

Physics Department

List of Equipments for Session 2022-23 (For Stock Verification)

S.No	Name of item	No. of items
1.	Audio frequency oscillator	02
2.	Battery Eliminator	04
3.	Bar pendulum with all accessories	04
4.	CE, CB Transistor characteristic app.	08(6 needrepair)
5.	Connecting leads (flexible)	32+75-107(50 broken)
6.	CB Amplifier	01
7.	CE Amplifier	01
8.	Doubly refracting prism	04+2=06
9.	Diffraction grating	08+2=10
10.	Digital voltmeter	06
11.	Diameter of lycopodium powder apparatus	01
12.	Double slit interference using He Ne laser	01
13.	Electric Vibrator	06
14.	Extension board	10
15.	Electric lamp	04
16.	e/m by Thomson's method	01
17.	Function Generator	10
18.	Flywheel app. With all accessories	04
19.	Four Probe app. To find energy gap	01
20.	Galvanometer	04
21.	High resistance by substitution method	06
22.	Hartley oscillator with frequency meter	04
23.	Inverse square law verification app.	04
24.	Impedance of ac circuit	06
25.	Jaeger's apparatus	02
26.	LCR Series and parallel resonance	06
27.	Low power telescope with stand	09(3 needrepair)
28.	Locks (Lab., store, dark room)	03(01broken)
29.	LB photometer with source and optical bench	01
30.	Laurent's half shade polarimeter without sodium lamp	01

1. Stock Verification Committee

1. Arun
30/5/23

2. Parvathy
30/05/23

Uthobij

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S.No	Name of item	No. of items
31.	Meter Scale (Wooden)	06(5 broken)
32.	Mercury Lamp with wooden box and choke	05
33.	Maxwell's Needle with all accessories	04
34.	Measuring tape	01
35.	Magnifying glass with handle	06
36.	Melde's app. with pulley, power supply, wt. box, tuningfork	01
37.	Micrometer slit with adjustable width	04
38.	Newton's ring apparatus	03
39.	Ordinary prism	08
40.	PN junction characteristic app.	06(2 needrepair)
41.	Peak, average, r.m.s value of ac signal	08
42.	Pliers	01
43.	Resolving power of telescope complete setup	02
44.	Ripple factor of a power supply (complete setup)	02
45.	RC coupled amplifier with VTVM without fn. generator	01
46.	Rydberg's constant apparatus	01
47.	Solar cell characteristic apparatus	06(2 needrepair)
48.	Screw Gauge	06
49.	Stop Clock/ Stop watch	10+04+8=22
50.	Spectrometer	05
51.	Sodium Lamp with wooden box and transformer	03(all need repair)
52.	Searle's apparatus with expt. wire	04
53.	Sonometer with all accessories	06
54.	Spirit level	04
55.	Sextant with stand	03
56.	Spherometer	04
57.	Screw driver	02
58.	Stand for torsion pendulum	06
59.	Torsion pendulum with irregular object and auxiliary body	06
60.	Travelling microscope	02

Stock Verification Committee

1. Aswan
20/5/23
2. Paween
30/5/23

(Handwritten Signature)

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S.No	Name of Item	No. of Items
61.	Thickness of paper using thin wedge	01
62.	Thin wire arrangement for diffraction	01
63.	Voltage doubler and Tripler	06
64.	Vernier calipers	06
65.	Young's modulus by bending of beam	04
66.	Zener diode characteristic apparatus	06 (3 needs repair)
67.	UPS 1600 sine wave inverter	01
68.	Battery tubular 12 V 150 Ah CR 500	02
69.	Battery chargeable 12 V	04
70.	BH Curve without CRO	01
71..	CRO 30 MHz, Dual Channel	01
72..	Computer System	01
73.	Hall Effect Apparatus	01
74.	Pin-up Board	01
75.	Portraits (14"x19")	04
76.	Portraits large size (30"x40")	01
77.	Lab Charts	02
78.	Color Printer	01(issued from office)
79.	Curtain blinds for dark room (size 112x54 in two parts)	01

Furniture items

S.No	Name of Item	No. of Items
1.	Office Chairs with back caning	04 (need repair)
2.	Office table 4'X2.5' with drawer and almirah	04
3.	Wooden Stools 18"X12"X26"	35
4.	Library Table 6'X4'X18"	01
5.	Wooden Almirah 72"X36"X18" with glass panel	01
6.	Iron Racks 78'X36'X13' with 6 shelves	02
7.	Steel Office Almirah without locker 78'X36'X19' 20/22 gauge	01

1. Asma Stock Verification Committee
30/5/23
2. Parees
30/5/23

Wishoj