



# Introduction to Machine Design

## **Recommended Books:**

- Machine Design, An Integrated Approach, by Robert L Norton
- Mechanical Engineering Design by Joseph Shigley
- Design of Machine Elements by M.F. Spotts

## Contents

- What is machine design
- Prerequisites of the subject
- Design process
- Design stages
- Major areas in Machine Design
- CAD and CAE
- Basics of mechanics of materials
- Factor of safety

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**Y Pai**

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