

WILEY



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

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Wiley Academic Catalog

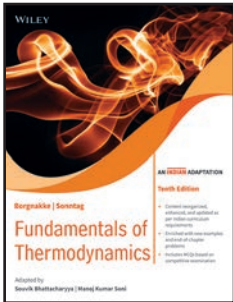
2024

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## AERONAUTICS / AEROSPACE ENGINEERING



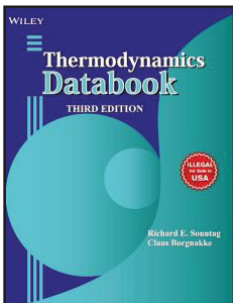
### Fundamentals of Thermodynamics, 10ed, An Indian Adaptation | IM | e | k

**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 | ₹ 1069



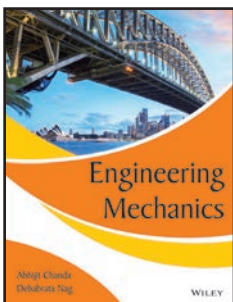
### Thermodynamics Databook, 3ed

**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 | ₹ 319



### Engineering Mechanics | e | k

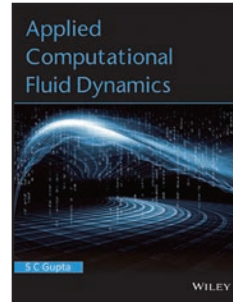
**Chanda**

#### Description

• Statics • Dynamics

9788126570935 | ₹ 679

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



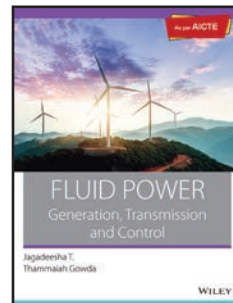
### Applied Computational Fluid Dynamics | e | k

**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 | ₹ 729



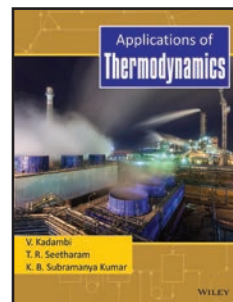
### Fluid Power: Generation, Transmission and Control: As per AICTE | e

**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 | ₹ 889



### 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 | ₹ 699

Prices are subject to change without prior notice.



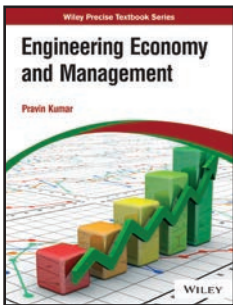
## Quality Control | e | k

**Kulkarni**

### Description

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

9788126519071 | ₹ 809



## 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 | ₹ 809



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

**Meriam**

### Description

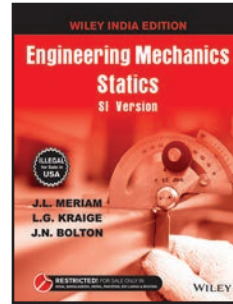
This text continues to help students develop their problem-solving skills with an extensive variety of engaging problems related to engineering design. It effectively demonstrates both the cohesiveness of the relatively few fundamental ideas and the great variety of problems

which these few ideas will solve.

9789354248566 | ₹ 1259

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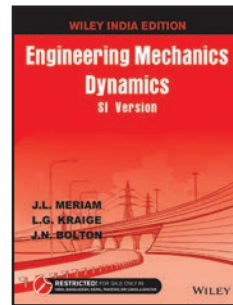
## Engineering Mechanics: Statics, SI Version | IM | e

**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 | ₹ 1009



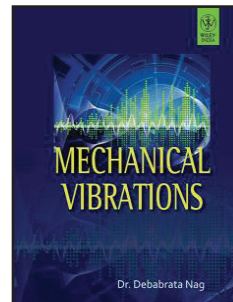
## Engineering Mechanics: Dynamics, SI Version | e

**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 | ₹ 1009



## Mechanical Vibrations | IM | e | k

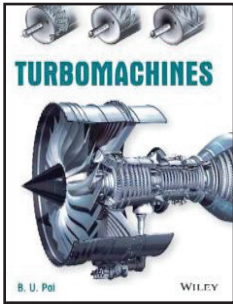
**Nag**

### Description

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

9788126530908 | ₹ 859

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

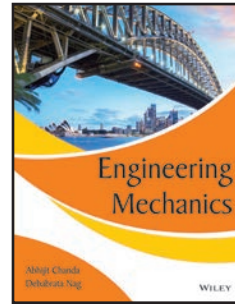


### Turbomachines | IM | e | k

**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.



### Engineering Mechanics | e | k

**Chanda**

**Description**

• Statics • Dynamics

9788126539550 | ₹ 779

9788126570935 | ₹ 679

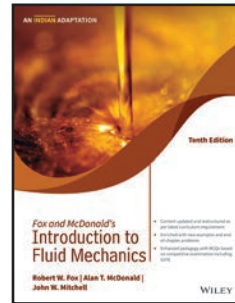


### Disaster Management, 2ed | New | e | k

**Pandey**

**Description**

• Disaster Management: A Prologue • Disaster Management Cycle: Practical Applications • Contemporary Issues and Challenges in Disaster Management



