

S. No	Name of the Equipment	Quantity (nos.)	Capacity	Purpose	Location	Prof. Incharge for the equipment
1	Airflow Bench- Drag force / Coefficient of Drag	1	Aerofoil & Cylinder drag measurement	Coefficient of Drag & lift measurement	Hydraulics Laboratory	Prof. T I Eldho
2	Kaplan Turbine	1	5HP	Turbine character		
3	Centrifugal Pump	1	3HP	Pump characteris		
4	Francis Turbine	1	5HP	Turbine character		
5	Pelton Turbine	1	5HP	Turbine character		
6	Tilting Flume	4	3m long	Open channel stu		
7	Venturi Flume	1	3m long	Open channel stu		
8	Pipe Network	1	0.5 HP pumping	Pipe network stu		
9	Surge Tank	1	1 HP pumping	Surge analysis st		
10	Water Hammer	1	1 HP pumping	Water hammer st		
11	Sedimentation Tank	1	1mx1mx0,5	Sedimentation st		
12	Hydrology Bench	1	2mx1.5m test bench	Hydrological moc		
13	Particle Image Velocimeter PIV	1	Laser based	Velocity measurement in 3D for open chanenel		
14	Acoustic Doppler Velocity Meter - ADV	2	Accoustic	Point based velo		
15	Random Wave-Flume	1	50mx1mx1m	for wave charact		
16	Laboratory Flumes	1	12x0.3x0.6m	for open channel		
17	Current meter	1	Velocity measurement	for open channel		
18	PEMS	1	Avg. Velocity measurements	for open channel		
19	Ultrasonic flow meter	1	Velocity measurement	for velcoity meas		

20	Small flumes	3	3x0.2x0.2m	for open channel		
21	Hydrostatic Bench	1	0.5 HP	for Boyles law stu		