

FLUID MECHANICS LAB

Name of Lab In charge : Er. Prem Singh
Name of Lab Technician : Mr. Balbir Singh
Mr. Gurpreet Singh
Name of Lab Attendant : Mr. Sarbjeet Singh
Mr. Bahadur Singh

List of Major Equipment's / Software's:

1. Hydraulic Ram
2. Bernoulli's Apparatus
3. Venturimeter
4. Notches
5. Fraction Through Pipes Apparatus
6. Orifice Plate / Mouthpieces for Hydraulic Coefficients
7. Adjustable Channel

Floor Area: 135m²

Courses Undertaken in the Lab:

1. Fluid Mechanics Lab - I (BTCE - 306) – 3rd Semester.
2. Fluid Mechanics & Fluid Machinery Lab (BTPE - 407) – 4th Semester.
3. Fluid Mechanics Lab (BTME - 406) – 4th Semester.



Figure 1: Pitot Tube Set Up



Figure 2: Bernoulli's Theorem Apparatus



Figure 3: Venturimeter



Figure 4: Friction Through Pipe Set Up



Figure 5: Adjustable Channel



Figure 6: Hydraulic Coefficient of Orifice Plate



Figure 7: Notch