



## Fluid Machinery (Hydraulic Machines)

<b>Author :</b>	Sadhu Singh
<b>ISBN 13 :</b>	978-93-82609-28-5
<b>ISBN 10 :</b>	93-82609-28-8
<b>E-ISBN 13 :</b>	978-93-82609-28-5
<b>Edition :</b>	1
<b>Pages :</b>	480
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	617.00
<b>Year :</b>	2025
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>Regular Price :</b>	Rs 475.00
<b>Sale Price :</b>	Rs 380.00
<b>Categories :</b>	<a href="#">All books</a> , <a href="#">Mechanical Engineering</a> , <a href="#">UNIVERSITY RECOMMENDED</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

This is a text book for B.E./ B. Tech. students of all Indian Universities and Institutions. The book contains fifteen chapters. The book contains a large number of solved and unsolved problems. The special features of the book are: summery, Review Question, Multi-choice Questions and end of chapter numerical problems.



**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:** Basic Concepts of Fluid Machinery. **Chapter 2:** Whirling of Fluids. **Chapter 3:** Hydro Power Generation Fundamentals. **Chapter 4:** Unit and Specific Quantities. **Chapter 5:** Pelton Turbine. **Chapter 6:** Francis Turbine. **Chapter 7:** Kaplan Turbine. **Chapter 8:** Draft Tube and Cavitation. **Chapter 9:** Governing, Selection and Performance of Hydraulic Turbines. **Chapter 10:** Reciprocating Pumps. **Chapter 11:** Centrifugal Pump. **Chapter 12:** Fluid Devices and Systems. **Chapter 13:** Fluid Laboratory Practice. **Chapter 14:** Conventional Questions From IES. **Chapter 15:** Multi-Choice Questions From IES. **Subject Index**

---

## 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.

---

