

Department of Civil Engineering

APPLIED HYDRAULICS LABORATORY

Lab location: Ground floor, Room No. 004

Area of the lab in carpet: 48.39 sq. meters.

Objectives: The mission of the Applied Hydraulics Laboratory at Terna Engineering College is to provide the high standards of learning to students. The faculties are committed to enhance the understandability of Applied Hydraulics Instruments to study the Hydraulic machine like Centrifugal pumps and turbines.

Strength: Lab is equipped with Advanced Equipment's.

List of Major Equipment:

1. Orifice and mouthpiece Apparatus
2. Notch apparatus
3. Fluid viscosity apparatus
4. Reynolds apparatus
5. Water hammer phenomenon apparatus
6. Impact of jet apparatus
7. Kaplan Turbine test apparatus
8. Multipurpose Tilting Flume 5m Long

Courses:

1. Applied Hydraulics (TE Sem-V)
2. Fluid Mechanics-II (SE SEM- IV)