

PROPOSAL FOR PHYSICS LAB 2021

a) PURCHASE OF EQUIPMENTS

Sl. No.	Item	Specification	Unit
1	Ameeter	Moving coil DC analog milli Ammeter, with current values continuously measurable from 0-500mA	2
		0-50 mA	3
		0-500 A	2
2	Carey Foster's Bridge	Carey Fosters Bridge setup with one meter wire- Bridge 4 Gap with Pencil Jockey	2
3	Deflection magnetometer	With Compass	2
4	Fly Wheel	Chrome plated flywheel balanced on horizontal shaft with ball bearing which has to be fixed to the wall, including revolution counter	2
5	Galvano meter	Galvanometer 30-0-30 sensitivity 20uA	2
6	Knife edges	Metal knife on wooden stand for young'0s modulus experiments	2
7	Meldes string apparatus	Meldes string apparatus with scale pan	1
8	Potentiometer	Potentiometer 10m wire pencil jockey	1
9	Rheostat	100 ohms	2
		500 ohms	3
10	Spectrometer	With least count 1 minute, Rack and Pinion Focusing: on both the telescope and the collimator	2
11	Stop watch	Digital battery type with minimum 5 yr warranty	4
12	Stop watch	Analogue winding type	5
13	Travelling microscope	With least count 0.01 mm Travelling microscope with horizontal and vertical main scale and vernier scale with rotatable microscope including wooden storage box	2
14	Volt meter	Analog meter	6