

## Name of Labs and List of Major Equipments available in lab

<b>Survey Lab</b>	
Sr. No	Name of the articles checked
1.	Pentax – Total station
2.	Land Measuring Chain with 10 Steel Arrow - 20 Meter
3.	Line Ranger
4.	Optical Square Round Made of Brass
5.	Optical Square (Prism Type)
6.	Omega Prismatic Compass with Stand -125mm – Sr. No.- 11,17,30,21,36,08,33,14,32,04
7.	Tilting Precise Level with Telescopic Stand
8.	Telescopic Alidade
9.	Transit Theodolite with Stand
10	Omega Abney Level -12.5 cm Sr. No. 33,44,23,30,47,55,43,6
11	Omega Abney Level – 12.5 cm Sr. No. 1,7, Without No.-02
12	Omega Abney Level Packed in Leather Sting Case -Sr. No.225
13	Omega Hand Level
14	Through Compass (Magnetic Compass)
15	Plani Meter Indian-28”
16	Plani Meter Indian-45”
17	Plani Meter japan -70 cm No.- 21624
18	Box Sextant
19	Prismatic Binocular 1.-14075                      2.-715202 3.-89284739                4.-663819
20	Omega Surveyor Compass-100 mm 1.-04                      2.-22
21	Omega Surveyor Compass-100 mm 1.-03                      2.-0
22	Auto Level Horizontal Type (Steel Level Bottle 1.5 Meter)
23	Aluminum Staff Telescopic Type –API-7- Made up of aluminum
24	Tool Box With Instruments



Total station (survey lab)

**Hydraulics (Fluid Mechanics) Lab**

Sr. No.	Name of Item
01	Stop watch
02	Reynolds Apps
03	Losses in Pipe friction
04	Pitot Tube Apparatus
05	Verification of Bernoulli's Theorem App.
06	Flow through Orifice & Mouth Piece App.
07	Flow Measurement by Venture meter & Orifice Meter
08	Notches App.
09	Impact Jet on Vanes App
10	Labnic Pressure Measurement Device Display
11	Loss in Pipe Fittings
12	Variable Speed Centrifugal Pump Test Rig



Minor Losses Equipment (Hydraulics Lab)

Environmental Engineering lab	
Sr. No.	Name of Item
01	Digital Turbidity Meter

02	Conductivity Meter
03	Microcontroller Based Conductivity Meter
04	Digital PH Meter Pen type Range-00 to 140ph
05	Digital Portable Kit Temperature Compensation 5Deg C.C. to 55 Deg C.C.
06	Water Distillation Unit Dimensions:PH450cmx15cmx45cm, Wt.6 Kg Approx
07	Digital PH Meter
08	Digital Turbidity Meter
09	COD Test Appratus
10	Digital Sound Level Meter
11	Standard Dissolved Oxygen Meter



Kit for Digital Turbidity Meter, pH (Environmental Lab)

#### Computer and Model Room

Sr. No.	Name of Item
01	Road Cuvert with RCC Slab (10209)

02	Model of Flying shore (10326)
03	Model of doors with Surround Frame Flush Door
04	Model of Steel Roof Truss
05	Model of Fully Panelled Door
06	Model of Half Panelled Half Glazed Door
07	Model of Sash Door
08	Model of Ledged & Braced Door
09	Model of Flush Door
10	Grillage Foundation
11	Model of Foundation
12	Model of Bricks
13	Two Room Veranda
14	Model of Staircases Dog legged 32x30
15	Open well Stair 32x30
16	Quarter turn stair 45x35
17	Bifurcated stair 15x35
18	Geometrical stair
19	Spiral Staircase
20	Caller Beam Truss Model