

WILEY



2023

# **Aeronautics / Aerospace, Civil, Industrial, Chemical & Mechanical Engineering**

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## AERONAUTICS / AEROSPACE ENGINEERING



### Fundamentals of Thermodynamics, 10ed, An Indian Adaptation | IM | e | k

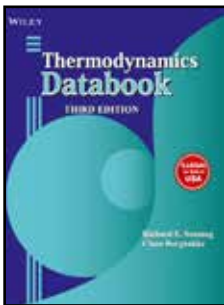
**Borgnakke , Bhattacharyya, Soni**

#### Description

• Introduction and Preliminaries • Properties of a Pure Substance • Energy Equation and First Law of Thermodynamics • Energy Analysis for a Control Volume • The Second Law of Thermodynamics • Entropy • Entropy Analysis for a Control Volume •

Exergy • Gas Power and Refrigeration Systems • Vapor Power and Refrigeration Systems • Gas Mixtures • Thermodynamic Relations • Chemical Reactions • Introduction to Phase and Chemical Equilibrium • Compressible Flow • Appendix A SI Units: Single-State Properties • Appendix B SI Units: Thermodynamic Tables • Appendix C Ideal Gas Specific Heat • Appendix D Equations of State • Appendix E Figures • Appendix F Multiple-Choice Questions • Index

9789354642210 | ₹ 1019



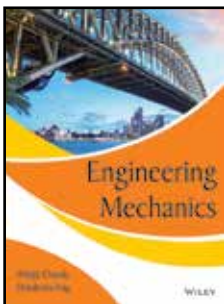
### Thermodynamics Databook, 3ed

**Borgnakke**

#### Description

• A Single-State Properties • B Thermodynamic Tables • C Ideal-Gas Specific Heat • D Equations Of State • E Figures • F Additional Thermodynamic Tables

9788126589203 | ₹ 299



### Engineering Mechanics | e | k

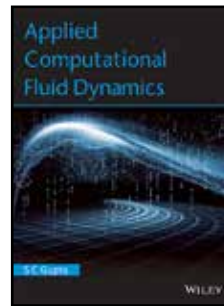
**Chanda**

#### Description

• Statics • Dynamics

9788126570935 | ₹ 639

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



### Applied Computational Fluid Dynamics | e | k

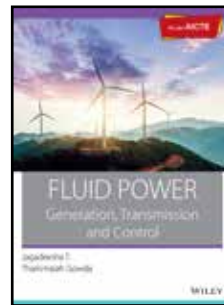
**Gupta**

#### Description

• Mathematical Behavior of Partial Differential Equations and Its Impact on Computational Fluid Dynamics • Solution Methods of Finite-Difference Equations • Grid Generation • Adaptive Grid Methods and Appropriate Transformation • Finite Volume

Methods • Computational Fluid Dynamics: Some Applications

9788126577538 | ₹ 679



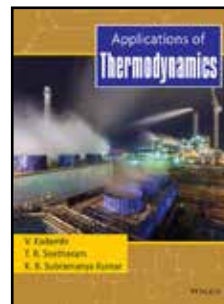
### Fluid Power: Generation, Transmission and Control: As per AICTE | e

**Jagadeesha T.**

#### Description

Fluid Power – Generation, Transmission and Control provides an integrated treatment of hydraulic systems for courses in undergraduate and postgraduate level. The stress is on interdisciplinary nature of subject

9788126509478 | ₹ 829



### Applications of Thermodynamics | IM | e | k

**Kadambi**

#### Description

• Review of Basic Thermodynamics • Reciprocating Gas Compressors • Vapor Power Cycle • Gas Power Cycles • Refrigeration Cycles • Air-Conditioning • Internal Combustion Engines • Thermodynamics of Compressible Flow • Thermodynamics of Reacting

Mixtures • Availability Analysis of Thermodynamic Systems

9788126571246 | ₹ 659

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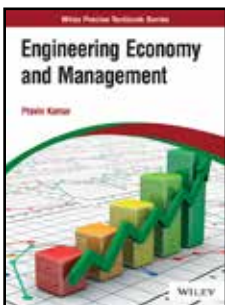
## Quality Control | e | k

**Kulkarni**

### Description

Quality Control is designed with an integrated approach for the interdisciplinary courses on Quality Control and Total Quality Management.

9788126519071 | ₹ 759



## Engineering Economy and Management | e | k

**Kumar**

### Description

Engineering Economy and Management highlights the importance of economics and management in engineering and helps engineers in managerial decision making.

9788126579921 | ₹ 759



## Engineering Mechanics Statics and Dynamics, 9ed, An Indian Adaptation | IM | e

**Meriam**

### Description

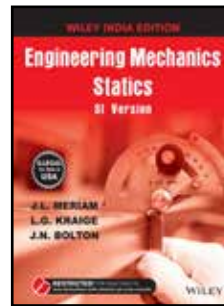
This text continues to help students develop their problem-solving skills with an extensive variety of engaging problems related to engineering design. It effectively demonstrates both the cohesiveness of the relatively few fundamental ideas and the great variety

of problems which these few ideas will solve.

9789354248566 | ₹ 1199

2

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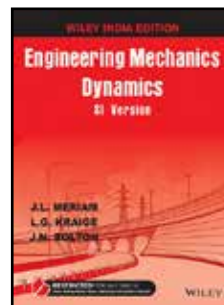
## Engineering Mechanics: Statics, SI Version | IM | e

**Meriam**

### Description

This exciting book contains interesting, realistic illustrations to enhance reader comprehension. Also include a large number of worked examples that provide a good balance between initial, confidence building problems and more advanced level problems. Fundamental principles for solving problems are emphasized throughout.

9788126564033 | ₹ 939



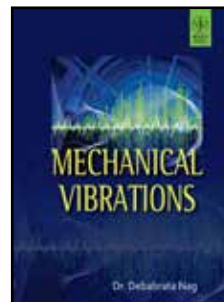
## Engineering Mechanics: Dynamics, SI Version | e

**Meriam**

### Description

Known for its accuracy, clarity, and dependability, Meriam, Kraige, and Bolton's Engineering Mechanics: Dynamics, 8th Edition SI Version has provided a solid foundation of mechanics principles to students for more than 60 years.

9788126565375 | ₹ 939



## Mechanical Vibrations | IM | e | k

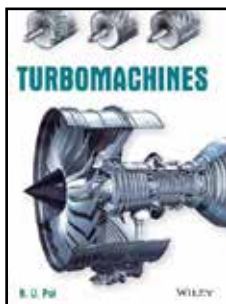
**Nag**

### Description

Mechanical Vibrations is designed as a textbook for the undergraduate students of mechanical, electrical, aeronautical, automobile and civil engineering at major universities.

9788126530908 | ₹ 799

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



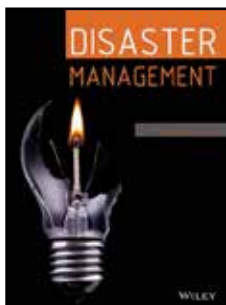
### Turbomachines | IM | e | k

**Pai**

**Description**

This book covers the basic principles of turbo machinery and provides a firm foundation for the understanding of the basic concepts with absolute clarity.

9788126539550 | ₹ 729



### Disaster Management | e | k

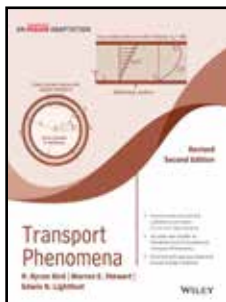
**Pandey**

**Description**

This book on Disaster Management is an attempt to systematically arrange the learnings and experiences to manage disasters. It contains specific strategies have been laid down effectively to manage disasters.

9788126549245 | ₹ 849

## CHEMICAL ENGINEERING



### Transport Phenomena, Revised 2ed, An Indian Adaptation | IM | BS | e | k

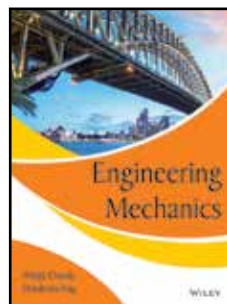
**Bird**

**Description**

• Momentum Transport • Energy Transport • Mass Transport • Computational Transport Phenomena

9789354244452 | ₹ 919

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



### Engineering Mechanics | e | k

**Chanda**

**Description**

• Statics • Dynamics

9788126570935 | ₹ 639



### Fox and McDonald's Introduction to Fluid Mechanics, 10ed, An Indian Adaptation | IM | BS | e

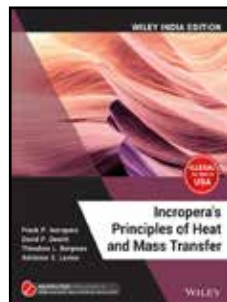
**Fox**

**Description**

• Fundamental Concepts • Fluid Statics • Basic Equations in Integral Form for a Control Volume • Introduction to Differential Analysis of Fluid Motion • Incompressible Inviscid Flow • Dimensional Analysis and Similitude • Internal Incompressible Viscous Flow •

External Incompressible Viscous Flow • Fluid Machinery • Flow in Open Channels • Introduction to Compressible Flow

9789354641077 | ₹ 1059



### Incropera's Principles of Heat and Mass Transfer, Wiley India Edition | IM | BS | e

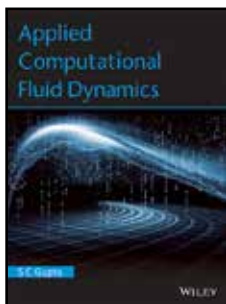
**Incropera**

**Description**

• Introduction to Conduction • One-Dimensional, Steady-State Conduction • Two-Dimensional, Steady-State Conduction • Transient Conduction • Introduction to Convection • External Flow • Internal Flow • Free Convection • Boiling and Condensation • Heat Exchangers • Radiation: Processes and Properties • Radiation Exchange Between Surfaces • Diffusion Mass Transfer

9788126578245 | ₹ 1069

Prices are subject to change without prior notice.