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

**Fox**

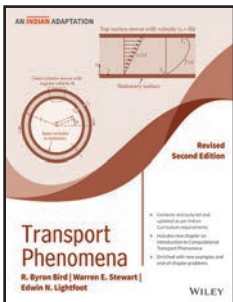
**Description**

• 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

9789357461610 | ₹ 869

9789354641077 | ₹ 1109

## CHEMICAL ENGINEERING

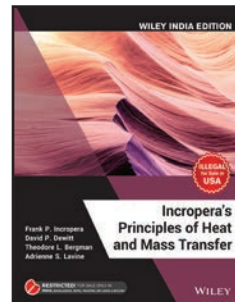


### Transport Phenomena, Revised 2ed, An Indian Adaptation | IM | BS | e | k

**Bird**

**Description**

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



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

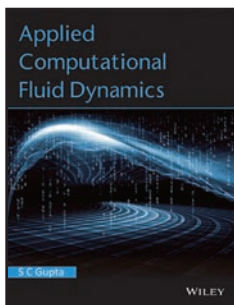
**Incropera**

**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

9789354244452 | ₹ 979

9788126578245 | ₹ 1119



## Applied Computational Fluid Dynamics | e | k

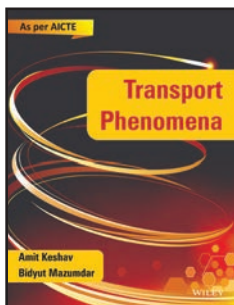
**Gupta**

### 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 | ₹ 729



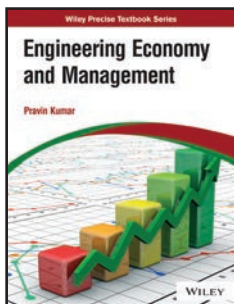
## Transport Phenomena : As per AICTE | IM | e | k

**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 | ₹ 559



## Engineering Economy and Management | e | k

**Kumar**

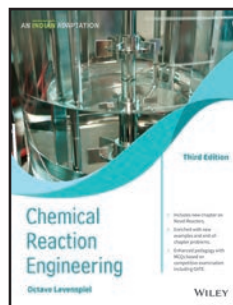
### Description

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

9788126579921 | ₹ 809

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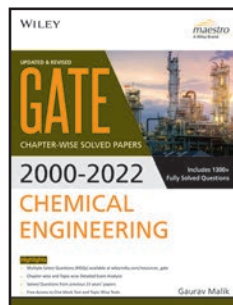
## Chemical Reaction Engineering, 3ed, An Indian Adaptation | IM | BS | e | k

**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 | ₹ 1069



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

**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 | k

**Meriam**

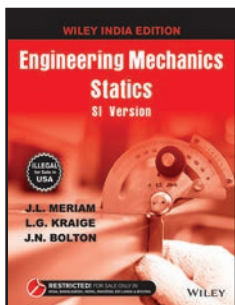
### Description

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 | ₹ 1259

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



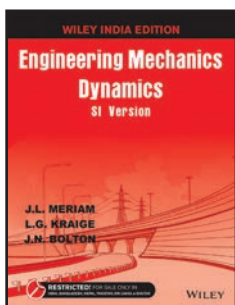
## Engineering Mechanics: Statics, SI Version | IM | e

**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 | ₹ 1009



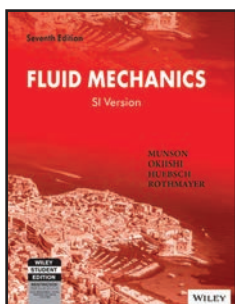
## Engineering Mechanics: Dynamics, SI Version | e

**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 | ₹ 1009



## 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 | ₹ 1169

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



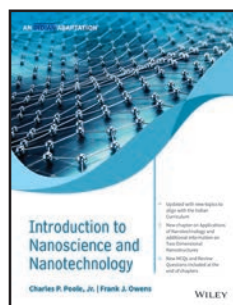
## Disaster Management, 2ed | New | e | k

**Pandey**

### Description

• Disaster Management: A Prologue • Disaster Management Cycle: Practical Applications • Contemporary Issues and Challenges in Disaster Management

9789357461610 | ₹ 869



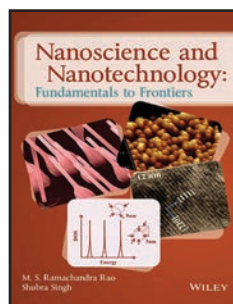
## Introduction to Nanoscience and Nanotechnology, An Indian Adaptation | e | k

**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 | ₹ 949



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

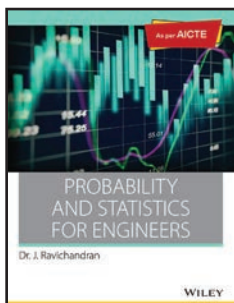
**Rao**

### 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 | ₹ 809

Prices are subject to change without prior notice.



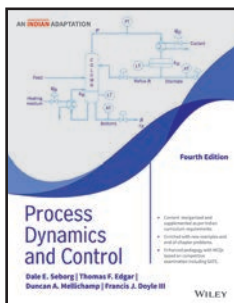
## Probability and Statistics for Engineers: As per AICTE | IM | e

**Ravichandran**

### Description

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

9788126512348 | ₹ 869



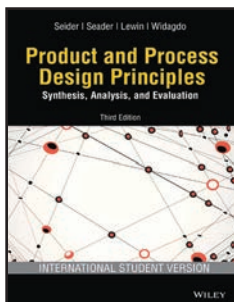
## Process Dynamics and Control, 4ed An Indian Adaptation | IM | e | k

