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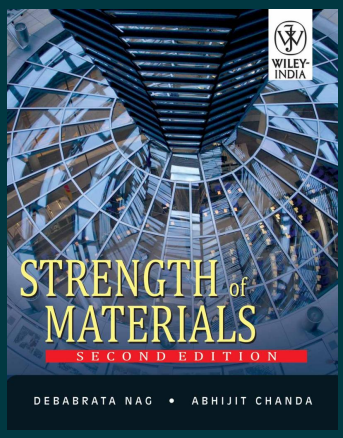


# Strength of Materials, 2ed

By Debabrata Nag, Abhijit Chanda

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## 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, thereby progressing from basic fundamentals to detailed analysis. The first eight chapters deal with basic concepts of strengths of materials such as theories of stress and strain, torsion, deflection and buckling of columns. The remaining chapters deal with the advanced topics such as advanced theories of stress and strain, energy principles, failure theories, theories of curved and continuous beams, unsymmetric or asymmetric bending.

## About the Author

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