### Applied Computational Fluid Dynamics | e | k

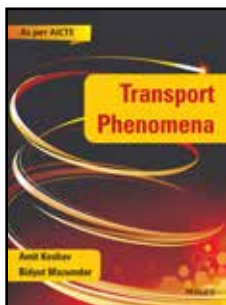
**Gupta**

**Description**

• Mathematical Behavior of Partial Differential Equations and Its Impact on Computational Fluid Dynamics • Solution Methods of Finite-Difference Equations • Grid Generation • Adaptive Grid Methods and Appropriate Transformation • Finite Volume

Methods • Computational Fluid Dynamics: Some Applications

9788126577538 | ₹ 679



### Transport Phenomena : As per AICTE | IM | e | k

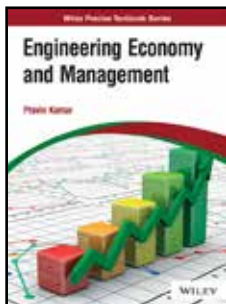
**Keshav**

**Description**

• Introduction to Transport Phenomena • Approach of Transport Phenomena for Solution of Flow Equations: Shell Balance Approach • Approach of Transport Phenomena for Solution of Flow Equations: Equations of Change • Fluid Flow: Introduction and Basics • Solution

to Laminar External Flows • Solution of Internal Flows: Pipes and Annulus • Solution of Fluid Flow Problems: Radial Flows and Moving Bodies • Transport Phenomena for Heat Transfer Problems • Transport Equation in Mass Transfer

9789388991001 | ₹ 519



### Engineering Economy and Management | e | k

**Kumar**

**Description**

Engineering Economy and Management highlights the importance of economics and management in engineering and helps engineers in managerial decision making.

9788126579921 | ₹ 759



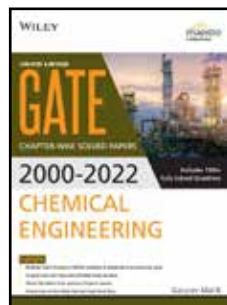
### Chemical Reaction Engineering, 3ed, An Indian Adaptation | IM | BS | e

**Levenspiel**

**Description**

• Homogeneous Reactions in Ideal Reactors • Flow Pattern, Contacting, and Non-Ideal Flow • Reactions Catalyzed by Solids • Non-Catalytic Systems • Biochemical Reaction Systems • Novel Reactors

9789354244605 | ₹ 999



### Wiley's GATE Chemical Engineering Chapter-Wise Solved Papers (2000-2022) | New

**Malik**

**Description**

• Engineering Mathematics • Thermodynamics • Mass Transfer • Fluid Mechanics • Chemical Reaction Engineering • Heat Transfer • Process Dynamic and Control • Mechanical Operations • Plant Design and Economics • Process Calculation • Chemical Technology

9789354640407 | ₹ 699



### Engineering Mechanics Statics and Dynamics, 9ed, An Indian Adaptation | IM | e

**Meriam**

**Description**

This text continues to help students develop their problem-solving skills with an extensive variety of engaging problems related to engineering design. It effectively demonstrates both the cohesiveness of the relatively few fundamental ideas and the great variety

of problems which these few ideas will solve.

9789354248566 | ₹ 1199





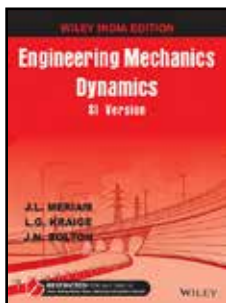
### Engineering Mechanics: Statics, SI Version | IM | e

**Meriam**

**Description**

This exciting book contains interesting, realistic illustrations to enhance reader comprehension. Also include a large number of worked examples that provide a good balance between initial, confidence building problems and more advanced level problems. Fundamental principles for solving problems are emphasized throughout.

9788126564033 | ₹ 939



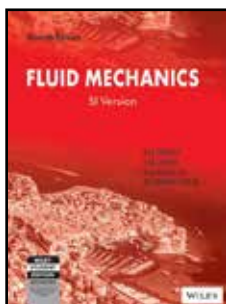
### Engineering Mechanics: Dynamics, SI Version | e

**Meriam**

**Description**

Known for its accuracy, clarity, and dependability, Meriam, Kraige, and Bolton's Engineering Mechanics: Dynamics, 8th Edition SI Version has provided a solid foundation of mechanics principles to students for more than 60 years.

9788126565375 | ₹ 939



### Fluid Mechanics , SI Version, 7ed | IM | e

**Munson**

**Description**

Fundamentals of Fluid Mechanics offer comprehensive topical coverage, with varied examples and problems, application of visual component of fluid mechanics and strong focus on effective learning.

9788126553433 | ₹ 1129



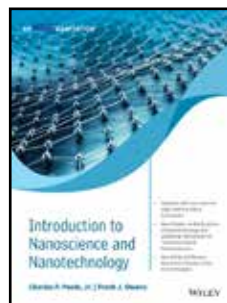
### Disaster Management, 2e | e | k

**Pandey**

**Description**

In this book, specific strategies have been laid down to effectively manage disasters. The book is divided into three parts, namely, Part One: Disaster Management: A Prologue; Part Two: Disaster Management Cycle: Practical Applications; Part Three: Contemporary Issues and Challenges in Disaster Management. The major phases of disaster management are dealt with by giving real-life examples. Two cases per chapter, one at the start and the second at the end, provide ample content for critical thinking. The opening cases in the chapters are written with the aim to critically analyzing the current situation. The end-of-chapter cases further enable the readers to develop insights into the subject and make learning more practical and relevant.

9789357461610 | ₹ 809



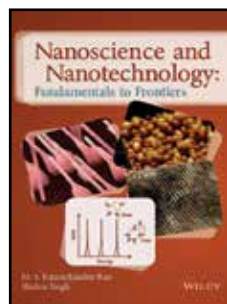
### Introduction to Nanoscience and Nanotechnology, An Indian Adaptation | e | k

**Poole**

**Description**

• Introduction to Solid State Physics • Methods of Measuring Properties • Properties and Synthesis of Nanoparticles • Carbon-Based Nanostructures • Nanostructured Materials • Nanostructured Ferromagnetism • Optical and Vibrational Spectroscopy • Quantum Wells, Wires, and Dots • Self-Assembly and Catalysis • Organic Compounds and Polymers • Biological Materials • Nanomachines and Nanodevices • Applications of Nanotechnology

9789354240201 | ₹ 889



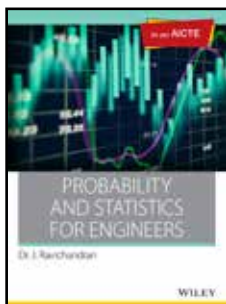
### Nanoscience and Nanotechnology: Fundamentals of Frontiers | e | k

**Rao**

**Description**

Nanoscience and nanotechnology are evolving at a rapid pace and there have been a number of scientific and technological advancements in these fields in recent times.

9788126542017 | ₹ 759



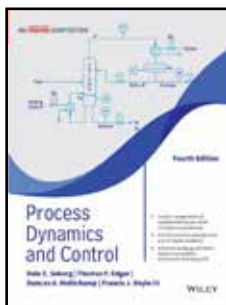
### Probability and Statistics for Engineers: As per AICTE | IM | e

**Ravichandran**

**Description**

Probability and Statistics for Engineers is written for undergraduate students of engineering and physical sciences.

9788126512348 | ₹ 809



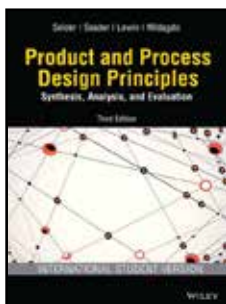
### Process Dynamics and Control, 4ed An Indian Adaptation | IM | e

**Seborg**

**Description**

• Introduction to Process Control • Dynamic Behavior of Processes • Classical Feedforward Control • Advanced Process Control

9789354248429 | ₹ 969



### Product and Process Design Principles: Synthesis, Analysis and Evaluation, 3ed, ISV | IM

**Seider**

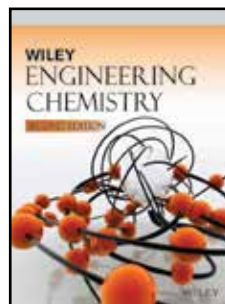
**Description**

• Part 1 Basic Chemicals Product Design • Part 2 Industrial Chemicals Product Design • Part 3 Configured Consumer Product Design • Part 4 Detailed Design, Equipment Sizing, Optimization and Product-Quality Analysis • Part 5 Design Report

9788126557486 | ₹ 1219

6

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### Engineering Chemistry, 2ed | IM | e | k

**Wiley Editorial Team**

**Description**

This book is an enriched and updated second edition of our well-received and successful title, Engineering Chemistry. In this edition, an attempt has been made to include topics on emerging research areas, such as nanotechnology and biotechnology and introduce students to green chemistry techniques that help circumvent environmental concerns.

9788126543205 | ₹ 819

## CIVIL ENGINEERING



### Chemistry for Engineers | e | k

**Agnihotri**

**Description**

This book is structured keeping in view the objective of the Engineering Chemistry course. It deals with some advanced topics relevant to engineering, such as Chemical Thermodynamics, Spectroscopic Techniques and Phase Rule

9788126550784 | ₹ 609



### Environmental Science, 8ed, ISV | e

**Botkin**

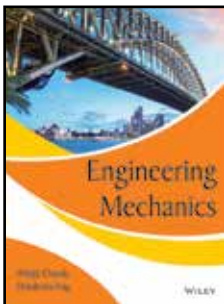
**Description**

Environmental Science: Earth as a Living Planet, Eighth Edition provides emphasis on the scientific process throughout the book and gives readers the structure to develop their critical thinking skills.

