

Chirang Polytechnic

Equipment in Physics laboratory

Sl. No	Items	Quantities	Total cost in (Rs)	Remarks
9.03	Steel tap 3m	10	684.4 0	
63.01	Vernier (VC) reading to 0.01 mm	15	9451.80	
63.02	Vernier (VC) reading to 0.02 mm	15	9451.80	
64	Wooden cubes, cylinders and spheres for vernier measurements (small size)	30	5168.40	
65	Micrometer screw Gauge (0-25) Least count 1/100 MM	30	13735.20	
66	Spherometer range 1/100 MM Screw stainless steel	30	9097.80	
67	Specific gravity bottle (50ml) made of borosilicate glass	30	4106.40	
68	Physical balance capacity 200 gm. Sensitivity 1mg	5	16024.40	
69	Weight box set of weight 1 mg to 100 gms	10	10077.20	
70	Wall thermometer plastic	10	1144.60	
71	Simple pendulum	15	5664.00	
72	Measuring Scale: 1m	10	2690.4	Not received
73	Stop watch, Digital size 7MM	15	19753.20	
74	Boyle's law apparatus and Gauge	5	26898.10	
75	Resonance apparatus simple brass	10	25759.40	
76	Tuning fork (two)	10	3776.00	
77	Sonometer	10	13168.80	
78	Spirit level: Length 150mm made of plastic	5	542.80	
79	Hare's apparatus	10	5664.00	
80	Glass beaker: 250ml: made of borosilicate glass	10	1085.60	
81	Nicholson hydrometer	5	2401.30	

82	Copper calorimeter	5	2348.20	
83	MIRRORS CONCAVE, DIAMETER 50MM, FL 100 MM	20	1014.80	
84	MIRRORS CONVEX, DIAMETER 50MM, FL 100 MM	20	1014.80	
85	Plane mirror, length: 15 cm, breadth 5cm, fixed on wooden stall	20	259.60	Not fixed on wooden stall
86	Glass slab for refraction experiment, size: 125mm x 65 mm x 18 mm	20	3091.60	Not found in exact size. 100x60x18
87	Glass prism: size 38 mm	20	1722.80	
88	Drawing Board: 50cm x 30 cm	30	30904.20	
89	Optical Bench: length 1.5 m	20	164822.40	
90	Convex lens: Focal length 15cm and 20 cm, diameter 5 cm	20	542.80	
91	Lens Holder, diameter: 5cmm	20	1722.80	
92	Bar magnet, size: 100x 11 x 6 mm approx., amterial alnico	15	5664.00	
93	Magnetic compass needle in aluminum case, size 18 mm	100	2714.00	
94	Millivoltmeter DC range 0.100 in Volt	10	5664.00	
95	Ammeter DC, range: 35- 0.35 mV	10	5664.00	
96	Galvanometer DC, Range: 35-0.35 mV	10	5664.00	
97	Rheostat Pocolain pipe closed type, length 25 cm, Reostat (Ohms) 10, Current (amps) 5.7	10	14879.80	
98	Power supply	12	103014.00	
99	PLUG KEY ONE WAY	10	1321.60	
100	Whetstone bridge two gap one meter	10	101869.40	
101	Resistance box no. of coils and range 0.1-5 ohms, total resistance 11	10	14879.80	
102	Decade resistance box,	10	60663.80	

	range in units, tens, hundreds and thousands ohms, total resistance 11110 ohms.			
103	Digital multimeter	2	1328.66	
Total			7,16,432.26	