

## FLUID MECHANICS & HYDRAULIC MACHINERY LAB

**FACULTY IN-CHARGE** : MR. KAUSHAL PRASAD

**SEATING CAPACITY** : 25 STUDENTS

**EXPERIMENTAL SET-UPS** :

<b>SR. NO.</b>	<b>DESCRIPTION OF EQUIPMENTS</b>
01.	Hydraulic Bench No.-01 a) Cd, Cv, Cc, of orifice & mouth pieces b) Impact of jet on vane. c) Reynolds's apparatus d) Metacentric height Hydraulic Bench No.-02 a) losses in pipe b) pipe friction c) venture meter & orifice d) Bernoulli's theorem
02	Pitot Tube
03	Mini Pelton Turbine
04	Reciprocating Pump
05	Model of Francis Turbine
06	Model of Pelton Turbine
07	Model of Kaplan Turbine
08	Francis Turbine Test Rig
09	Design & Fabrication Gear oil pump test rig
10	Centrifugal Pump with Motor
12	Kaplan Turbine Test Rig