

FLUID MACHINERY LAB

Name of Lab In charge I/II : Er. Prem Singh/ Er. Harnam Singh Farwaha

Name of Lab Technician : Mr. Balbir Singh/ Mr. Rakesh Kumar

Name of Lab Attendant : Mr. Sarbjeet Singh

List of Major Equipment's / Software's:

1. Pelton Turbine
2. Francis Turbine / Kaplan Turbine
3. Centrifugal Pump Test Rig
4. Reciprocating Pump
5. Centrifugal Blower Test Rig
6. Adjustable Tilting Flume

EQUIPMENT BEYOND THE SYLLABUS

1. Turgo Impulse Turbine
2. Open Circuit Wind Tunnel
3. Adjustable Tilting Flume

Floor Area: 243m²

Courses Undertaken in the Lab:

1. Hydraulic Machines Lab (ME - 14605) – 6th Semester.
2. Fluid Mechanics & Fluid Machinery Lab (PE - 14407) – 4th Semester.



Figure 1: Francis Turbine



Figure 2: Turgo Impulse Turbine



Figure 3: Pelton Turbine



Figure 4: Reciprocating Pump



Figure 5: Kaplan Turbine



Figure 6: Centrifugal Blower Test Rig



Figure 7: Adjustable Tilting Flume