

PATHARKANDI COLLEGE
DEPARTMENT OF PHYSICS
LIST OF LABORATORY INSTRUMENTS

Sl. No.	Items	Item Details	Brand
1	Moment of Inertia Table	disc diameter = 6" ; full set with cubes, cylinders	Besto (Cat. 2372)
2	Graduated Measuring Cylinder	500 mL	BOROSIL
3	Compound (Bar) Pendulum	Steel C.P. ; Dimensions = 100 x 3.75 x 0.5 cm	Besto (Cat. 2355)
4	Stand for Bar Pendulum	-	Besto (Cat. 2362)
5	Barton's Apparatus (Rigidity Modulus by Statical Method)	full set	Besto (Cat. 2325)
6	Slotted Weights	Iron Black Painted Set; Weights = 500 gm x 5	Besto (Cat. 1111)
7	Retort Stand with Clamp	-	Besto
8	Resistance Coil Round (Bakelite Type)	ranges: 1 ohm ; 2 ohm; 5 ohm ; 10 ohm	Besto (Cat. 550)
9	Standard Resistance (4 terminal)	range: 0.1 ohm, 0.01 ohm	Besto (Cat. 557)
10	Tangent Galvanometer	full set including compass	Besto (Cat. 1076)
11	Sodium (Na) Light Complete unit	with transformer, Na vapor lamp & metallic stand	Besto (Cat. 1715)
12	Newton's Ring Microscope	full set	Besto (Cat. 1573)
13	Mercury (Hg) Light Complete Unit	with transformer, Hg vapor lamp & metallic stand	Besto (Cat. 1606 – 1608)
14	Diffraction Grating	Hilger & Watt type; size: 38x50 mm; 15000 lines/inch	Besto (Cat. 1630)
15	Grating Holder	-	Besto (Cat. 1643)
16	Melde's Apparatus	INCO pattern	Besto (Cat. 1148)
17	Physical Weight Box (Brass C.P.)	capacity 200 gm	Besto (Cat. 62)
18	Searle's Apparatus	full apparatus with necessary accessories	Besto (Cat. 2518)
19	Steam Boiler (Copper)	Volume: 2 Litres	Besto (Cat. 2552)
20	Constant Level Tank	-	Besto (Cat. 2565)

PATHARKANDI COLLEGE
DEPARTMENT OF PHYSICS
LIST OF LABORATORY INSTRUMENTS

Sl. No.	Items	Item Details	Brand
21	Precision thermometers (filled with red spirit)	length= 12 inches; temp. range: -10 to 150 °C; graduation: 1/2 °C	Besto (Cat. 2604)
22	Laboratory Hot plate	with or without stirrer	
23	Reading Lens	size: 1.5 " or 2"	
24	Digital Multimeter	good quality	
25	Stop Watch	good quality; least count: 0.1 second	
26	Spirit Level	wooden; size: 2"	
27	Concave lens + Convex lens	diameter = 50 mm; focal length = 20 cm	Besto (Cat. 1855)
28	Concave mirror + Convex mirror	diameter = 50 mm; focal length = 20 cm	Besto (Cat. 1850)
29	Optical Bench	length = 1.5 meter long; full set with all necessary accessories	Besto (Cat. 1812)
30	Platinum Resistance Thermometer	-	Besto (Cat. 999)