**Seborg**

### Description

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

9789354248429 | ₹ 1029



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

**Seider**

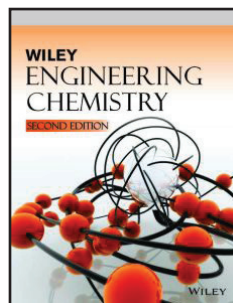
### Description

• 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 | ₹ 1279

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

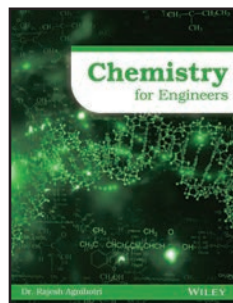
**Wiley Editorial Team**

### 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 | ₹ 879

## CIVIL ENGINEERING



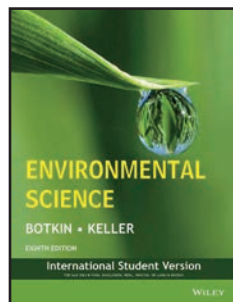
## Chemistry for Engineers | e | k

**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 | ₹ 649



## Environmental Science, 8ed, ISV | e

**Botkin**

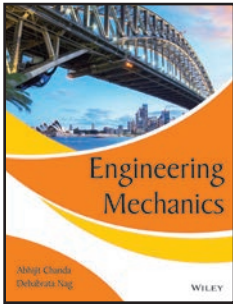
### Description

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 | ₹ 1199

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



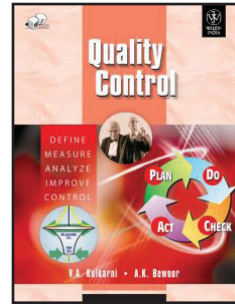


## Engineering Mechanics | e | k

**Chanda**

**Description**

• Statics • Dynamics



## Quality Control | e | k

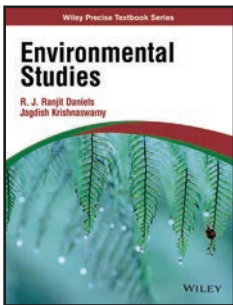
**Kulkarni**

**Description**

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

9788126570935 | ₹ 679

9788126519071 | ₹ 809



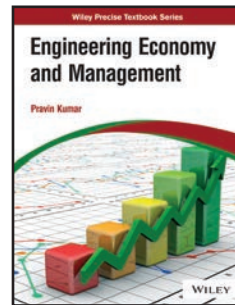
## Environmental Studies | e | k

**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



## Engineering Economy and Management | e | k

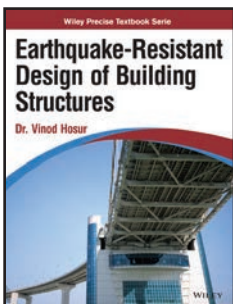
**Kumar**

**Description**

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

9788126519439 | ₹ 609

9788126579921 | ₹ 809

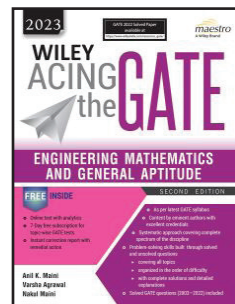


## Earthquake-Resistant Design of Building Structures | e | k

**Hosur**

**Description**

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



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

**Maini**

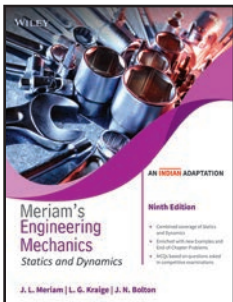
**Description**

• Linear Algebra • Calculus • Differential Equations • Complex Variables • Probability and Statistics • Numerical Methods • Mathematical Logic • Set Theory and Algebra • Combinatorics • 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 | ₹ 859

9788126538591 | ₹ 819



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

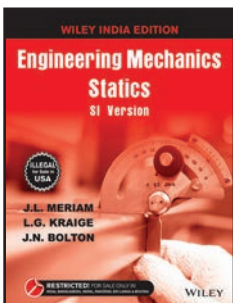
**Meriam**

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9789354248566 | ₹ 1259



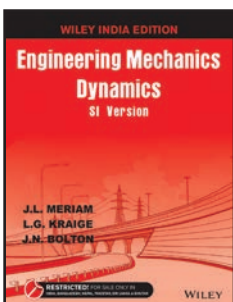
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9788126564033 | ₹ 1009



## Engineering Mechanics: Dynamics, SI Version | e

**Meriam**

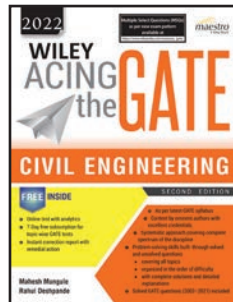
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9788126565375 | ₹ 1009

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

**Mungule**

### 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 | ₹ 1029



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

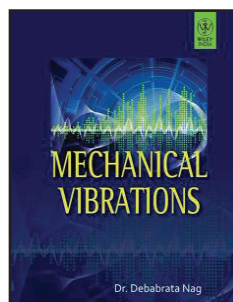
**Mungule**

### 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

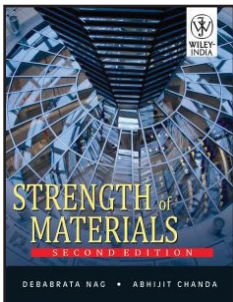
**Nag**

### Description

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

9788126530908 | ₹ 859

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



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

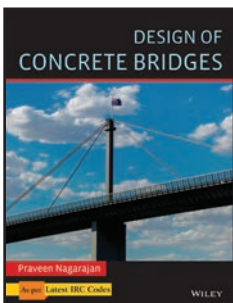
**Nag**

### 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 | ₹ 859



## 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 | ₹ 549



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

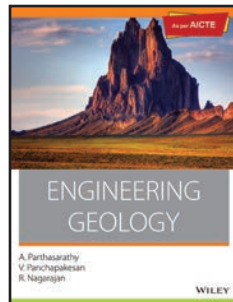
**Pandey**

### Description

• Disaster Management: A Prologue • Disaster Management Cycle: Practical Applications • Contemporary Issues and Challenges in Disaster Management

9789357461610 | ₹ 869

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



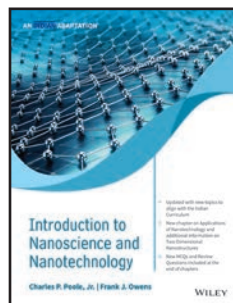
## Engineering Geology: As per AICTE | e

**Parthasarathy**

### Description

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

9788126509461 | ₹ 909



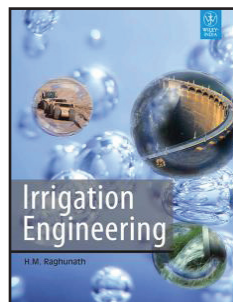
## Introduction to Nanoscience and Nanotechnology, An Indian Adaptation | e | k

**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 | ₹ 949



## Irrigation Engineering | e | k

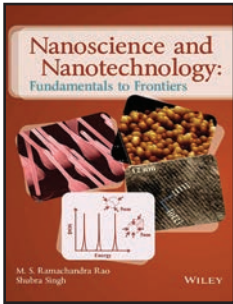
**Raghunath**

### Description

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

9788126528813 | ₹ 879

Prices are subject to change without prior notice.