9788126534142 | ₹ 1129

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle





### Engineering Mechanics | e | k

**Chanda**

**Description**

• Statics • Dynamics

9788126570935 | ₹ 639



### Environmental Studies | e | k

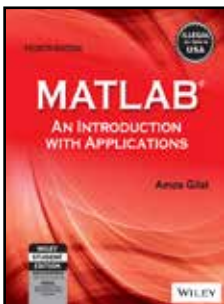
**Daniels**

**Description**

This textbook uses a balanced approach to the study of environment adopting operational definitions, broad and realistic classification and focused analyses and discussions that highlight the complexities, importance and scope of environmental studies to a wide array of

undergraduate students

9788126519439 | ₹ 569



### MATLAB: An Introduction with Applications, 4ed | BS | e

**Gilat**

**Description**

MATLAB: An Introduction with Applications 4th Edition walks readers through the ins and outs of this powerful software for technical computing.

9788126537204 | ₹ 659

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



### Earthquake-Resistant Design of Building Structures | e | k

**Hosur**

**Description**

Earthquake-Resistant Design of Building Structures provides up-to-date advanced research in the seismic analysis and design.

9788126538591 | ₹ 769



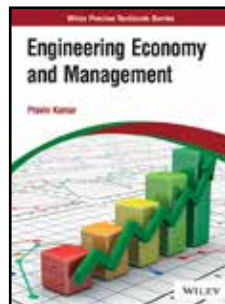
### Quality Control | e | k

**Kulkarni**

**Description**

Quality Control is designed with an integrated approach for the interdisciplinary courses on Quality Control and Total Quality Management.

9788126519071 | ₹ 759



### Engineering Economy and Management | e | k

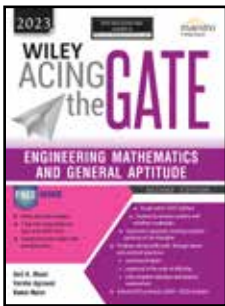
**Kumar**

**Description**

Engineering Economy and Management highlights the importance of economics and management in engineering and helps engineers in managerial decision making.

9788126579921 | ₹ 759

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### Wiley Acing the GATE: Engineering Mathematics and General Aptitude, 2ed, 2023 | New

**Maini**

**Description**

• Linear Algebra • Calculus • Differential Equations • Complex Variables • Probability and Statistics • Numerical Methods • Mathematical Logic • Set Theory and Algebra • Combinatory • Graph Theory • Transform Theory • Verbal Ability • English Grammar • Synonyms • Antonyms • Sentence Completion •

Verbal Analogies • Word Groups • Verbal Deduction • General Aptitude: Numerical Ability • Basic Arithmetic • Number System • Percentage • Profit and Loss • Simple Interest and Compound Interest • Time and Work • Average, Mixture and Alligation • Ratio, Proportion and Variation • Speed, Distance and Time • Algebra • Permutation and Combination • Progression • Probability • Set Theory • Surds, Indices and Logarithms • Reasoning and Data Interpretation

9789354644948 | ₹ 799



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**Meriam**

**Description**

This text continues to help students develop their problem-solving skills with an extensive variety of engaging problems related to engineering design. It effectively demonstrates both the cohesiveness of the relatively few fundamental ideas and the great variety

of problems which these few ideas will solve.

9789354248566 | ₹ 1199



### Engineering Mechanics: Statics, SI Version | IM | e

**Meriam**

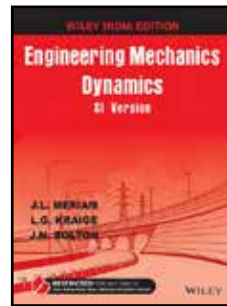
**Description**

This exciting book contains interesting, realistic illustrations to enhance reader comprehension. Also include a large number of worked examples that provide a good balance between initial, confidence building problems and more advanced level problems. Fundamental principles for solving problems are emphasized throughout.

9788126564033 | ₹ 939



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9788126565375 | ₹ 939



### Wiley Acing the GATE: Civil Engineering, 2ed, 2022

**Mungole**

**Description**

• Engineering Mechanics • Solid Mechanics • Structural Analysis • Construction Materials and Management • Concrete Structures • Steel Structures • Geotechnical Engineering • Fluid Mechanics and Hydraulics • Hydrology • Irrigation • Environmental Engineering •

Transportation Engineering • Geomatics Engineering

9789354249280 | ₹ 959



### Wiley's GATE Civil Engineering Chapter-wise Solved Papers (2000-2020) | e | k

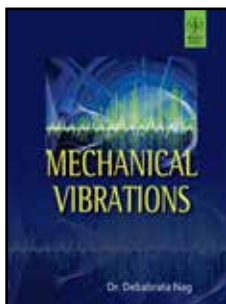
**Mungole**

**Description**

• Engineering Mathematics • Engineering Mechanics • Solid Mechanics • Structural Analysis • Construction Materials and Management • Concrete Structures • Steel Structures • Geotechnical Engineering • Fluid Mechanics and Hydraulics • Hydrology • Irrigation •

Environmental Engineering • Transportation Engineering • Geomatics Engineering

9788126573233 | ₹ 529



## Mechanical Vibrations | IM | e | k

**Nag**

### Description

Mechanical Vibrations is designed as a textbook for the undergraduate students of mechanical, electrical, aeronautical, automobile and civil engineering at major universities.

9788126530908 | ₹ 799



## Strength of Materials, 2ed, w/cd | e | k

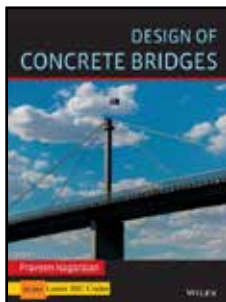
**Nag**

### Description

The subject lays the ground for various Engineering subjects, ranging from Machine Design, Finite-Element Analysis, Theory of Structures, Bio-Mechanics, and Fracture Mechanics. In this book, the topics are broadly divided into two parts: Elementary Strength of

Materials and Advanced Strength of Materials

9788126534876 | ₹ 799



## Design of Concrete Bridges | e | k

**Nagarajan**

### Description

• Introduction to Bridges • Road Bridges • Slab Bridges • Box Culvert • Tee Beam Bridges • Box Girder Bridges • Prestressed Concrete Bridges • Bearings and Substructures

9788126599905 | ₹ 509

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



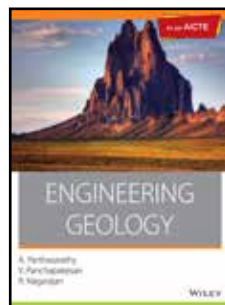
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**Pandey**

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In this book, specific strategies have been laid down to effectively manage disasters. The book is divided into three parts, namely, Part One: Disaster Management: A Prologue; Part Two: Disaster Management Cycle: Practical Applications; Part Three: Contemporary Issues and Challenges in Disaster Management. The major phases of disaster management are dealt with by giving real-life examples. Two cases per chapter, one at the start and the second at the end, provide ample content for critical thinking. The opening cases in the chapters are written with the aim to critically analyzing the current situation. The end-of-chapter cases further enable the readers to develop insights into the subject and make learning more practical and relevant.

9789357461610 | ₹ 809



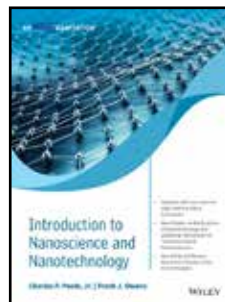
## Engineering Geology: As per AICTE | e

**Parthasarathy**

### Description

• Basic Geosciences • Engineering Geology and Allied Fields • Rock Properties, Behaviour and Applications

9788126509461 | ₹ 849



## Introduction to Nanoscience and Nanotechnology, An Indian Adaptation | e | k

**Poole**

### Description

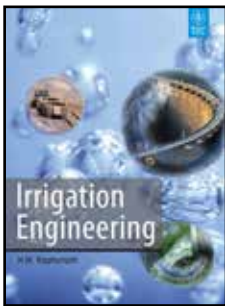
• Introduction to Solid State Physics • Methods of Measuring Properties • Properties and Synthesis of Nanoparticles • Carbon-Based Nanostructures • Nanostructured Materials • Nanostructured Ferromagnetism • Optical and Vibrational Spectroscopy

Quantum Wells, Wires, and Dots • Self-Assembly and Catalysis • Organic Compounds and Polymers • Biological Materials • Nanomachines and Nanodevices • Applications of Nanotechnology

9789354240201 | ₹ 889

Prices are subject to change without prior notice.





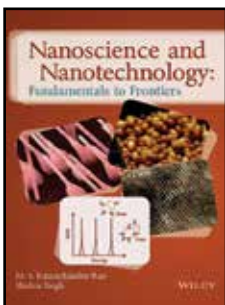
### **Irrigation Engineering | e | k**

**Raghunath**

**Description**

Irrigation Engineering is designed for the undergraduate students of civil engineering at major Indian universities and engineering colleges.

**9788126528813 | ₹ 819**



### **Nanoscience and Nanotechnology: Fundamentals of Frontiers | e | k**

**Rao**

**Description**

Nanoscience and nanotechnology are evolving at a rapid pace and there have been a number of scientific and technological advancements in these fields in recent times.

**9788126542017 | ₹ 759**



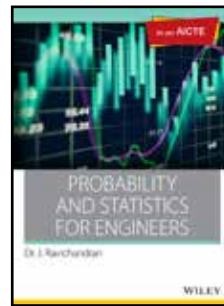
### **Soil Mechanics and Foundation Engineering: As per AICTE**

**Rao**

**Description**

Soil Mechanics and Foundation Engineering has seen unprecedented growth over the last few decades both in terms of knowledge and practice as well as in its significance in civil engineering profession.

**9788126540396 | ₹ 849**



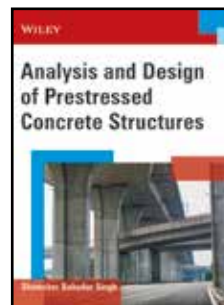
### **Probability and Statistics for Engineers: As per AICTE | IM | e**

**Ravichandran**

**Description**

Probability and Statistics for Engineers is written for undergraduate students of engineering and physical sciences.

