

Laxmi Publications Thermal Engineering Rajput Popeyeore

The entire book has been throughly revised by adding adequate text and a large number of typical examples selected from various universities and competitive examinations question papers. Besides this, Laboratory Experiments have also been added at the end of the book to make it still more a comprehensive and complete unit in all respects.

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.

SI UNITS, Tenth Edition

Thermal Engineering

Comprehensive Workshop Practice (Swami Vivekanand Technical University, Chhattisgarh)

Electrical Engineering

Thermal Engineering in Power Systems

The book has been throughly 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.

Research and development in thermal engineering for power systems are of significant importance to many scientists who are engaged in research and design work in power-related industries and laboratories. This book focuses on variety of research areas including Components of Compressor and Turbines that are used for both electric power systems and aero engines, Fuel Cells, Energy Conversion, and Energy Reuse and Recycling Systems. To be competitive in today's market, power systems need to reduce the operating costs, increase capacity factors and deal with many other tough issues. Heat Transfer and fluid flow issues are of great significance and it is likely that a state-of-the-art edited book with reference to power systems will make a contribution for design and R&D engineers and the development towards sustainable energy systems.

A Textbook of Manufacturing Technology

Engineering Materials and Metallurgy

Mechanical Engineering

Engineering Materials

A Course in Electrical Engineering Materials

The entire book has been throughly 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.

First Edition 2012; Reprints 2013, Second Revised Edition 2014 I. The Textbook entitled "Non-Conventional Energy Sources and Utilisation" has been written especially for the courses of B.E./B. Tech. for all Technical Universities of India. II. It deals exhaustively and symmetrically various topics on "Non-Conventional Renewable and Conventional Energy and Systems." III. Salient Features of the book: □ Subject matter has been prepared in lucid, direct and easily understandable style. □ Simple diagrams and worked out examples have been given wherever necessary. □ At the end of each chapter, Highlights, Theoretical Questions, Unsolved examples have been added to make this treatise a complete comprehensive book on the subject. In this edition, the book has been throughly revised and a new Section on "SHORT ANSWER QUESTIONS" has been added to make the book still more useful to the students.

A Textbook of Fluid Mechanics

Thermal Engineering, #b Thermodynamics, Heat Engines and Non Conventional Power Gen

Basic Mechanical Engineering

Engineering Thermodynamics

Elements of Mechanical Engineering

Thermal Engineering Laxmi Publications Thermal Engineering Firewall Media A Text Book of Automobile Engineering Firewall Media Applied Thermodynamics Laxmi Publications, Ltd. Electrical Engineering Firewall Media Thermal Engineering, #b Thermodynamics, Heat

Engines and Non Conventional Power Gen A Textbook of Manufacturing Technology Manufacturing Processes Firewall Media A Text Book of Power Plant Engineering Firewall Media Thermal Engineering SI UNITS, Tenth Edition

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.

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

Engineering Metrology & Instrumentation

Developments in Sustainable Chemical and Bioprocess Technology

A Text Book of Power Plant Engineering

A Computer Approach (SI Units Version)

This Text-Cum-Reference Book Has Been Written To Meet The Manifold Requirement And Achievement Of The Students And Researchers. The Objective Of This Book Is To Discuss, Analyses And Design The Various Power Plant Systems Serving The Society At Present And Will Serve In Coming Decades India In Particular And The World In General. The Issues Related To Energy With Stress And Environment Up To Some Extent And Finally Find Ways To Implement The Outcome. Salient Features# Utilization Of Non-Conventional Energy Resources# Includes Green House Effect# Gives Latest Information S In Power Plant Engineering# Include Large Number Of Problems Of Both Indian And Foreign Universities# Rich Contents, Lucid Manner

Environmental sustainability and development is of critical importance. Technological advances in the production of new energy sources are making their way into our lives in more and more depth every day. However, there is an urgent need to address the technological challenges and advancement of the various chemical and bio-processes to maintain the dynamic sustainability of our energy needs. Toward that end, an attempt is being made to look at recent advances, key issues still faced and where possible, offer suggestions on alternative technologies to optimize sustainable processes. Still considered a new area of science, energy sources themselves are still being 'discovered'...meaning, what is financially viable in the current marketplace is changing. For example, energy from plants has not been financially viable in the past because of the high cost of growing, harvesting, breaking down cell walls, disposal of waste products, etc. Materials used to derive energy from sustainable resources is changing, making previously high-cost processes more efficient. It is crucial that the industry as a whole works in tandem to develop crops that new technological advances make financially feasible. This book will cover recent advances in the chemicals, bioprocesses and other materials used in growing and extracting energy from sustainable products. Membrane/cell wall digestion issues will also be covered as well as recovering mamixal amounts of energy from sources to limit waste. Finally a section on safety and control will be presented with has been poorly covered in other publications. ?

Power Plant Engineering

A Text Book of Automobile Engineering

A Textbook of Applied Mechanics

A Textbook of Fluid Mechanics and Hydraulic Machines

(mechanics of Solids).

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.

Systematic, lucid, direct, and easy-to-understand, this book is saturated with much needed text supported by self-explanatory diagrams, and solved examples that completely cover the subject matter of thermal engineering. --

Non-Conventional Energy Sources and Utilisation

Electrical Engineering Materials

Textbook of Thermal Engineering

Manufacturing Processes

STRENGTH OF MATERIALS

This comprehensive volume provides a complete, authoritative, up-to-date reference for all aspects of power plant engineering. Coverage ranges from engineering economics to coal and limestone handling, from design processes to plant thermal heat balances. Both theory and practical applications are covered, giving engineers the information needed to plan, design, construct, upgrade, and operate power plants. Power Plant Engineering is the culmination of experience of hundreds of engineers from Black & Veatch, a leading firm in the field for more than 80 years. The authors review all major power generating technologies, giving particular emphasis to current approaches. Special features of the book include: * More than 1000 figures and lines drawings that illustrate all aspects of the subject. * Coverage of related components and systems in power plants such as turbine-generators, feedwater heaters, condenser, and cooling towers. * Definitions and analyses of the features of various plant systems. * Discussions of promising future technologies. Power Plant Engineering will be the standard reference in the professional engineer's library as the source of information on steam power plant generation. In addition, the clear presentation of the material will make this book suitable for use by students preparing to enter the field.

Power System Engineering

Basic Electrical and Electronics Engineering

For Students of B.E./B. Tech, Also Useful for Competitive Examinations

Fluid Mechanics & Hydraulic Machines

A Text Book of Electrical Machines