

HYDRAULIC MACHINES

Hydraulic Machines use liquid fluid power to perform work. The laboratory is equipped with number of equipments and experimental setups to study the fundamental and applied aspects of fluid mechanics. It introduces practical knowledge on behaviour of fluids. Hydraulic Impulse and Reaction type Turbines, Centrifugal and Reciprocating pumps and Flow measuring equipment are some of the example of the equipment in this lab.

The facilities available in laboratory include:

1. Variable Speed Centrifugal Pump Test Rig
2. Variable Speed Reciprocating Pump Test Rig
3. Gear Pump Test Rig (Oil Pump)
4. Pelton Wheel Turbine Test Rig
5. Francis Turbine Test Rig
6. Kaplan Turbine Test Rig