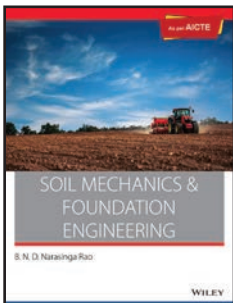
## Nanoscience and Nanotechnology: Fundamentals of Frontiers | e | k

**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 | ₹ 809



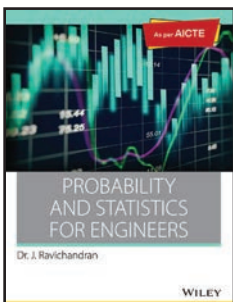
## Soil Mechanics and Foundation Engineering: As per AICTE

**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 | ₹ 909



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

**Ravichandran**

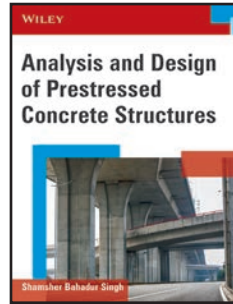
### Description

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

9788126512348 | ₹ 869

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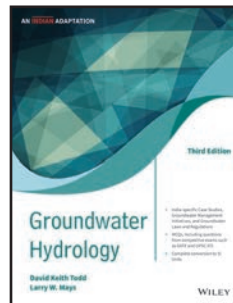
## Analysis and Design of Prestressed Concrete Structures | e | k

**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 | ₹ 1069



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

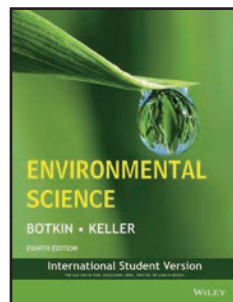
**Todd**

### 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

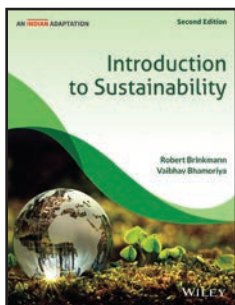
**Botkin**

### 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 | ₹ 1199

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



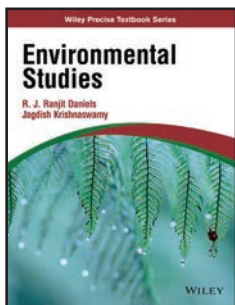
## Introduction to Sustainability, 2ed, An Indian Adaptation | New | e

**Brinkmann, Bhamoriya**

### Description

• Roots of the Modern Sustainability Movement • Understanding Natural Systems • Measuring Sustainability • Energy • Global Climate Change and Greenhouse Gas Management • Water • Food and Agriculture • Green Building • Transportation • Pollution and Waste • Environmental Justice • Sustainability Planning and Governance • Sustainability, Economics, and the Global Commons • Corporate and Organizational Sustainability Management • Sustainability at Universities, Colleges, and Schools\* (Available online)

9789357466356 | ₹ 999



## Environmental Studies | e | k

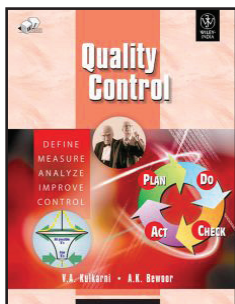
**Daniels**

### 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 | ₹ 609



## Quality Control | e | k

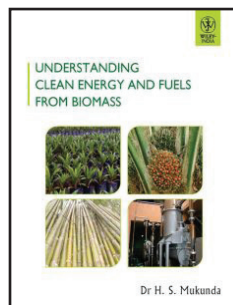
**Kulkarni**

### Description

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

9788126519071 | ₹ 809

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



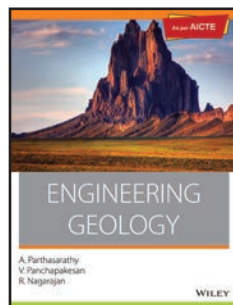
## Understanding Clean Energy and Fuels from Biomass | e | k

**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 | ₹ 949



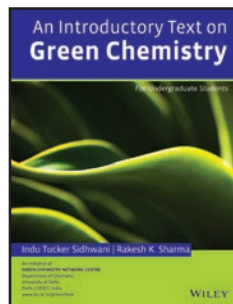
## Engineering Geology: As per AICTE | e

**Parthasarathy**

### Description

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

9788126509461 | ₹ 909



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

**Sidhwani**

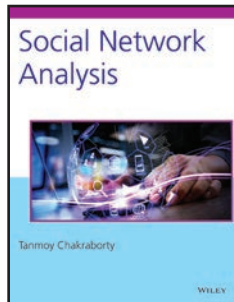
### Description

• 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 | ₹ 499

Prices are subject to change without prior notice.

## ENGINEERING SPECIAL TOPICS



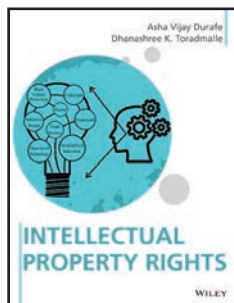
### Social Network Analysis | e | k

**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 | ₹ 949



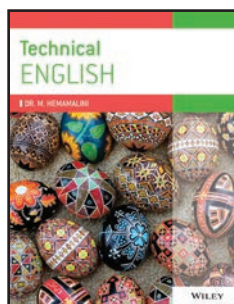
### Intellectual Property Rights | e | k

**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 | ₹ 469



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

**Hemamalini**

**Description**

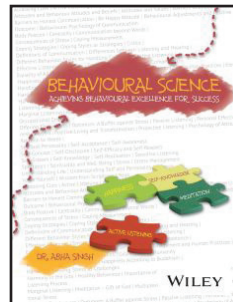
• Vocabulary • Grammar • Writing • Reading • The e-English Listening • Speaking • Modules 1 & 2: Ear Training • Module 3: Conversations • Module 4: Process Description • Module 5: Event Description • Module 6: Academic Discussions • Module 7: Debates • Module 8: Classroom Interaction

