

Hutatma Rajguru Mahavidyalaya Rajgurunagar

LIST OF Requirement - 2021-22

Dept. Of Physics

(Sr.College)

Sr.No	Name of the Item	Quantity	Amount
1	Power Supply - AC/DC Batteries 500mA Diff. Volt. 2 To 12 V	6 pc	
2	Digital Stop Watch	12 pc	
3	Thermometer Red 110 ⁰ c	3.Doiz	
4	Woodan Box With Four Slitsfur Mereury	2.Nos	
5	Low Pressure (Philips) Sodium - Vapour Lamps	2.Nos	
6	Mereury Lamp 160 Vat. (Philips)	3.Nos	
7	Printer with Scanner Copy	1.No	
8	Magnetic Strrer With Hot Plate	1.No	
9	Double Refracting Prism Calcife	1.No	
10	Double Refracting Prism Quartz	1.No	
11	Reading Lens	6.No	
12	Table Lamps	6.No	
13	Core Losses in Transformers	1.No	
14	Inductance by Anderson's bridge	1.No	
15	Conductivity Measurement Unit (Thin filan)	1.No	
16	Digtal Thermometer / Thermocouple	1.No	
17	Constant Curent Sonne (0-500ma) 9V	1.No	
18	Nicole Prism	1.No	
19	UJT Characteristics Kit	1No	
20	Circuit Therme	1.No	
21	Transistr Characteristics Kit (NPN)	1.No	
22	Travelling Microscope	3.Nos	
23	Two Pin Connecting Wires - Red,Black	4.Doiz	
24	Plug - Key	2.Doiz	
25	Rheostat -200 Ω	10.Nos	
26	Rheostat -250 Ω	10.Nos	
27	Thermocouple (F.Y.B.Sc) set	1.No	
28	Thermal Conductivity by Lee's Method	1.No	
29	Mangnt	4.Pir	
30	Grating	2.No	
31	Autoc lave & Teflon line(7k or 10 k)	1.No	
32	Speaker 2.1 Philips or sony 80Watt /100watt	1.No	
33	Anderson's Method T.Y.B.Sc Set	1.No	

34	Electrode's Agcl	1.No	
35	Platinum electrode	1.No	
36	Mica Plates	1.No	
37	Four / Two Probe Method	1.No	
38	Microphones	2.No	
39	Potential Stat	1.No	
40	Ferguson Method App.	2.No	
41	Characteristics Of Solar Cell	2.No	
42	characteristics of JFET set	1.No	
43	Instrumentation amplifier using three opamps	1.No	
44	Woofers, tweeter, midrange speaker	1.No	
45	LVDT Kit	1.No	
46	Capacitive transducer	1.No	
47	Soil moisture measurement kit	1.No	
48	Soil chemical properties measurement kit (PH	1.No	
49	Air quality measurement kit	1.No	
50	Micronutrients analysis kit for soil	1.No	
51	Liquid pressure measurement using pressure Sensor kit	1.No	
52	Displacement / pressure measurement using strain gauge sensor kit	1.No	
53	VSM meter	1.No	
54	Zinc Nitrate	500gm	
55	Zinc sulphate	500gm	
56	sodium Hydroxide Pellet form / powder form	500gm	
57	Lithium Hydroxide powder form	500gm	
58	potassium Hydroxide	500gm	
59	Manganese Nitrate	500gm	
60	Copper Nitrate	500gm	
61	Watman Paper- 42 No	1Pkt	
62	Dropper	12.Nos	
63	Aluminum foil (Super wrap)-10	500gm	
64	glass (polylab 200 mm plain desiccator 55 202)	1.No	
65	crucible silica with lid 2 capacity 100	1.No	
66	crucible tong	1.No	
67	petri dish with vented -5	1.No	
68	Ethanol-(500ml)-12	500ml	
69	Acetone - (500ml) for cleaning-1	500ml	
70	ph-Meter strips-20	1Pkt	
71	(1 to 14 pH indicator)	1Pkt	