**9788126512348 | ₹ 809**



### **Analysis and Design of Prestressed Concrete Structures | New | e | k**

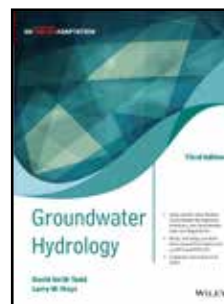
**Singh**

**Description**

• 1. Introduction • 2. Materials and Systems for Prestressing • 3 Loss of Prestress • 4 Analysis of Prestressed Concrete Sections for Flexural Loadings • 5 Flexural Strength of Prestressed Concrete Sections • 6 Shear and Torsional Strength of Prestressed Concrete

Members • 7 Indeterminate Prestressed Concrete Structural Elements • 8 Deflection, Camber, and Crack Control of Prestressed Concrete Members • 9 Design of Prestressed Concrete Sections • 10 Design of Transfer and Anchorage Zones • 11 Design of Prestressed Concrete Flexural Members • 12 Design of Prestressed Slabs • 13 Design of Tension Members and Circumferential Prestressing • 14 Design of Compression Members

**9789354644153 | ₹ 999**



### **Groundwater Hydrology, 3ed, An Indian Adaptation (Exclusively distributed by CBS Publishers & Distributors) | IM | e**

**Todd**

**Description**

Groundwater Hydrology is a classic textbook that provides a unified presentation of groundwater hydrology, treating fundamental principles, methods, and problems encountered in the field as a whole.

**9788194726333**

## ENVIRONMENTAL / EARTH SCIENCE & ENGINEERING SCIENCES



### Environmental Science, 8ed, ISV | e

**Botkin**

#### Description

Environmental Science: Earth as a Living Planet, Eighth Edition provides emphasis on the scientific process throughout the book and gives readers the structure to develop their critical thinking skills.

9788126534142 | ₹ 1129



### Environmental Studies | e | k

**Daniels**

#### Description

This textbook uses a balanced approach to the study of environment adopting operational definitions, broad and realistic classification and focused analyses and discussions that highlight the complexities, importance and scope of environmental studies to a wide array of

undergraduate students

9788126519439 | ₹ 569



### Quality Control | e | k

**Kulkarni**

#### Description

Quality Control is designed with an integrated approach for the interdisciplinary courses on Quality Control and Total Quality Management.

9788126519071 | ₹ 759

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



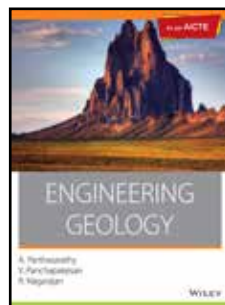
### Understanding Clean Energy and Fuels from Biomass | e | k

**Mukunda**

#### Description

This book is an authoritative source for understanding the subject of the clean conversion of biomass to energy and upgraded fuels - gases and liquids for heat, electricity and transportation from the vantage point of developing countries like India and other oil importing nations bestowed with bio-resource.

9788126529698 | ₹ 889



### Engineering Geology: As per AICTE | e

**Parthasarathy**

#### Description

• Basic Geosciences • Engineering Geology and Allied Fields • Rock Properties, Behaviour and Applications

9788126509461 | ₹ 849



### An Introductory Text on Green Chemistry : For Undergraduate Students | e | k

**Sidhwani**

#### Description

• Introduction to Green Chemistry • Twelve Principles of Green Chemistry • Emerging Green Solvents • Green Chemistry and Catalysis • Alternative Green Energy Sources and Sustainability • Some Important Green Syntheses • Green Methodology in Pharmaceutical Industry • Real-World Cases in Green Chemistry • Some Future Trends in Green Chemistry • Green Chemistry in Education (To Meet the Challenges of Sustainable Development)

9788126554072 | ₹ 469

Prices are subject to change without prior notice.



**Quantum Mechanics, 2ed: Concepts and Applications, An Indian Adaptation (Exclusively distributed by CBS) | e**

**Zettili**

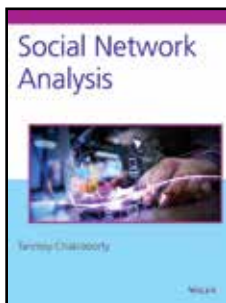
**Description**

• Origins of Quantum Physics • Mathematical Tools of Quantum Mechanics • Postulates of Quantum Mechanics • One-Dimensional Problems • Angular Momentum • Three-Dimensional Problems • Rotations and Addition of Angular Momenta • Identical Particles

• Approximation Methods for Stationary States • Time-Dependent Perturbation Theory • Scattering Theory • Special Topics in Quantum Mechanics

9789354640773

**ENGINEERING SPECIAL TOPICS**



**Social Network Analysis | e | k**

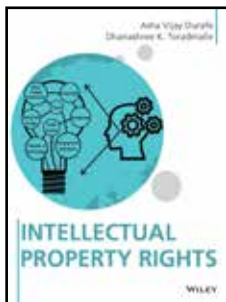
**Chakraborty**

**Description**

• Networks and Society • Network Measures • Network Growth Models • Link Analysis • Community Structure in Networks • Link Prediction • Cascade Behaviours and Network Effects • Anomaly Detection in Networks • Graph Representation Learning • Applications and Case

Studies

9789354247835 | ₹ 889



**Intellectual Property Rights | e | k**

**Durafe**

**Description**

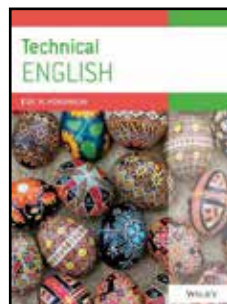
• Components of IPR and Their Importance • Enforcement of Intellectual Property Rights • Emerging Issues in Intellectual Property Rights • Basics of Patents • Patent Filing and Patent Search • Copyright • Geographical Indications of Goods (Registration and Protection)

Act, 1999 • Protection of Plant Varieties and Farmers' Rights Act, 2001: An Overview • Trademark • Industrial Design: The Designs Act, 2000

9789390395910 | ₹ 439

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**Technical English, (As per syllabus of Anna University), w/cd | k**

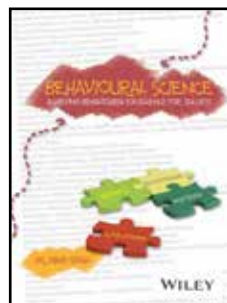
**Hemamalini**

**Description**

• Vocabulary • Grammar • Writing • Reading • The e-English Listening • Speaking • Modules 1 & 2: Ear Training • Module 3: Conversations • Module 4: Process Description • Module 5: Event Description • Module 6: Academic Discussions • Module 7: Debates • Module 8:

Classroom Interaction • Module 9: News Analysis

9788126549115 | ₹ 589



**Behavioural Science: Achieving Behavioural Excellence for Success | e | k**

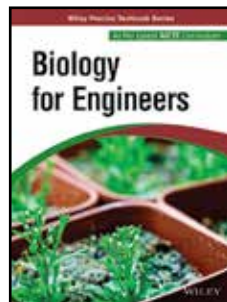
**Singh**

**Description**

• Understanding Self and Personality • Self-Esteem • Psychology of Attitude • Emotional Intelligence and Competence • Communication Beyond Words • Effective Listening • Behavioural Adjustments and Positive Outcome • Stress Management and Prevention

• Coping Styles or Strategies • Summary • Check Your Progress • Review Questions • References • Further Readings • Answers

9788126538027 | ₹ 589



**Biology for Engineers: As per Latest AICTE Curriculum | BS | e | k**

**Wiley Editorial Team**

**Description**

• Cell: The Basic Unit of Life • Biochemistry and Molecular Analysis • Enzymes • Introduction to Metabolism • Genetics • Transfer of Genetic Information • Evolution • Microbiology and Its Industrial Applications

9788126576340 | ₹ 369

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle





## Technical Communication | e | k

**Wiley Editorial Team**

**Description**

• Grammar at a Glance • Developing Writing Ability • Reading and Listening • Verbal and Non-Verbal Communication

9788126579891 | ₹ 589



## Wiley Acing the Interviews | e | k

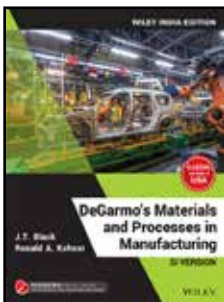
**Wiley Editorial Team**

**Description**

• Before The Interview • During The Interview • After The Interview

9789390395514 | ₹ 479

## INDUSTRIAL ENGINEERING



## DeGarmo's Materials and Processes in Manufacturing, SI Version, Wiley India Edition | IM | e

**Black**

**Description**

DeGarmo's Materials and Processes in Manufacturing has been a market-leading text on manufacturing and manufacturing processes courses for more than fifty years.

9788126572632 | ₹ 1129

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



## Environmental Science, 8ed, ISV | e

**Botkin**

**Description**

Environmental Science: Earth as a Living Planet, Eighth Edition provides emphasis on the scientific process throughout the book and gives readers the structure to develop their critical thinking skills.

9788126534142 | ₹ 1129



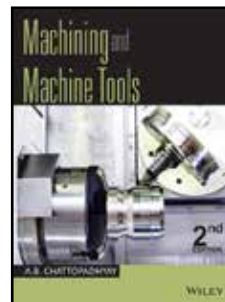
## Engineering Mechanics | e | k

**Chanda**

**Description**

• Statics • Dynamics

9788126570935 | ₹ 639



## Machining and Machine Tools, 2ed, w/cd | e | k

**Chattopadhyay**

**Description**

• Machining • Machine Tools

9788126564743 | ₹ 839

Prices are subject to change without prior notice.