• Module 9: News Analysis

9788126549115 | ₹ 629

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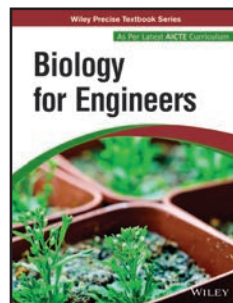
### Behavioural Science: Achieving Behavioural Excellence for Success | e | k

**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 | ₹ 629



### 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 | ₹ 429



### Technical Communication | e | k

**Wiley Editorial Team**

**Description**

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

9788126579891 | ₹ 629

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



## Wiley Acing the Interviews | e | k

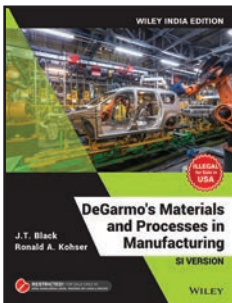
**Wiley Editorial Team**

**Description**

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

9789390395514 | ₹ 479

## INDUSTRIAL ENGINEERING



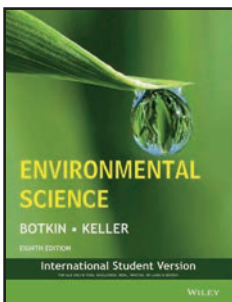
## DeGarmo's Materials and Processes in Manufacturing, SI Version, Wiley India Edition | IM | e

**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 | ₹ 1199



## Environmental Science, 8ed, ISV | e

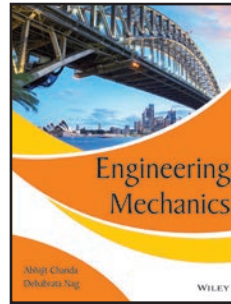
**Botkin**

**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 | ₹ 1199

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



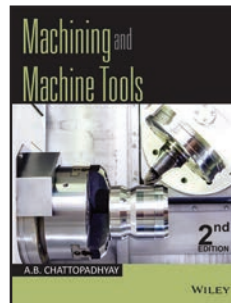
## Engineering Mechanics | e | k

**Chanda**

**Description**

• Statics • Dynamics

9788126570935 | ₹ 679



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

**Chattopadhyay**

**Description**

• Machining • Machine Tools

9788126564743 | ₹ 899



## 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 | ₹ 1159

Prices are subject to change without prior notice.



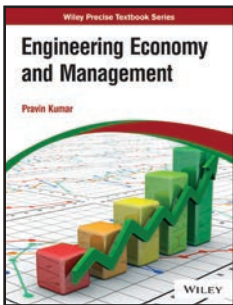
## Quality Control | e | k

**Kulkarni**

### Description

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

9788126519071 | ₹ 809



## 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 | ₹ 809



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

**Meriam**

### Description

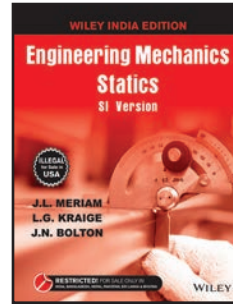
This text continues to help students develop their problem-solving skills with an extensive variety of engaging problems related to engineering design. It effectively demonstrates both the cohesiveness of the relatively few fundamental ideas and the great variety of problems

which these few ideas will solve.

9789354248566 | ₹ 1259

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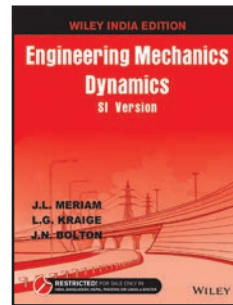
## Engineering Mechanics: Statics, SI Version | IM | e

**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 | ₹ 1009



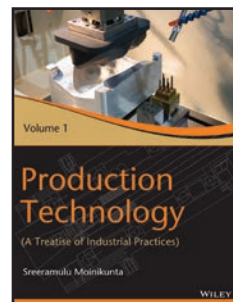
## Engineering Mechanics: Dynamics, SI Version | e

**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 | ₹ 1009



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

**Moinikunta**

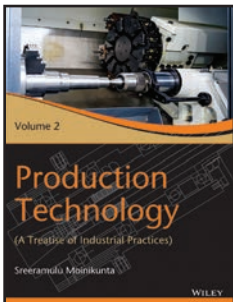
### Description

• 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 | ₹ 599

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





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

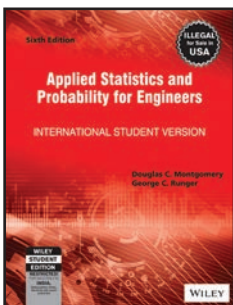
**Moinikunta**

### 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 | ₹ 649



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

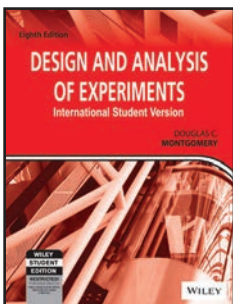
**Montgomery**

### 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 | ₹ 999



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

**Montgomery**

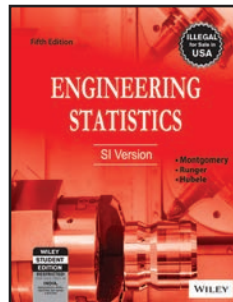
### Description

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 | ₹ 1009

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



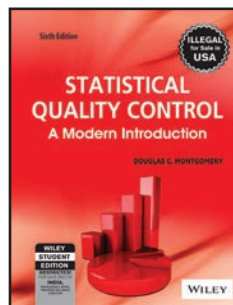
## Engineering Statistics, 5ed, SI Version | IM | e

**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 | ₹ 809



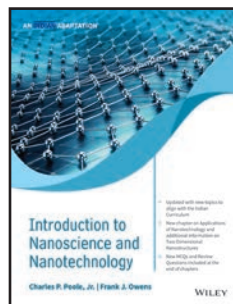
## Statistical Quality Control: A Modern Introduction, 6ed | IM | BS

**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 | ₹ 999



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

**Poole**

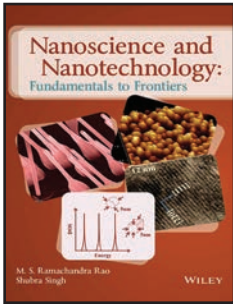
### Description

• 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 | ₹ 949

Prices are subject to change without prior notice.



