



Fluid Machinery (Hydraulic Machines)

Author Sadhu Singh

ISBN 13: 978-93-82609-28-5

ISBN 10: 93-82609-28-8

E-ISBN 978-93-82609-28-5

Edition: 1

Pages: 480

Type of book : Paperback

Weight (g): 617.00

Year: 2019

Language English

Publisher Khanna

Price: Rs 299.25

Categories RECOMMENDED, Mechanical Engineering,

Khanna Publishing House

Condition Type :

Country Origin: 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.



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: Peleton 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 Departmentand Dean, Faculty of Engineering & Technology at Pantnagar. He has been Director (Colleges). Punjab Technical University, Jalandhar.

