

## Fluid Mechanics Lab

## **Major And Minor Losses In Pipes**



- Pump capacity: 0.25 to 1 Hp (as per need)
- Different Pipes: 1" GI, 1/2" GI, 1" UPVC, 1/2" UPVC (Customizable)
- Different connections: Sudden expansion, Sudden contraction, Elbow, Bend, Valve (Customizable)
- By-pass for Flow control
- All in one connections Mercury (Hg) filled U-tube manometer
- SS Measuring Tank with level indicator
- 50 Ltr water Storage Reservoir Tank
- MS powder coated Structure
- Modular Structure with wheels

## **Centrifugal Pump Test Rig**

- Centrifugal pump capacity: 0.5 to 2 Hp
- Transparent casing of pump for visualize cavitation and impeller
- Easy provision of impeller change
- Torque sensor, flow sensor, pressure sensor, temp. sensors
- Manual Control panel
- Fully automatic panel (optional)
- Data logging Via USB





## **Reciprocating Pump Test Rig**

- Reciprocating pump capacity: 0.5 to 5 Hp (customizable)
- Pressure regulating Gate valve
- Pressure gauges and Rotameter
- 50 Ltr Water storage tank
- Bypass valve for flow control
- Manual Control panel
- RPM indicator
- Energy Meter
- Modular structure with wheels





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