### Groover's Principles of Modern Manufacturing SI Version, Wiley India Edition | IM | e

**Groover**

**Description**

• Engineering Materials and Product Attributes • Solidification Processes • Particulate Processing of Metals and Ceramics • Metal Forming and Sheet Metalworking • Material Removal Processes • Property-Enhancing and Surface Processing Operations • Joining and Assembly Processes • Special Processing and Assembly Technologies • Manufacturing Systems • Manufacturing Support Systems

9788126573059 | ₹ 1109



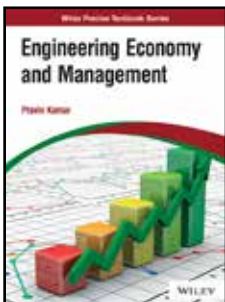
### Quality Control | e | k

**Kulkarni**

**Description**

Quality Control is designed with an integrated approach for the interdisciplinary courses on Quality Control and Total Quality Management.

9788126519071 | ₹ 759



### Engineering Economy and Management | e | k

**Kumar**

**Description**

Engineering Economy and Management highlights the importance of economics and management in engineering and helps engineers in managerial decision making.

9788126579921 | ₹ 759



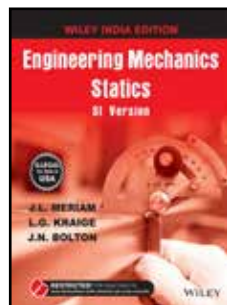
### Engineering Mechanics Statics and Dynamics, 9ed, An Indian Adaptation | IM | e

**Meriam**

**Description**

This text continues to help students develop their problem-solving skills with an extensive variety of engaging problems related to engineering design. It effectively demonstrates both the cohesiveness of the relatively few fundamental ideas and the great variety of problems which these few ideas will solve.

9789354248566 | ₹ 1199



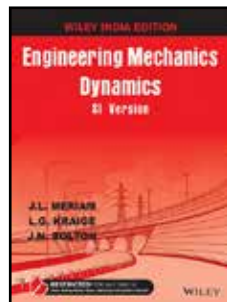
### Engineering Mechanics: Statics, SI Version | IM | e

**Meriam**

**Description**

This exciting book contains interesting, realistic illustrations to enhance reader comprehension. Also include a large number of worked examples that provide a good balance between initial, confidence building problems and more advanced level problems. Fundamental principles for solving problems are emphasized throughout.

9788126564033 | ₹ 939



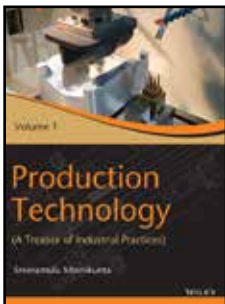
### Engineering Mechanics: Dynamics, SI Version | e

**Meriam**

**Description**

Known for its accuracy, clarity, and dependability, Meriam, Kraige, and Bolton's Engineering Mechanics: Dynamics, 8th Edition SI Version has provided a solid foundation of mechanics principles to students for more than 60 years.

9788126565375 | ₹ 939



## Production Technology: A Treatise of Industrial Practices, Vol 1 | IM | e | k

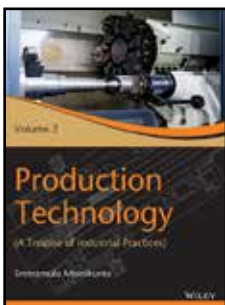
**Moinikunta**

### Description

• Casting Process• Gating Systems• Special Casting Processes• Metal Melting Furnaces• Melting, Pouring, and Casting Quality• Lean Six Sigma• Theory of Metal Forming• Bulk Metal-Forming Processes• Sheet Metal-Forming Processes• Welding Processes• Advanced

Welding Technologies• Gas Welding and Cutting• Powder Metallurgy• 3D Printing• Plastic Processes

9788126571253 | ₹ 559



## Production Technology : A Treatise of Industrial Practice, Vol 2 | e | k

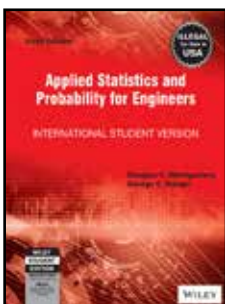
**Moinikunta**

### Description

• Theory of Metal Cutting• Cutting Tool Technology• Machining Processes and Machine Tools• Abrasive Machining Processes• Superfinishing Processes• Unconventional Machining Processes• Engineering Materials• Phase Transformations• Heat Treatment

Processes• Surface Treatments• Design for Manufacturing• Limits, Fits, and Tolerances• Surface Finish• Process Planning and CAPP\_335 • Jigs and Fixtures• CNC Machine Tools• Standardization

9788126571260 | ₹ 609



## Applied Statistics and Probability for Engineers, 6ed, ISV | IM | BS | e

**Montgomery**

### Description

• The Role of Statistics in Engineering • Probability • Discrete Random Variables and Probability Distributions • Continuous Random Variables and Probability Distributions • Joint Probability Distributions • Descriptive Statistics • Sampling Distributions and

Point Estimation of Parameters • Statistical Intervals for a Single Sample • Tests of Hypotheses for a Single Sample • Statistical Inference for Two Samples • Simple Linear Regression and Correlation • Multiple Linear Regression • Design and Analysis of Single-Factor Experiments: The Analysis of Variance • Design of Experiments with Several Factors • Statistical Quality Control

9788126562947 | ₹ 949

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



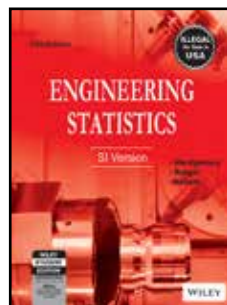
## Design and Analysis of Experiments, 8ed, ISV | IM | BS | e

**Montgomery**

### Description

The eighth edition of Design and Analysis of Experiments continues to provide extensive and in-depth information on engineering, business and statistics as well as informative ways to help readers design and analyze experiments for improving the quality, efficiency and performance of working systems.

9788126540501 | ₹ 969



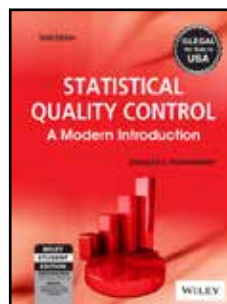
## Engineering Statistics, 5ed, SI Version | IM | e

**Montgomery**

### Description

Montgomery, Runger, and Hubele provide modern coverage of engineering statistics, focusing on how statistical tools are integrated into the engineering problem-solving process.

9788126542635 | ₹ 759



## Statistical Quality Control: A Modern Introduction, 6ed | IM | BS

**Montgomery**

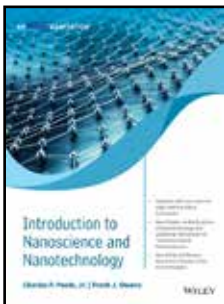
### Description

Covering everything from basic principles to state-of-the-art concepts and applications, this book arms readers with a comprehensive understanding of modern statistical methods for quality control and improvement.

9788126525065 | ₹ 939

Prices are subject to change without prior notice.





### Introduction to Nanoscience and Nanotechnology, An Indian Adaptation | e | k

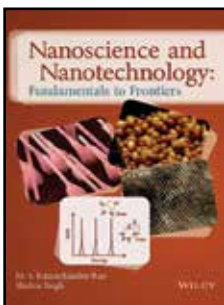
**Poole**

**Description**

• Introduction to Solid State Physics • Methods of Measuring Properties • Properties and Synthesis of Nanoparticles • Carbon-Based Nanostructures • Nanostructured Materials • Nanostructured Ferromagnetism • Optical and Vibrational Spectroscopy •

Quantum Wells, Wires, and Dots • Self-Assembly and Catalysis • Organic Compounds and Polymers • Biological Materials • Nanomachines and Nanodevices • Applications of Nanotechnology

9789354240201 | ₹ 889



### Nanoscience and Nanotechnology: Fundamentals of Frontiers | e | k

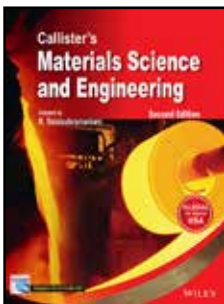
**Rao**

**Description**

Nanoscience and nanotechnology are evolving at a rapid pace and there have been a number of scientific and technological advancements in these fields in recent times.

9788126542017 | ₹ 759

## MATERIAL SCIENCE



### Callister's Materials Science and Engineering, 2ed, w/cd | IM | BS | e

**Balasubramaniam**

**Description**

This book continues to provide engineers with a strong understanding of the three primary types of materials and composites, as well as the relationships that exist between the structural elements of materials and their properties.

9788126541607 | ₹ 1109

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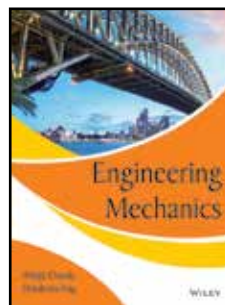
### Environmental Science, 8ed, ISV | e

**Botkin**

**Description**

Environmental Science: Earth as a Living Planet, Eighth Edition provides emphasis on the scientific process throughout the book and gives readers the structure to develop their critical thinking skills.

9788126534142 | ₹ 1129



### Engineering Mechanics | e | k

**Chanda**

**Description**

• Statics • Dynamics

9788126570935 | ₹ 639



### Engineering Mechanics Statics and Dynamics, 9ed, An Indian Adaptation | IM | e

**Meriam**

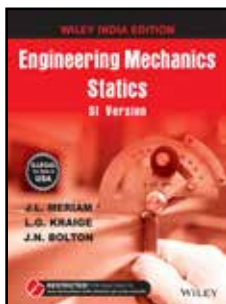
**Description**

This text continues to help students develop their problem-solving skills with an extensive variety of engaging problems related to engineering design. It effectively demonstrates both the cohesiveness of the relatively few fundamental ideas and the great variety

of problems which these few ideas will solve.

