



## Strength of Materials

<b>Author :</b>	Sadhu Singh
<b>ISBN 13 :</b>	978-93-81068-80-9
<b>ISBN 10 :</b>	93-81068-80-1
<b>E-ISBN 13 :</b>	978-93-81068-80-9
<b>Edition :</b>	First
<b>Pages :</b>	600
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	800.00
<b>Year :</b>	2021
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>Regular Price :</b>	Rs 425.00
<b>Sale Price :</b>	Rs 340.00
<b>Categories :</b>	<a href="#">All books</a> , <a href="#">Civil Engineering</a> , <a href="#">Mechanical Engineering</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

This book is a textbook for the B.E./B. Tech. students of UP technical University, Lucknow and Uttarakhand Technical University, Dehradun. The book has been written as per the new syllabus of these Universities. The subject matter has been explained in the simplest possible way for easy assimilation by the students. This has been reinforced by a large number of solved examples. A large number of solved examples, short answer type questions chapter wise. Unsolved end-of chapter exercises.



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## Table of Contents

---

**Chapter 1:** Compound Stresses and Strains. **Chapter 2:** Theories of Failure. **Chapter 3:** Three Dimensional Stresses and Strains. **Chapter 4:** Stresses in Beams. **Chapter 5:** Deflection of Beams. **Chapter 6:** Fixed and Continues Beams. **Chapter 7:** Torsion of Shafts. **Chapter 8:** Columns and Struts. **Chapter 9:** Helical and Leaf Springs. **Chapter 10:** Thin Cylinders and Spheres. **Chapter 11:** Thick Cylinders and Spheres. **Chapter 12:** Rotating Dics and Cylinders. **Chapter 13:** Curved Beams. **Chapter 14:** Unsymmetrical Bending. **Appendix -I Appendix-II**

---

## Author

---

**Sadhu Singh** Dr. Sadhu Singh is a retired professor of Mechanical Engineering of Govind Ballabh Pant university of Agriculture & Technology, Pantnagar. He graduated in Mechanical Engineering with Hons, from Punjab University, Chandigarh, M.Sc. (Mechanical Design & Production Engineering) and Ph.D. from Kurukshetra University, Kurukshetra. His teaching experience spans 15 years at Regional Engineering College (now NIT), Kurukshetra and 19 years at Pantnagar University. He has been Professor & Head, Mechanical Engineering Department and Dean, Faculty of Engineering & Technology at Pantnagar. He has been Director (Colleges). Punjab Technical University, Jalandhar.

---

