



DEBRA THANA SAHID KSHUDIRAM SMRITI MAHAVIDYALAYA

P.O.- CHAKSHYAMPUR * Dist.- PASCHIM MEDINIPUR * PIN-721124

WEST BENGAL * INDIA

Ref. No.....

Date:.....

DEPARTMENT OF PHYSICS

List of apparatus

Serial No.	Apparatus	Specifications	Rate (including GST)
1.	Spectrometer	DEVCO make, 7"	
2.	Michelson's interferometer (full set-up)	To determine the wavelength of sodium light. Good quality	
3.	He-Ne laser source + detector	Laser source for grating diffraction experiment, 2 mw	
4.	Diode laser source	Diode laser source with power supply for single and double slit experiment	
5.	Gratting	15000 lines/inch	
6.	Prism	32*32 mm, Dense Flint or Eytra Flint glass	
7.	Single slit	For laser experiment	
8.	Double slit	For laser experiment	

9.	To determine the value of e/m by a. Magnetic focusing or b. Bar magnet.	Good quality	
10.	Millikan oil drop apparatus (full set-up)	To determine the charge of an electron.	
11.	Cathode Ray Oscilloscope	Dual channel, 10 MHz frequency. Scientific make	
12.	Planck's constant using black body radiation. (full set-up)	SES make	
13.	Tunneling effect of tunnel diode using I-V characteristic. (full set-up)	Good quality.	

DEPARTMENT OF CHEMISTRY

List of apparatus

1.	Rough Balance	10 mg to 100 gm	
2.	Calorimeter	Good quality	
3.	Big size 70 ml hard glass test tube wider bore with rubber cork and glass stirrer	For critical solution temp. Determination (original borosil)	
4.	Magnetic stirrer	One pice	
5.	Magnetic Palate	5 piece with different size	
6.	Dropper set	12 piece	
7.	Test tube stand	10 piece(20 holes each)	
8.	Volumetric flax 250 ml	10 piece	
9.	Measuring cylinder 10 ml	4 piece	
10.	Melting points determination apparatus	1 piece	
11.	Thermometer	0 to 300 degree celcius (2 pieces) 0 to 200 degree celcius (2 pieces)	
12.	Stalagmometer	Original borosil, 2 pieces	
13.	TLC plate	One box	

DEPARTMENT OF GEOGRAPHY

List of apparatus

SL.NO.	NAME OF THE INSTRUMENTS	QUALITY	QUANTITY
1	SCIENTIFIC CALCULATOR	CASIO	02
2.	GPS	GARMIN (BEST ACCURACY)	02
3.	LARGE GEOMETRIC RULER, PROTECTOR,	BEST QUALITY	02
4.	3D GLASS	BEST QUALITY	04
5.	REPAIRING OF BAROMETRE	BEST QUALITY	01
6.	GROUND PENETRATING RADAR (GPR)	BEST QUALITY	01
7.	MINERALS (HEMATITE, MEGNATITE)	BEST QUALITY	02
8.	LEAF AREA INDEX (LAI) METRE	BEST QUALITY	01
9.	WIND VANE	BEST QUALITY	01
10.	ANEMOMETRE	BEST QUALITY	01
11.	AERIAL PHOTOGRAPHY IMAGE MAP	BEST QUALITY	05
12.	ALMARI FOR DISPLAYING ROCKS AND MINERALS	BEST QUALITY	01
13.	PHYSICAL MAP OF INDIA AND ASIA	BEST QUALITY	03+02
14.	GLOBE	BEST QUALITY	04