9789354248566 | ₹ 1199

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



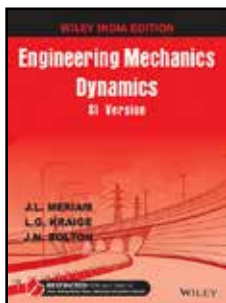
### Engineering Mechanics: Statics, SI Version | IM | e

**Meriam**

**Description**

This exciting book contains interesting, realistic illustrations to enhance reader comprehension. Also include a large number of worked examples that provide a good balance between initial, confidence building problems and more advanced level problems. Fundamental principles for solving problems are emphasized throughout.

9788126564033 | ₹ 939



### Engineering Mechanics: Dynamics, SI Version | e

**Meriam**

**Description**

Known for its accuracy, clarity, and dependability, Meriam, Kraige, and Bolton's Engineering Mechanics: Dynamics, 8th Edition SI Version has provided a solid foundation of mechanics principles to students for more than 60 years.

9788126565375 | ₹ 939



### Strength of Materials, 2ed, w/cd | e | k

**Nag**

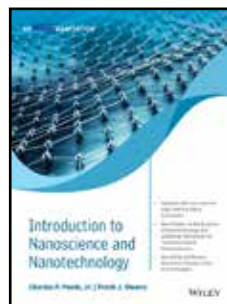
**Description**

The subject lays the ground for various Engineering subjects, ranging from Machine Design, Finite-Element Analysis, Theory of Structures, Bio-Mechanics, and Fracture Mechanics. In this book, the topics are broadly divided into two parts: Elementary Strength of

Materials and Advanced Strength of Materials

9788126534876 | ₹ 799

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



### Introduction to Nanoscience and Nanotechnology, An Indian Adaptation | e | k

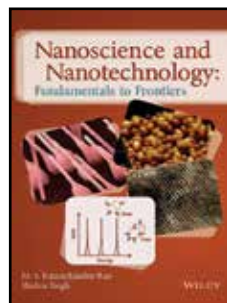
**Poole**

**Description**

• Introduction to Solid State Physics • Methods of Measuring Properties • Properties and Synthesis of Nanoparticles • Carbon-Based Nanostructures • Nanostructured Materials • Nanostructured Ferromagnetism • Optical and Vibrational Spectroscopy •

Quantum Wells, Wires, and Dots • Self-Assembly and Catalysis • Organic Compounds and Polymers • Biological Materials • Nanomachines and Nanodevices • Applications of Nanotechnology

9789354240201 | ₹ 889



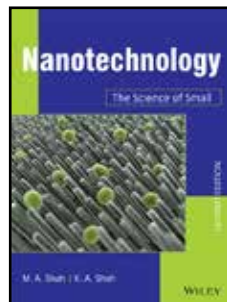
### Nanoscience and Nanotechnology: Fundamentals to Frontiers | e | k

**Rao**

**Description**

Nanoscience and nanotechnology are evolving at a rapid pace and there have been a number of scientific and technological advancements in these fields in recent times.

9788126542017 | ₹ 759



### Nanotechnology: The Science of Small, 2ed | e | k

**Shah**

**Description**

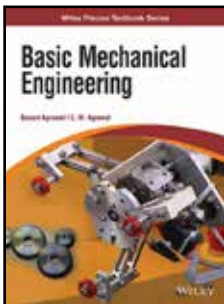
• Overview of Carbon Materials • Fundamentals of Nanoscience • Techniques for Synthesis of Nanomaterials • Nanomaterials Characterization Techniques • Prime Materials in Nanotechnology • Nanotechnology Applications and Recent

Breakthroughs • Nanotechnology Initiatives and Future Prospectives

9788126579976 | ₹ 619

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## MECHANICAL ENGINEERING



### Basic Mechanical Engineering | e | k

**Agarwal**

#### Description

This book is designed to suit the core engineering course on basic mechanical engineering offered to first year students of all engineering colleges.

9788126518784 | ₹ 589



### Mirco and Smart Systems: As per AICTE

**Ananthasuresh**

#### Description

• Micro Sensors, Actuators, Systems and Smart Materials: An Overview • Micromachining Technologies • Micromachining Technologies • Modeling of Solids in Microsystems • Finite Element Method • Modeling of Coupled Electromechanical Systems • Electronics

Circuits and Control for Micro and Smart Systems • Integration of Micro and Smart Systems • Scaling Effects in Microsystems

9788126520701 | ₹ 889



### Advanced Mechanics of Materials, 6ed, An Indian Adaptation | IM | BS | e | k

**Boresi**

#### Description

• Theories of Stress and Strain • Linear Stress–Strain–Temperature Relations • Applications of Energy Methods • Torsion • Bending of Straight Beams • Shear Center for Thin-Wall Beam Cross Sections • Curved Beams • Beams on Elastic Foundations • The Thick-Wall

Cylinder • Elastic and Inelastic Stability of Columns • Flat Plates • Stress Concentrations • Contact Stresses

9788194726395 | ₹ 829

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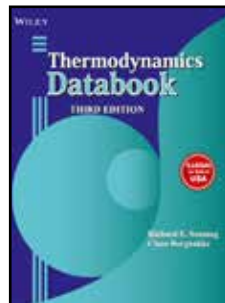
### Fundamentals of Thermodynamics, 10ed, An Indian Adaptation | IM | e | k

**Borgnakke, Bhattacharyya, Soni**

#### Description

• Introduction and Preliminaries • Properties of a Pure Substance • Energy Equation and First Law of Thermodynamics • Energy Analysis for a Control Volume • The Second Law of Thermodynamics • Entropy • Entropy Analysis for a Control Volume • Exergy • Gas Power and Refrigeration Systems • Vapor Power and Refrigeration Systems • Gas Mixtures • Thermodynamic Relations • Chemical Reactions • Introduction to Phase and Chemical Equilibrium • Compressible Flow • Appendix A SI Units: Single-State Properties • Appendix B SI Units: Thermodynamic Tables • Appendix C Ideal Gas Specific Heat • Appendix D Equations of State • Appendix E Figures • Appendix F Multiple-Choice Questions • Index

9789354642210 | ₹ 1019



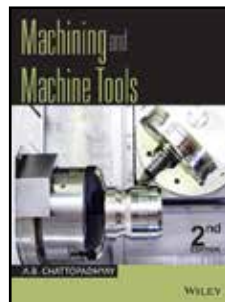
### Thermodynamics Databook, 3ed

**Borgnakke**

#### Description

• A Single-State Properties • B Thermodynamic Tables • C Ideal-Gas Specific Heat • D Equations Of State • E Figures • F Additional Thermodynamic Tables

9788126589203 | ₹ 299



### Machining and Machine Tools, 2ed, w/cd | e | k

**Chattopadhyay**

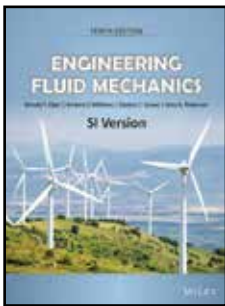
#### Description

• Machining • Machine Tools

9788126564743 | ₹ 839

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle





### Engineering Fluid Mechanics, 10ed, SI Version | IM | e

**Elger**

**Description**

- Building a Solid Foundation • Fluid Properties • Fluid Statics • The Bernoulli Equation and Pressure Variation • Control Volume Approach and Continuity Equation • Momentum Equation • The Energy Equation • Dimensional Analysis and Similitude • Predicting Shear Force • Flow in Conduits • Drag and Lift • Compressible Flow • Flow Measurements • Turbomachinery • Flow in Open Channels • Modeling of Fluid Dynamics Problems

9788126564491 | ₹ 1059



### Successful Product Design and Management Toolkit | e | k

**Fradin**

**Description**

- Foundations in the Successful Management of Products • Product Market Strategy and Product Planning • Product Market Strategy and Product Planning • Business Skills for Product Managers • User Experience and User Interface • Product Engineering • Product Support and Documentation

9788126564996 | ₹ 1069



### Fox and McDonald's Introduction to Fluid Mechanics, 10ed, An Indian Adaptation | IM | BS | e

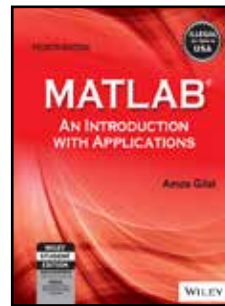
**Fox**

**Description**

- Fundamental Concepts • Fluid Statics • Basic Equations in Integral Form for a Control Volume • Introduction to Differential Analysis of Fluid Motion • Incompressible Inviscid Flow • Dimensional Analysis and Similitude • Internal Incompressible Viscous Flow • External Incompressible Viscous Flow • Fluid Machinery • Flow in Open Channels • Introduction to Compressible Flow

9789354641077 | ₹ 1059

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



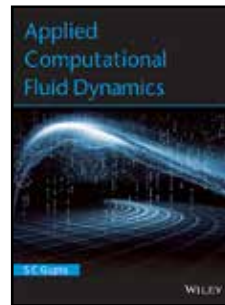
### MATLAB: An Introduction with Applications, 4ed | BS | e

**Gilat**

**Description**

MATLAB: An Introduction with Applications 4th Edition walks readers through the ins and outs of this powerful software for technical computing.

