

**Sanatana Dharmma College**

**Dept . Of Physics**

No	Item	Specification	Amount	GST	Qty	Total
<b>1</b>	<b>Anderson ac bridge</b>					
a	Dial type resistance box	6 Dials Decade Resistance 0.1-100kOhm in six decade Accuracy $\pm 0.1\Omega$ No film type resistance Silver to Silver plated contact switches Temperature coefficient $\leq 10$ ppm/ $^{\circ}$ C				
b	Head phone	Standard type				
c	A.F. Oscillator	20 Hz to 200 K Hz in four bands Sine and square wave with output level meter 0-10 VP.P. output impedance 600 ohms.				
2	Temperature co. resistivity (Complete setup)	Teak wood C.F. , Power supply Ammeter, Voltmeter Rheostat, Patch codes thermometer and Copper coil				
3	Single Strand Wire	For PCB - 26AWG (Gauge) - three colours 1Coil each				
4	Crystals Ultrasonic diffraction	Std. Type				
5	Solderon Soldering Iron	High Quality 50W/230V				
6	Microscopes (replacing some existing microscopes in travelling microscopes)	FINEST ACHROMATIC OPTICS- X10 RAMSDEN EYE PIECE,ACHROMATIC OBJECTIVE 1',2' OR 3' FOCUSING DISTANCE FROM OBJECT(3'f.d 0,OPTICAL CROSS LINE GRATICULE				
7	Mercury vapour lamp	80W/125W, Philips				
8	Refracting prism	Equilateral, two faces polished. Borosilicate crown glass. Refractive index 1.5, Size (38mmx38mm)				
9	Meter Scale (1m, 50cm)	Std. Type (Teak wood)				
10	12-0-12 Transformer					
11	Regulated Battery Eliminator cum +/- 12V Power Supply.	DC Out put 2, 4,6,8,10,12V max 2A and $\pm 12V/1A$ . Load Regulation $\leq$ 0.05%, Ripple & Noice $\leq 3$ mV rms, Accuracy $\leq 1\%$ with over load protection with indicator				
12	Beaker	Borosil (250ml) Borosil (500 ml)				
13	Fermi Coil	Copper coil approximately-7 to 12 ohms wound over bobbin with an inner tube and outer glass tube with wooden support at the top and connecting leads				
14	Electric kettle (induction Type)	1.5 Litres Electric Kettle, 1500W, Prestige or Superior qut.				
15	Screw Gauge	Stainless steel, 15mm/Least Count0.01mm				
16	Spirit leveler	Std.type				

17	Stop clock	Digital, Working on a.c. mains 230V, Quartz controlled, Bright seven segment display				
	Stop clock	Smith type, Metal body, Fly cack action				
18	Digital Multimeter	<b>Display-1999 (3 ½)</b> Display LCD <b>DC Voltage</b> 0-200mV/2V/20V/200V/600V Accuracy 0.5% <b>AC Voltage</b> 0-200V/600V Accuracy1.2% <b>DC Current</b> 0-2000µA/20mA/200mA/10A Accuracy 1.0% <b>Resistance</b> 0-200/2K/20K/200K/2M.ohms Accuracy1.0% Battery Test 9V/1.5V				
19	Diffraction Grating	Size-60 mm x 45 mm 15,000LPI				