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

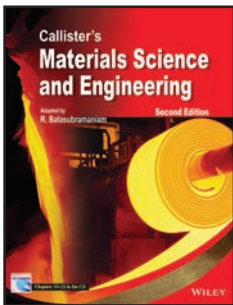
**Rao**

### 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 | ₹ 809

## MATERIAL SCIENCE



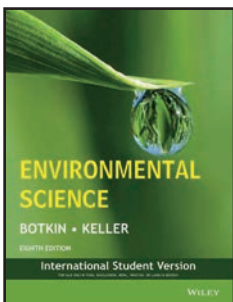
## Callister's Materials Science and Engineering, 2ed, w/cd | IM | BS | e

**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 | ₹ 1159



## Environmental Science, 8ed, ISV | e

**Botkin**

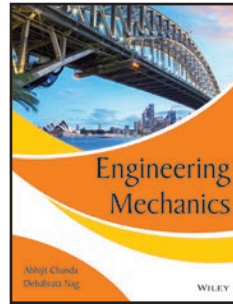
### Description

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 | ₹ 1199

16

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## Engineering Mechanics | e | k

**Chanda**

### Description

• Statics • Dynamics

9788126570935 | ₹ 679



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

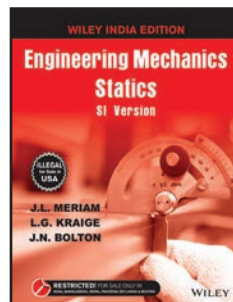
**Meriam**

### 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 | ₹ 1259



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

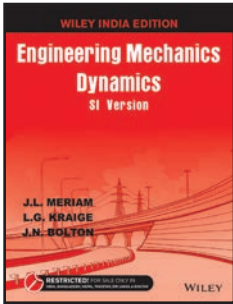
**Meriam**

### 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 | ₹ 1009

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



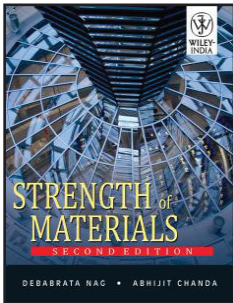
## Engineering Mechanics: Dynamics, SI Version | e

**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 | ₹ 1009



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

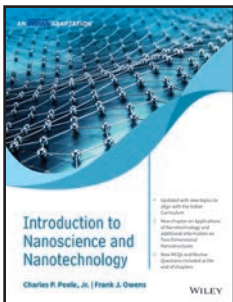
**Nag**

### 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 | ₹ 859



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

**Poole**

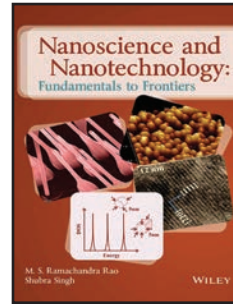
### Description

• 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

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

9789354240201 | ₹ 949

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



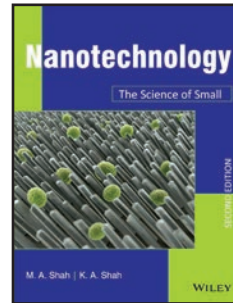
## Nanoscience and Nanotechnology: Fundamentals of Frontiers | e | k

**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 | ₹ 809



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

**Shah**

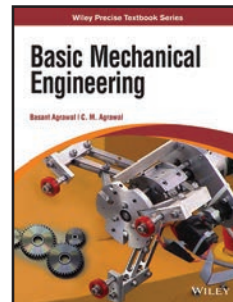
### Description

• 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

Initiatives and Future Prospectives

9788126579976 | ₹ 659

## MECHANICAL ENGINEERING



## Basic Mechanical Engineering | e | k

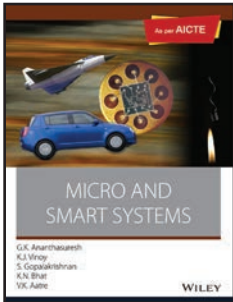
**Agrawal**

### 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 | ₹ 629

Prices are subject to change without prior notice.



## Mirco and Smart Systems: As per AICTE

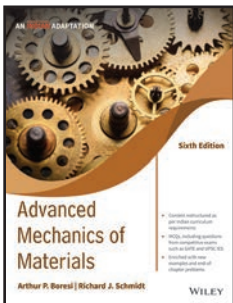
**Ananthasuresh**

### 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 | ₹ 949



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

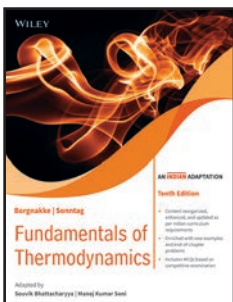
**Boreasi**

### 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

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

9788194726395 | ₹ 889



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

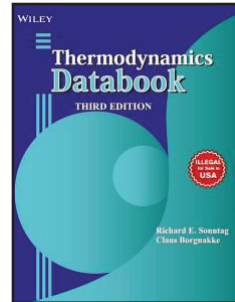
**Borgnakke, Bhattacharyya, Soni**

### 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 | ₹ 1069



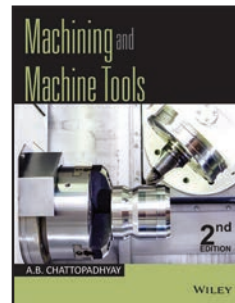
## Thermodynamics Databook, 3ed

**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 | ₹ 319



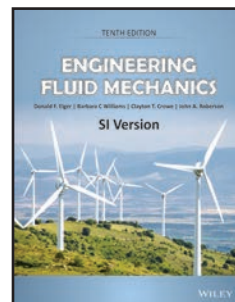
## Machining and Machine Tools, 2ed, w/cd | e | k

