

CIVIL LABORATORY INFORMATION

1. ENVIRONMENTAL LAB / PUBLIC HEALTH ENGINEERING LAB

Environmental Engineering lab consists of following equipment's:-

1. B.O.D. Apparatus
2. pH Meter
3. Jar test Apparatus
4. Turbidity Meter
5. C.O.D. Apparatus



C.O.D. Apparatus



Jar Apparatus

2. MECHANICS OF STRUCTURE LAB

Mechanics Of Structure lab consists of following equipments:-

1. Universal testing Machine (60 T)
2. Torsion testing Machine (100 NM)
3. Impact testing Machine
4. Tile Abrasion Testing
5. Tile Flexural Strength tester.



UTM MACHINE 60T CAP.

TILE ABRASION TESTING



IMPACT TESTING MACHINE

3. SURVEY LAB

Survey lab consists of following equipments:-

1. Auto Level
2. Tilting level
3. Dumpy level
4. Electronic digital theodolite.
5. Digital planimeter
6. Prismatic Compass



**ELECTRONIC DIGITAL THEODOLITE
DUMPY LEVEL
& SURVEYING EQUIPMENTS**



PRISMATIC COMPASS

4. CONCRETE TECHNOLOGY LAB

Concrete technology lab consists of following equipment's:-

1. Los Angeles Abrasion apparatus
2. Le chateliars apparatus
3. Vicat apparatus
4. Aggregate impact apparatus
5. Compression testing Machine



**COMPRESSION TESTING MACHINE &
MOULD &
ABRASION MACHINE**

**IMPACT TESTING
AGGREGATE IMPACT APPARATUS**

**CONCRETE CUBE
LOS ANGELES**

5. GEOTECHNICAL LAB

Geotechnical lab consists of following equipments:-

1. C.B.R. Testing Apparatus
2. Direct Shear Apparatus
3. Triaxial shear test Apparatus
4. Vane Shear test Apparatus
5. Pycnometer



**C.B.R. TESTING APPARATUS &
APPARATUS
TRIAXIAL SHEAR TEST APPARATUS**



DIRECT SHEAR

6. HYDRAULICS LAB

Hydraulics lab consists of following equipments:-

1. Venturimeter
2. Orifice Meter
3. Bernoulli's theorem
4. Centrifugal Pump test ring
5. Reciprocating Pump test ring
6. Reynolds Apparatus



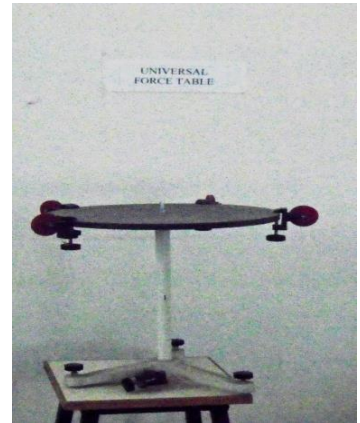
**REYNOLDS APP.&
FLOW OVER NOTCHES APP.
BERNOULLI'S THEOREM**

LOSSES IN PIPE FITTINGS

7. ENGINEERING MECHANICS

Engineering Mechanics Lab consists of following equipments:-

1. Jib Crane
2. Single Purchase / Double Purchase crab
3. Worm & Worm Wheel
4. Universal Force Table
5. Combined Inclined Plane & Friction Slide.
6. Simply supported beam
7. Differential Pulley Block



SINGLE, DOUBLE PURCHASE SIMPLY SUPPORTED BEAM
UNIVERSAL FORCE TABLE CRAB