9788126537204 | ₹ 659



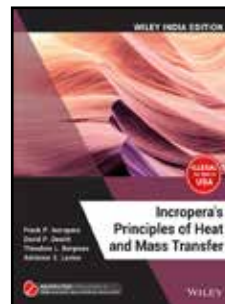
### Applied Computational Fluid Dynamics | e | k

**Gupta**

**Description**

- Mathematical Behavior of Partial Differential Equations and Its Impact on Computational Fluid Dynamics • Solution Methods of Finite-Difference Equations • Grid Generation • Adaptive Grid Methods and Appropriate Transformation • Finite Volume Methods • Computational Fluid Dynamics: Some Applications

9788126577538 | ₹ 679



### Incropera's Principles of Heat and Mass Transfer, Wiley India Edition | IM | BS | e

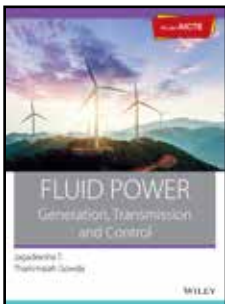
**Incropera**

**Description**

- Introduction to Conduction • One-Dimensional, Steady-State Conduction • Two-Dimensional, Steady-State Conduction • Transient Conduction • Introduction to Convection • External Flow • Internal Flow • Free Convection • Boiling and Condensation • Heat Exchangers • Radiation: Processes and Properties • Radiation Exchange Between Surfaces • Diffusion Mass Transfer

9788126578245 | ₹ 1069

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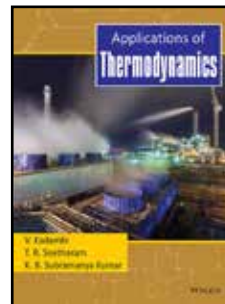


## Fluid Power: Generation, Transmission and Control: As per AICTE | e

**Jagadeesha T.**

### Description

Fluid Power – Generation, Transmission and Control provides an integrated treatment of hydraulic systems for courses in undergraduate and postgraduate level. The stress is on interdisciplinary nature of subject



## Applications of Thermodynamics | IM | e | k

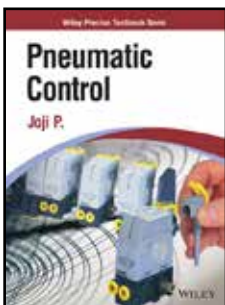
**Kadambi**

### Description

• Review of Basic Thermodynamics• Reciprocating Gas Compressors• Vapor Power Cycle• Gas Power Cycles• Refrigeration Cycles• Air-Conditioning• Internal Combustion Engines• Thermodynamics of Compressible Flow• Thermodynamics of Reacting Mixtures• Availability Analysis of Thermodynamic Systems

9788126509478 | ₹ 829

9788126571246 | ₹ 659

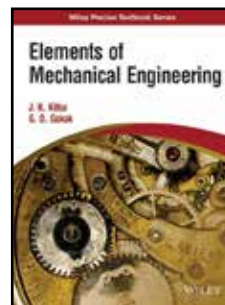


## Pneumatic Controls | e | k

**Joji P.**

### Description

Pneumatic controls is an introductory textbook designed to provide technical information needed as a foundation for dealing with pneumatic components, circuit diagrams and systems.



## Elements of Mechanical Engineering | e | k

**Kittur**

### Description

This book, Elements of Mechanical Engineering, is a wonderful compendium comprising all the ingredients required by an engineering student of any discipline.

9788126515424 | ₹ 669

9788126553037 | ₹ 559



## Machine Component Design | e

**Juvinall**

### Description

• Fundamentals • Applications



## Quality Control | e | k

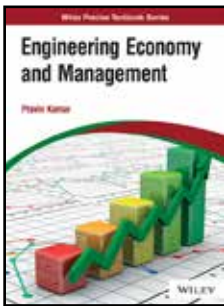
**Kulkarni**

### Description

Quality Control is designed with an integrated approach for the interdisciplinary courses on Quality Control and Total Quality Management.

9788126559732 | ₹ 1169

9788126519071 | ₹ 759



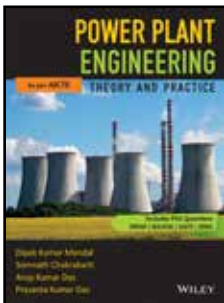
## Engineering Economy and Management | e | k

**Kumar**

### Description

Engineering Economy and Management highlights the importance of economics and management in engineering and helps engineers in managerial decision making.

9788126579921 | ₹ 759



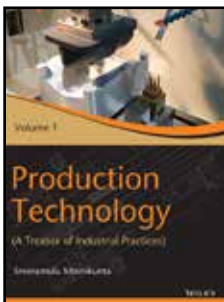
## Power Plant Engineering: Theory and Practice | e | k

**Mandal**

### Description

Power Plant Engineering: Theory and Practice presents a comprehensive coverage mainly on thermal power plant engineering along with basic ideas on nuclear power generation systems, diesel engine and gas turbine power plant

9788126579754 | ₹ 759



## Production Technology: A Treatise of Industrial Practices, Vol 1 | IM | e | k

**Moinikunta**

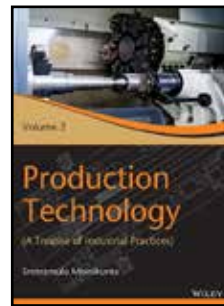
### Description

• Casting Process • Gating Systems • Special Casting Processes • Metal Melting Furnaces • Melting, Pouring, and Casting Quality • Lean Six Sigma • Theory of Metal Forming • Bulk Metal-Forming Processes • Sheet Metal-Forming Processes • Welding Processes • Advanced

Welding Technologies • Gas Welding and Cutting • Powder Metallurgy • 3D Printing • Plastic Processes

9788126571253 | ₹ 559

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



## Production Technology : A Treatise of Industrial Practice, Vol 2 | e | k

**Moinikunta**

### Description

• Theory of Metal Cutting • Cutting Tool Technology • Machining Processes and Machine Tools • Abrasive Machining Processes • Superfinishing Processes • Unconventional Machining Processes • Engineering Materials • Phase Transformations • Heat Treatment Processes • Surface Treatments • Design for Manufacturing • Limits, Fits, and Tolerances • Surface Finish • Process Planning and CAPP\_335 • Jigs and Fixtures • CNC Machine Tools • Standardization

9788126571260 | ₹ 609



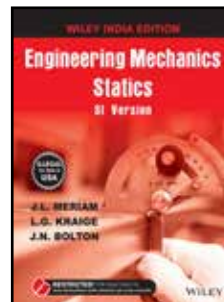
## Engineering Mechanics Statics and Dynamics, 9ed, An Indian Adaptation | IM | e

**Meriam**

### Description

This text continues to help students develop their problem-solving skills with an extensive variety of engaging problems related to engineering design. It effectively demonstrates both the cohesiveness of the relatively few fundamental ideas and the great variety of problems which these few ideas will solve.

9789354248566 | ₹ 1199



## Engineering Mechanics: Statics, SI Version | IM | e

**Meriam**

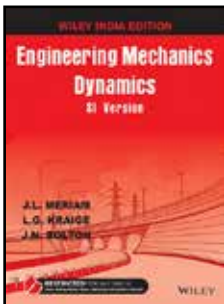
### Description

This exciting book contains interesting, realistic illustrations to enhance reader comprehension. Also include a large number of worked examples that provide a good balance between initial, confidence building problems and more advanced level problems. Fundamental principles for solving problems are emphasized throughout.

9788126564033 | ₹ 939

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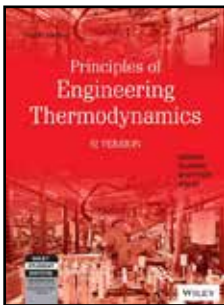
## Engineering Mechanics: Dynamics, SI Version | e

**Meriam**

### Description

Known for its accuracy, clarity, and dependability, Meriam, Kraige, and Bolton's Engineering Mechanics: Dynamics, 8th Edition SI Version has provided a solid foundation of mechanics principles to students for more than 60 years.

9788126565375 | ₹ 939



## Principles of Engineering Thermodynamics, SI Version, 8ed | IM | BS | e

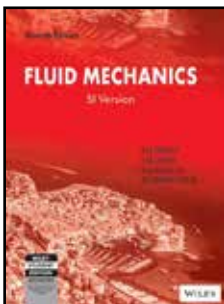
**Moran**

### Description

- Getting Started: Introductory Concepts and Definitions
- Energy and the First Law of Thermodynamics
- Evaluating Properties
- Control Volume Analysis Using Energy
- The Second Law of Thermodynamics
- Using Entropy
- Exergy Analysis
- Vapor Power Systems
- Gas

Power Systems • Refrigeration and Heat Pump Systems • Thermodynamic Relations • Ideal Gas Mixture and Psychrometric Applications • Reacting Mixtures and Combustion • Chemical and Phase Equilibrium

9788126556724 | ₹ 909



## Fluid Mechanics, SI Version, 7ed | IM | e

**Munson**

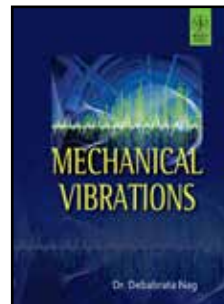
### Description

Fundamentals of Fluid Mechanics offer comprehensive topical coverage, with varied examples and problems, application of visual component of fluid mechanics and strong focus on effective learning.

9788126553433 | ₹ 1129

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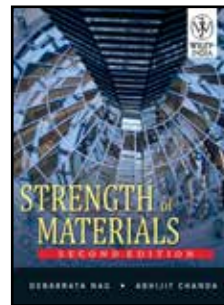
## Mechanical Vibrations | IM | e | k

**Nag**

### Description

Mechanical Vibrations is designed as a textbook for the undergraduate students of mechanical, electrical, aeronautical, automobile and civil engineering at major universities.

9788126530908 | ₹ 799



## Strength of Materials, 2ed, w/cd | e | k

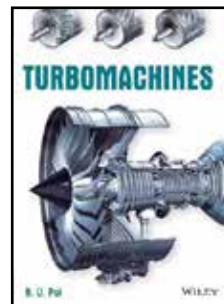
**Nag**

### Description

The subject lays the ground for various Engineering subjects, ranging from Machine Design, Finite-Element Analysis, Theory of Structures, Bio-Mechanics, and Fracture Mechanics. In this book, the topics are broadly divided into two parts: Elementary Strength of

Materials and Advanced Strength of Materials

9788126534876 | ₹ 799



## Turbomachines | IM | e | k

**Pai**

### Description

This book covers the basic principles of turbo machinery and provides a firm foundation for the understanding of the basic concepts with absolute clarity.