**Chattopadhyay**

### Description

• Machining • Machine Tools

9788126564743 | ₹ 899



## 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 | ₹ 1119

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



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

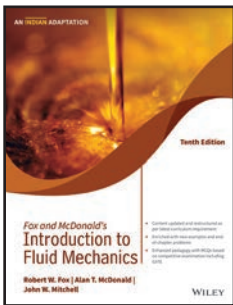
**Fradin**

### 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 | k

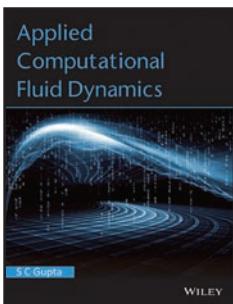
**Fox**

### 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 | ₹ 1109



## Applied Computational Fluid Dynamics | e | k

**Gupta**

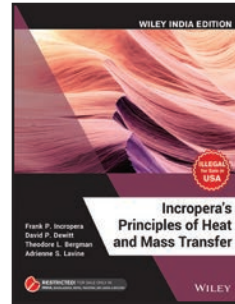
### Description

• 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 | ₹ 729

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



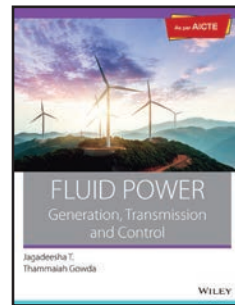
## Incropera's Principles of Heat and Mass Transfer, Wiley India Edition | IM | BS | e

**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 | ₹ 1119



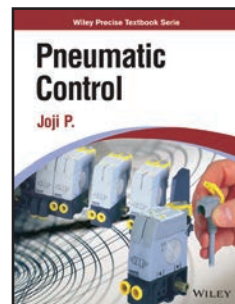
## Fluid Power: Generation, Transmission and Control: As per AICTE | e

**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 | ₹ 889



## Pneumatic Controls | e | k

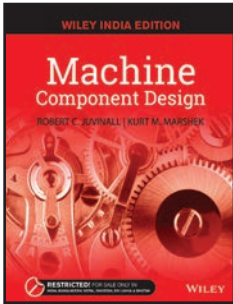
**Joji**

### 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.

9788126515424 | ₹ 719

Prices are subject to change without prior notice.

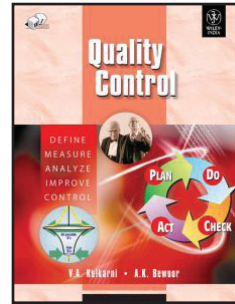


## Machine Component Design | e

**Juvinall**

**Description**

• Fundamentals • Applications



## Quality Control | e | k

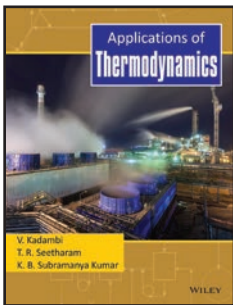
**Kulkarni**

**Description**

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

9788126559732 | ₹ 1229

9788126519071 | ₹ 809



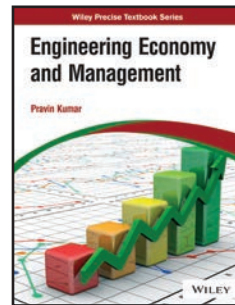
## Applications of Thermodynamics | IM | e | k

**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



## Engineering Economy and Management | e | k

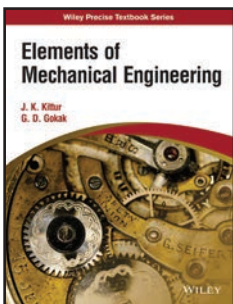
**Kumar**

**Description**

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

9788126571246 | ₹ 699

9788126579921 | ₹ 809

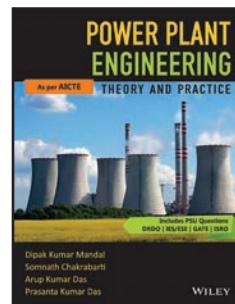


## Elements of Mechanical Engineering | e | k

**Kittur**

**Description**

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



## 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

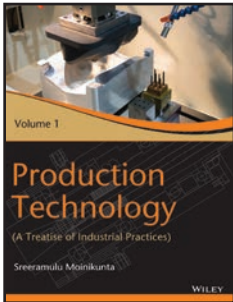
9788126553037 | ₹ 599

9788126579754 | ₹ 809

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



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

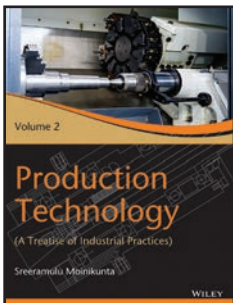
**Moinikunta**

### 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 | ₹ 599



## 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 | ₹ 649



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

**Meriam**

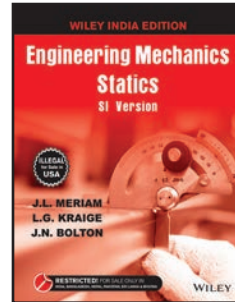
### Description

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 | ₹ 1259

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



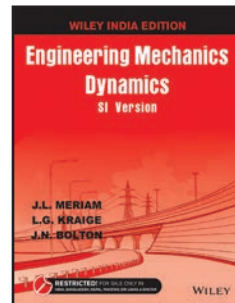
## Engineering Mechanics: Statics, SI Version | IM | e

**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 | ₹ 1009



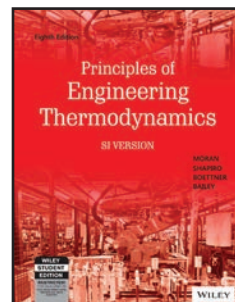
## Engineering Mechanics: Dynamics, SI Version | e

**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 | ₹ 1009



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

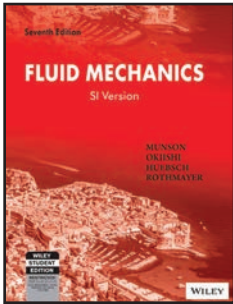
**Moran**

### 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 | ₹ 969

Prices are subject to change without prior notice.



