

LIST OF EQUIPMENT

Department of Chemistry

1. Conductivity meter - 2 pcs
2. Conductivity cell - 2 pcs
3. Thermostat - 2pcs
4. Heat phone - 2 pcs
5. Resistance - 2pcs
6. Volt battery - 4pcs
7. Induction coil - 2pcs
8. Ostwald's viscometer - 6pcs
9. Lakhanpal's viscometer - 6pcs
10. Colori meter - 4pcs
11. Ph meter - 6pcs
12. Electronic balance - 1pcs
13. Conductivity bridge - 2pcs
14. Potentiometer - 2pcs
15. Battery - 2pcs
16. Standard cell - 2pcs
17. Calomel electrode - 2pcs
18. Platinum electrode - 2pcs
19. Quinhydrone - 2pcs
20. Magnetic stirrer - 2pcs
21. Galvanometer - 2pcs
22. Digital spectrophotometer - 2pcs
23. Stalganometer - 12pcs
24. Paper chromatography - 4pcs
25. TLC - 4pcs

Department of Botany

- 1- Centrifuge machine-02
- 2- Spectrophotometer-01
- 3- Digital Balance-01
- 4- PH meter-01
- 5- Compound microscope-04 Olympus
- 6- Simple microscope-04
- 7- Laboratory microven-01
- 8- 8-Soil testing kits-02

Department of Zoology

1. Cold Centrifuge machine (Remi)

2. Rotatory microtome machine (ERMA type)
3. Magnetic stirrer with hot plate
4. Oven (Universal)
5. Binocular Microscope
6. Rotatory shaker
7. Vertex
8. Micro pipette fixed volume single channel 1000ul with tips
9. Roller for pipetting
10. Electrophoresis unit with power supply (horizontal and vertical)
11. Refrigerator

Department of Geology

1. Petrological microscope (2pcs)
2. Pocket stereoscope (4pcs)
3. Rock specimens
4. Mineral specimens
5. Specimen tray (20pcs)

Department of Education

1. B.B Cloth
2. Geometry Box (big size)
3. Globe
4. Atlas
5. World Map (physical and political)
6. India Map (physical and political)
7. Odisha Map (physical and political)
8. Display Board
9. Bulletin Board

DEPARTMENT OF PHYSICS

SL NO	List of Equipment's under CBCS	Qty
1	Telescope (10X) M.P	6
2	C.O.R	2
3	V.T.V.M	1
4	Digital Balance	2
5	Travelling Microscope	5
6	Zener Diode	6
7	PN Junction Diode	6
8	Kater's Pendulum	2
9	Newton's Ring Apparatus (Complete Set)	4
10	Capillary Rise Method (Surface Tension) (Complete Set)	6
11	Sextant (Complete Set)	2
12	Moment of Inertia of Fly Wheel	2
13	Spectrometer (Complete Set)	2
14	Battery Eliminator (0-12Volt)	5
15	Poiseuilles method of viscosity	2
16	Modulus of rigidity by Maxwell needle	2
17	Bar Pendulum (Complete Set)	4
18	Characteristics of series R.C circuit complete set	2
19	Field strength of solenoid complete set	2
20	Anderson Bridge (Self Induction Complete set	2
21	Response curve of a series L.C.R circuit complete set	2
22	Resolving power of a plane diffraction grating using Na & Hg source	2
23	Thermal Conductivity of a bad conductor by lees method complete set	4
24	J by joules calorimeter	4
25	Temperature coefficient of resistance by platinum resistance thermometer (PRT) Complete set	2
26	Specific heat of liquid by method of cooling complete set	4
27	Water cooling (Ice Maker) Refrigerator (samsung -165 litre)	1
28	V-I Characteristics of solar cell (complete set)	2
29	Characteristics of (B.J.T) in CE configuration	2
30	Frequency response of voltage gain coupled transistor amplifier	2
31	Value of E/m by bar magnet complete set	2
32	Milikan Oil drop Apparatus	1
33	Half Adder ,Full Adder & 4 bit Binary adder	1
34	Quinck's Tube Method complete set	1
35	Magnetic Susceptibility of solid complete set	2
36	Sugar solution by polarimeter method complete set	2
37	Boltzmann Constant using V-I Characteristics of PN Junction Diode	2