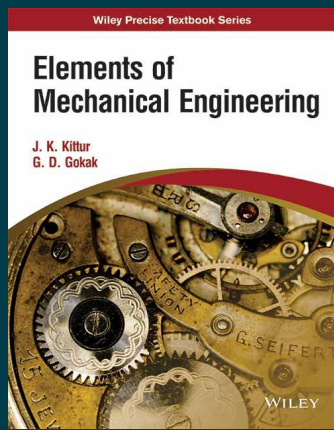


**WILEY**

# Elements of Mechanical Engineering

By J.K. Kittur, G.D. Gokak

**Paperback**

ISBN: 9788126553037

Publication: [ NOT PROVIDED ] *publication\_date*

Page Count: 296 pages

**₹639.00**

## • Description

This book, Elements of Mechanical Engineering, is a wonderful compendium comprising all the ingredients required by an engineering student of any discipline. In the present age of interdisciplinary significance, understanding the fundamentals of other related branches is extremely important and the authors have succeeded with the content written in lucid and simple manner. This book is designed in accordance with the recent revision in the syllabus by Visvesvaraya Technological University. Most of the core streams of Mechanical Engineering, viz., Thermal Engineering, Material Sciences and Manufacturing Sciences including latest technologies such as CNC, Robotics, Automation, etc. have been addressed with a perfect balance.

## • About the Author

**J.K. Kittur, G.D. Gokak**

Dr. Jayant K. Kittur is presently working as Professor with Department of Industrial and Production Engineering

## • Table of Contents

Foreword

Preface

Module I

Chapter 1 Energy Resources

Chapter 2 Steam Formation and Properties of Steam

Chapter 3 Steam Boilers

Module II Turbines and IC Engines and Pumps

Chapter 4 Steam Turbines

Chapter 5 Gas Turbines

Chapter 6 Hydraulic Turbines

Chapter 7 Internal Combustion Engines

Module III Machine Tools, Robotics and Automation

Chapter 8 Machine Tool Operations

Chapter 9 Robotics

Chapter 10 Automation

Chapter 11 NC and CNC Machines

Module IV Engineering Materials and Joining Processes

Chapter 12 Ferrous and Non-Ferrous Metals

Chapter 13 Composites

Chapter 14 Welding, Brazing and Soldering

Module V Refrigeration, Air Conditioning

Chapter 15 Refrigeration and Air Conditioning

Appendix

Bibliography

Model Question Paper

Model Question Paper

---

**To purchase this product, please visit:**

<https://wiley.indiafin.com/elements-of-mechanical-engineering.html>



Scan to buy