a systematic manner. The simple approach to the theory of mechanics allows for the different educational backgrounds of the students. Another aim of this book is to provide engineering students as well as practising engineers with a basis to help them bridge the gaps between undergraduate studies, advanced courses on mechanics and practical engineering problems. The book contains numerous examples and their solutions. Emphasis is placed upon student participation in solving the problems. The new edition is fully revised and supplemented by additional examples. The contents of the book correspond to the topics normally covered in courses on basic engineering mechanics at universities and colleges. Volume 1 deals with Statics and Volume 3 treats Particle Dynamics and Rigid Body Dynamics. Separate books with exercises and well elaborated solutions are available.

Numerical Methods (As Per Anna University)

Mechanics of Materials

Basic Mechanical Engineering

Production Technology

Advanced Machining Processes

Engineering Metrology and Measurements is a textbook designed for students of mechanical, production and allied disciplines to facilitate learning of various shop-floor measurement techniques and also understand the basics of mechanical measurements.

There is a natural longing in human beings for happiness. It is therefore important to understand what happiness is. Happiness is more likely to be ours if we know the reasons for unhappiness and avoid them. In today's materialistic world everybody feels the pinch of stress is beneficial, it needs to be managed for optimum results and happy living. This book also provides several tips for successful living. It is hoped that these will greatly help the readers in changing their daily lifestyle to lead a happy and peaceful life.

A Text Book of Automobile Engineering

Elements of Mechanical Engineering

Objective Type Questions and Answers

Mechanical Engineering (O.T.)

Useful book for GATE / IES / UPSC / PSUs and other competitive examinations. Latest objective type questions with answers. About 5000 objective type questions

About the Book: This comprehensive textbook covers material for one semester course on Numerical Methods (MA 1251) for B.E./ B. Tech. students of Anna University. The emphasis in the book is on the presentation of fundamentals and theoretical concepts in an intelligible and easy to understand manner.

The book is written as a textbook rather than as a problem/guide book. The textbook offers a logical presentation of both the theory and techniques for

problem solving to motivate the students in the study and application of Numerical Methods. Examples and Problems in Exercises are used to explain.

A Textbook of Strength of Materials

Mechanical Engineering(Objective Type)

Conventional & Objective Type Questions & Answers on Mechanical Engineering

A Textbook of Heat and Mass Transfer [Concise Edition]

Objective Type Questions in Mechanical Engineering

1.Income Tax : An Introduction, 2. Important Definitions, 3. Assessment on Agricultural Income, 4. Exempted Incomes, 5. Residence and Tax Liability, 6. Income from Salaries, 7. Income from Salaries (Retirement and Retrenchment), 8. Income from House Property, 9. Depreciation, 10. Profits and Gains of Business or Profession, 11. Capital Gains, 12. Income from Other Sources, 13. Income Tax Authorities, 14. Clubbing of Income and Aggregation of Income, 15. Set-off and Carry Forward of Losses, 16. Deductions from Gross Total Income, 17. Assessment of Individuals (Computation of Total Income), 18. Computation of Tax Liability of Individuals, 19. Deduction of Tax at Source, 20. Procedure of Assessment. Rebate and Relief in Tax Provisions and Filing the Return of Income and e-Filing of Income Tax and TDS Returns GST- Concept, Registration and taxation Mechanism.

This is a comprehensive book for quick reference and review of mechanical engineering topics in an objective type question/answer format. Contains over 6,000 questions with answers. Topics include thermodynamics, nuclear power, engineering materials, machine design, measurements and instruments, refrigeration, hydraulics, heat transfer, strength of materials, and

Engineering Mechanics 2

Abc Of Electrical Engineering

Dictionary of Mechanical Engineering

Machine Design

Managing the Unmanageable

The book is meant for for B.E./B.Tech./B.Sc. (Engg.) students of Indian universities. Theoretical portions have been explained in simple language, together with large number of illustrations and diagrams. Contains many tutorial problems drawn from various universities. Also included is a special feature test your understanding and know the type of theoretical questions asked in the examinations.

Objective Mechanical Engineering Mechanical Engineering (objective Type). Production Technology The Art of Happy Living Joyful Living Sterling Publishers Pvt. Ltd

FUNDAMENTALS OF HEAT AND MASS TRANSFER

Through Objective Type Questions

Objective Mechanical Engineering for Diploma Engineers 2016

Objective Type

The Art of Happy Living

This edition has been completely revised. The authors, noted authorities in the field, focus on ways to improve R&D organization productivity and foster excellence in such companies. They describe how to design jobs, organize hierarchies, resolve conflicts, motivate employees, and create an innovative work environment. Features extensive cross-cultural coverage of European and Pacific Rim R&D organizations and policies which greatly differ from the US. Includes an entirely new section on various strategic planning elements unique to an R&D organization along with a case study.