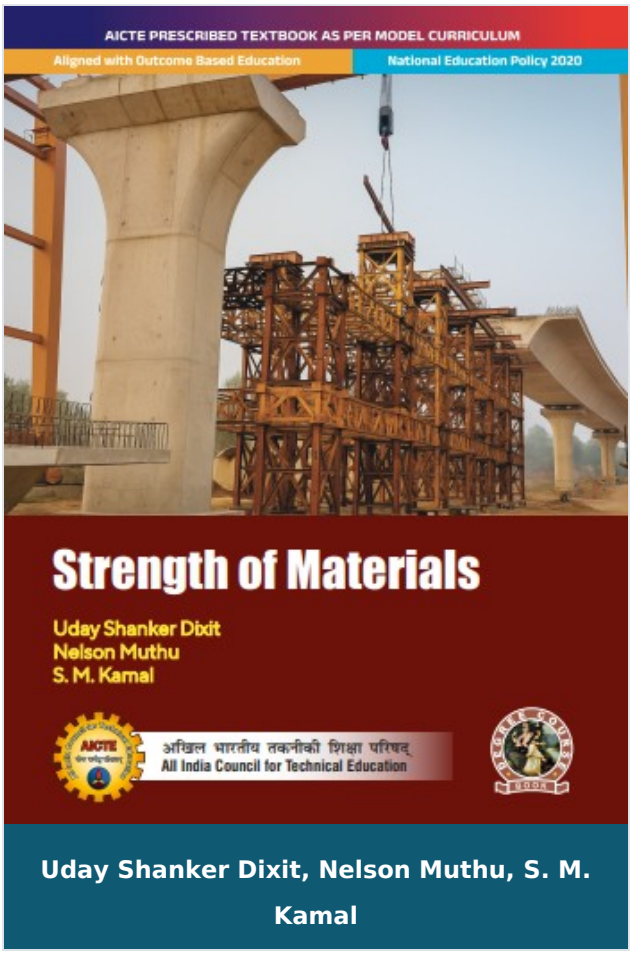

Strength of Materials

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Product Description

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This book on Strength of Materials follows so-called engineer's approach. It is a suitable book for one-semester first course on Solid Mechanics or Strength of Materials for undergraduate students of engineering. The uniqueness of the book is that basic concepts have been covered in a lucid manner such that students can also be prepared to study a course on theory of elasticity (so-called mathematician's approach) in later classes. There are sufficient number of exercise problems in this book, which prepare students to become practicing engineer or a researcher. The book also contains multiple choice questions. Content of the book, examples and exercise problems have been optimized. Thus, the learning output to effort ratio can be enhanced with the support of this book.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
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- Student and teacher centric subject materials included in book with balanced and chronological manner.
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- Apart from essential information a 'Know More' section is also provided in each unit to extend the learning beyond syllabus.

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Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Stresses and strains
- Compound stresses and strains
- Shear force and bending moment diagrams
- Bending stresses
- Shear stresses in beams
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- Torsion of circular shafts
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- Index

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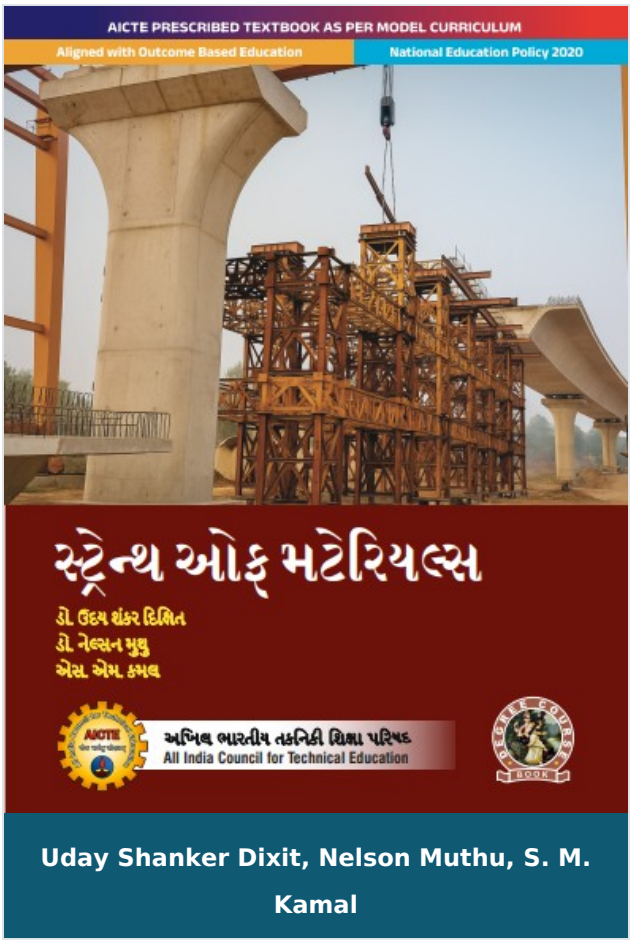

Uday Shanker Dixit, Nelson Muthu, S. M. Kamal

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Table Of Contents

- Foreword
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- Guidelines for Students
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