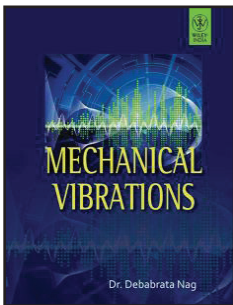
## Fluid Mechanics , SI Version, 7ed | IM | e

**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 | ₹ 1169



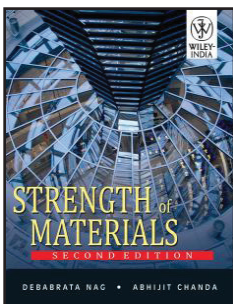
## Mechanical Vibrations | IM | e | k

**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 | ₹ 859



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

**Nag**

### Description

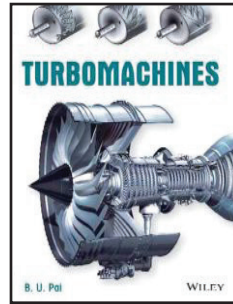
The subject lays the ground for various Engineering subjects, ranging from Machine Design, Finite-Element Analysis, Theory of Structures, Bio-Mechanics, and Fracture Mechanics. In this book, the topics are broadly divided into two parts: Elementary Strength of Materials

and Advanced Strength of Materials

9788126534876 | ₹ 859

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## 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 | ₹ 779



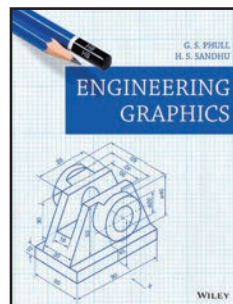
## Mechanics of Materials, SI Version, 5ed, An Indian Adaptation | IM | e | k

**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 | ₹ 1239



## Engineering Graphics | k

**Phull**

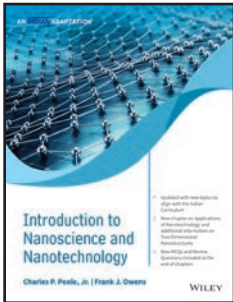
### Description

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 | ₹ 729

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





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

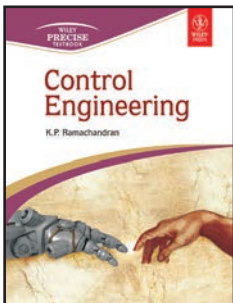
**Poole**

### 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 | ₹ 949



## 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 | ₹ 809



## 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

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



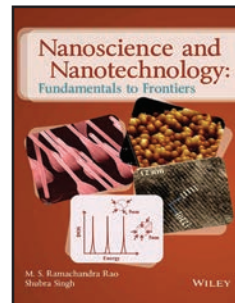
## Mechatronics: As per AICTE w/cd | e

**Ramachandran**

### Description

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

9788126540402 | ₹ 999



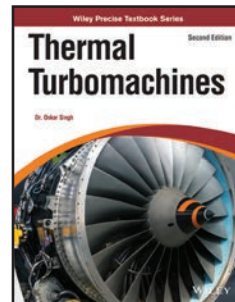
## Nanoscience and Nanotechnology: Fundamentals to Frontiers | e | k

**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 | ₹ 809



## Thermal Turbomachines, 2ed | e | k

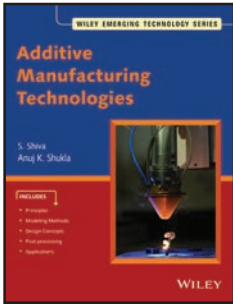
**Singh**

### Description

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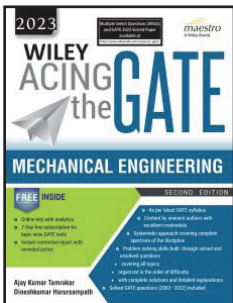
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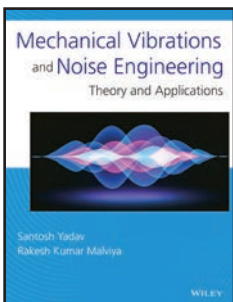
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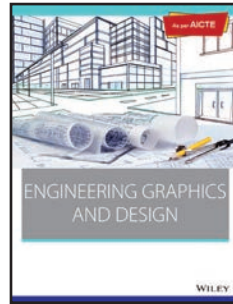
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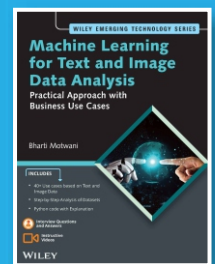
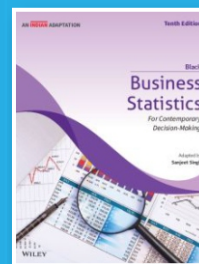
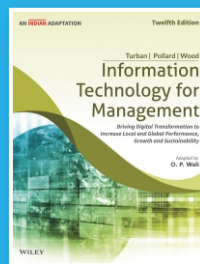
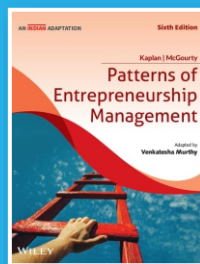
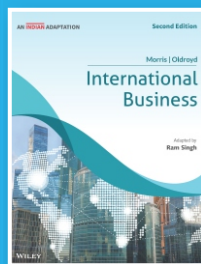
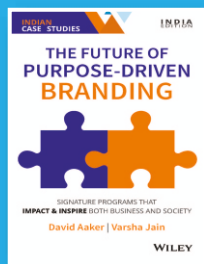
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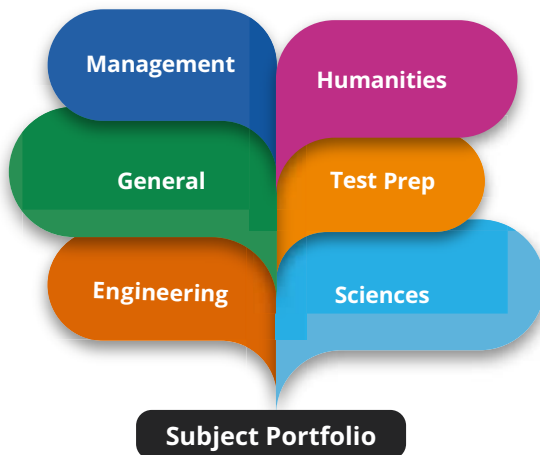
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