

PHYSICS LABORATORY

List of Equipments

Ist Semester

S.I. No.	Name of Apparatus	
1.	Bar Pendulum	
2.	Kater's Pendulum	
3.	Flywheel	
4.	Stop Watch	
5.	Vernier Callipers	
6.	Laurent's half shade Polarimeter	
7.	Fresnel's biprism, complete with optical bench etc.	
8.	Physical balance	
9.	Newton's ring apparatus	
10.	Spectrometers	
11.	Electrically maintained tuning fork (complete apparatus)	
12.	Screw guage	
13.	Reading Telescope with stand	
14.	Spherometer	
15.	Diffraction grating	
16.	Double Slit inter ferometer with He-neon Laser	
17.	Numerical Aperture of an optical fiber (Complete Kit)	
18.	Multimeter (Manual & Digital)	
19.	Mercury vapour lamp (Complete with mountings)	
	Sodium vapour lamp (Complete with mountings)	
	Sodium vapour lamp transformer	

2nd Semester

S.I. No.	Name of Equipments	
20.	Callender & Griffith bridge cum carey foster bridge	
21.	Potentiometer (Dial Pattern)	
22.	e/m bar magnet apparatus	
23.	Apparatus to study charging & discharging of a condenser	
24.	Cathode ray oscilloscope	
25.	Function Generator	
26.	R.F. oscillator	
27.	Quartz crystal with tank and holder	
28.	Hot Plate (1500 watts)	
29.	Thermometer (different ranges)	
30.	Universal shunt dial pattern	
31.	Lechlanche cell complete	
32.	Plancks constant apparatus	
33.	Battery (2 V)	
34.	Battery Eliminator	
35.	Platinum Resistance thermometer	
36.	Plug key	
37.	Standard cell (electronic)	
38.	Weston galvanometer	
39.	Rheostate (different ranges & current ratings)	
40.	Resistance box (Manganin, different ranges)	
41.	Lee's disc conductivity apparatus with boiler	
42.	Stefan's constant apparatus	
43.	Scientific calculators	
44.	Electric heaters (1500W)	
	Wooden scales, Measuring cylinders and beakers, weight boxes, spirit lamps, Reading lens, prisms, Ammeters etc. are available in bulk.	
45.	Glovanometer 20vv/div sensitive.	02
46.	Tappin Key's	06
47.	Electronic standard cell	01
48.	Fe constantan/co constantan thermocouple	04
49.	Refrigerator Samsung 230 Ltr	01