9788126539550 | ₹ 729

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



### Mechanics of Materials, SI Version, 5ed, An Indian Adaptation | IM | e

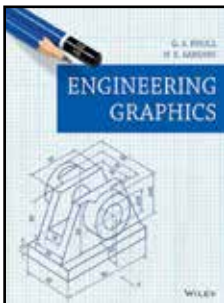
**Philpot**

**Description**

- Stress • Strain • Mechanical Properties of Materials • Design Concepts • Axial Deformation • Torsion • Equilibrium of Beams • Bending • Shear Stress in Beams • Beam Deflections • Statically Indeterminate Beams • Stress Transformations • Strain Transformations • Pressure Vessels • Combined Loads •

Columns • Energy Methods • Appendix A Geometric Properties of an Area • Appendix B Geometric Properties of Structural Steel Shapes • Appendix C Table of Beam Slopes and Deflections • Appendix D Average Properties of Selected Materials • Appendix E Generalized Hooke's Law for Isotropic and Orthotropic Materials • Appendix F Fundamental Mechanics of Materials Equations • Appendix G Multiple Choice Questions • Answers to Odd Numbered Problems (Available Online) • Index

**9789354643293 | ₹ 1179**



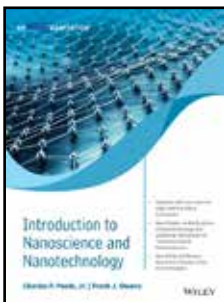
### Engineering Graphics | k

**Phull**

**Description**

The book offers ample illustrations of technical drawings along with step-by-step instructions for their development. The coverage of the topics is as per syllabus requirements of AICTE.

**9788126549702 | ₹ 679**



### Introduction to Nanoscience and Nanotechnology, An Indian Adaptation | e | k

**Poole**

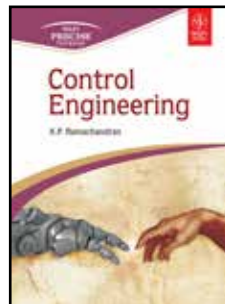
**Description**

- Introduction to Solid State Physics • Methods of Measuring Properties • Properties and Synthesis of Nanoparticles • Carbon-Based Nanostructures • Nanostructured Materials • Nanostructured Ferromagnetism • Optical and Vibrational Spectroscopy •

Quantum Wells, Wires, and Dots • Self-Assembly and Catalysis • Organic Compounds and Polymers • Biological Materials • Nanomachines and Nanodevices • Applications of Nanotechnology

**9789354240201 | ₹ 889**

e - eBook, IM - Instructor Manual, BS - Bestseller, k - Kindle



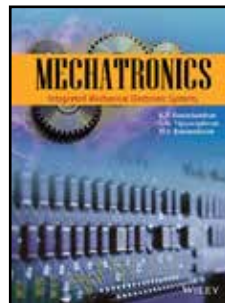
### Control Engineering | e | k

**Ramachandran**

**Description**

Control Engineering is the field in which control theory is applied to design systems to produce desirable outputs. It essays the role of an incubator of emerging technologies.

**9788126522880 | ₹ 759**



### Mechatronics: Integrated Mechanical Electronic Systems, w/ cd | IM | e | k

**Ramachandran**

**Description**

This book integrates the principles of electrical and electronic engineering with Mechatronic system application in a simple manner and is designed for both mechanical/industrial engineers.

**9788126518371 | ₹ 919**



### Mechatronics: As per AICTE w/ cd | e

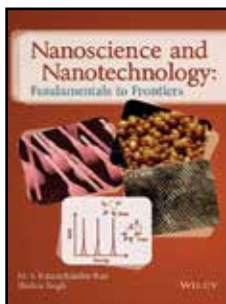
**Ramachandran**

**Description**

Mechatronics is a rapidly developing interdisciplinary field of engineering. The mechatronics deals with the synergistic integration of mechanical engineering, electronic engineering

**9788126540402 | ₹ 939**

Prices are subject to change without prior notice.



## Nanoscience and Nanotechnology: Fundamentals of Frontiers | e | k

**Rao**

### Description

Nanoscience and nanotechnology are evolving at a rapid pace and there have been a number of scientific and technological advancements in these fields in recent times.

9788126542017 | ₹ 759



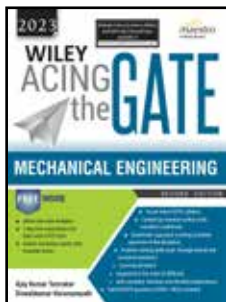
## Thermal Turbomachines, 2ed | e | k

**Singh**

### Description

• Fundamental Concepts of Turbomachines • Centrifugal Compressors • Axial Flow Compressors • Turbines • Steam Turbines • Pumps • Design Considerations of Thermal Turbomachines

9788126579235 | ₹ 689



## Wiley Acing the GATE: Mechanical Engineering, 2ed, 2023 | New

**Tamrakar**

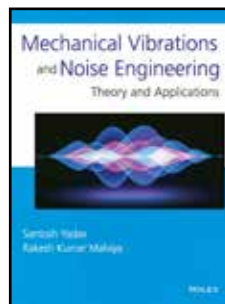
### Description

• Applied Mechanics & Design • Fluid Mechanics & Thermal Sciences • Manufacturing & Industrial Engineering

9789354644962 | ₹ 999

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## Mechanical Vibrations and Noise Engineering: Theory and Applications | e | k

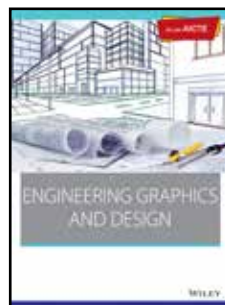
**Yadav**

### Description

• Fundamental Aspects of Vibration • Undamped Free Vibrations • Damped Free Vibrations • Harmonically Excited Vibration • Whirling Motion and Critical Speed • System with Two Degrees of Freedom • Multi-Degree-of-Freedom Systems • Noise Engineering • Noise:

Isolation and Control Engineering

9788126599998 | ₹ 539



## Engineering Graphics and Design: As per AICTE

**Wiley Editorial Team**

### Description

• Concepts and Conventions • Plane Curves • Geometrical Constructions • Theory of Projections • Projection of Points • Projections of Lines • Projections of Planes • Projections of Solids • Section of Solids • Development of Surfaces • Intersection of Surfaces of Solids • Isometric

Projections • Orthographic Projections • Introduction to AutoCAD 2017 • Introduction to Solid Edge Software

9788126507740 | ₹ 499



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9788126589203	Borgnakke	Thermodynamics Databook, 3ed <b>pg.1</b>	₹ 299	
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9788126579921	Kumar	Engineering Economy and Management   <b>e   k pg.2</b>	₹ 759	
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9788126570935	Chanda	Engineering Mechanics   <b>e   k pg.3</b>	₹ 639	
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9788126578245	Incropera	Incropera's Principles of Heat and Mass Transfer, Wiley India Edition   <b>IM   BS   e pg.3</b>	₹ 1069	
9788126577538	Gupta	Applied Computational Fluid Dynamics   <b>e   k pg.4</b>	₹ 679	
9789388991001	Keshav	Transport Phenomena : As per AICTE   <b>IM   e   k pg.4</b>	₹ 519	
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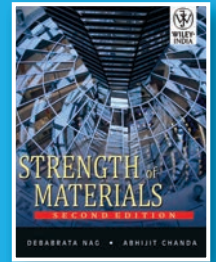
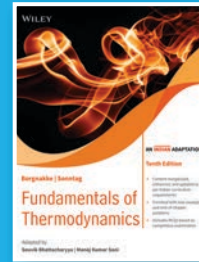
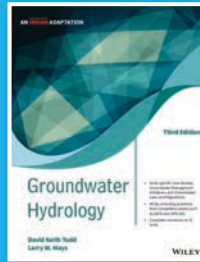
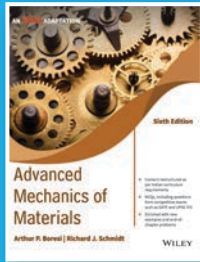
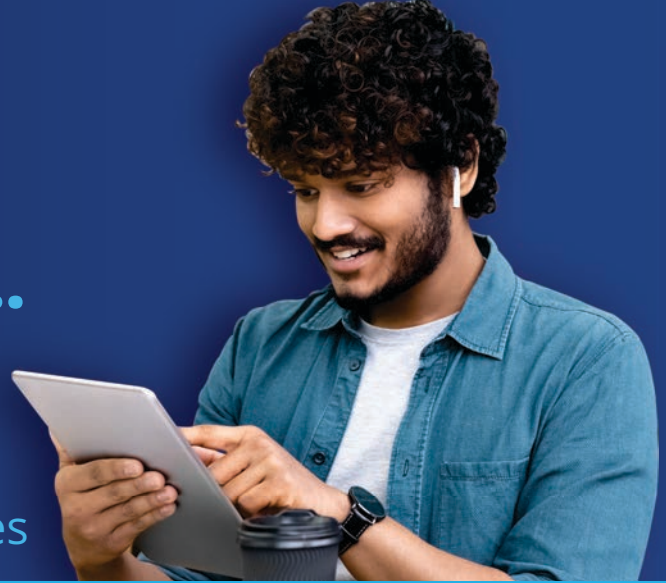
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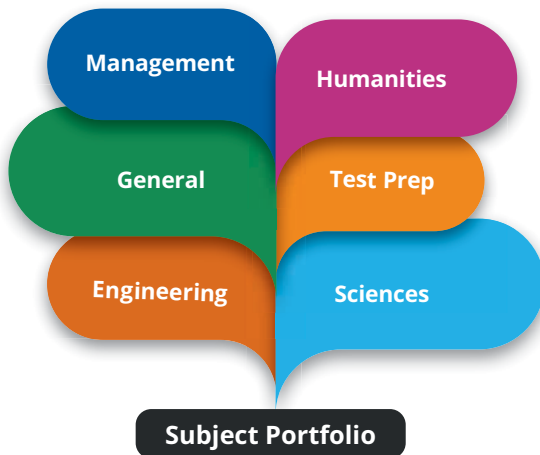
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