

**LIST OF REQUIRED EQUIPMENTS-PURCHASE-2025-26**

**NAME OF THE DEPARTMENT: BOTANY**

<b>SL.NO.</b>	<b>APPARATUS</b>	<b>SPECIFICATION</b>	<b>BRAND</b>
1	Spirit lamp	stainless steel	
2	Glass rod		
3	Spatula	Stainless steel	
4	Centrifuge tube 15 ML (Tarson)	Autoclavable	Tarson
5	Watch glass		Borosil
6	Cover glass round		Blue star
7	Microslide		Blue star



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**NAME OF THE DEPARTMENT: CHEMISTRY**

SI No	APPARATUS	SPECIFICATION	Brand
1	Beaker 100 ml (Borosil)		BOROSIL
2	Beaker 250ml (Borosil)		BOROSIL
3	Beaker 500ml (Borosil)		BOROSIL
4	Boiling Tube (big)		BOROSIL
5	Bunsen burner	all brass	BOROSIL
6	BURETTE 50ML		BOROSIL
7	Burette Clamp		BOROSIL
8	Burette stand-Iron		BOROSIL
9	China dish		BOROSIL
10	Clay pipe triangle		BOROSIL
11	Centrifuge tube (Plastic)		DOLLAR
12	Conical Flask 125ml (Borosil)		BOROSIL
13	Conical Flask 250ml (Borosil)		BOROSIL
14	Cork (Double holed)		BOROSIL
15	Dropper (glass)		BOROSIL
16	Dropper (plastic)		BOROSIL
17	Glass bottle stoppered 125 ml		BOROSIL
18	Glass funnel (Borosil)		BOROSIL
19	Glass rod		BOROSIL
20	Micro test tube		BOROSIL
21	Reagent bottle (dropper plastic) 30ml		BOROSIL
22	Rubber Cork (two holed)		BOROSIL
23	Silica crucible with lid		BOROSIL
24	Spatula steel		BOROSIL
25	Spatula(micro)		BOROSIL
26	Standard Flask 1000ml		BOROSIL
27	Standard Flask 100ml		BOROSIL
28	Standard Flask 250ml		BOROSIL
29	Standard Flask 500ml		BOROSIL
30	Test Tube		BOROSIL
31	Test tube brush		BOROSIL



32	Test Tube Holder		BOROSIL
33	Thermometer (110°C with 0.1°C precision)		BOROSIL
34	Tongs		BOROSIL
35	VISCOMETER(small)		BOROSIL
36	Wash bottle medium		BOROSIL
37	Wire Gauze		BOROSIL



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**NAME OF THE DEPARTMENT: ZOOLOGY**

SL.	APPARATUS	SPECIFICATION	BRAND
1	Blood lancet	METAL STAINLESS STEEL	DESCO PPBL 105
2	BOD bottle (brown)	300ml	Borosil/Borosilicate
3	Chromatography paper		Whatman No.1
4	Pipette Pump-2ml	2 ml	Comet/SP Bel-Art/StonyLab
5	Pipette Pump-2ml	5 ml	Comet/SP Bel-Art/StonyLab
6	Conical flask	100 ml	Borosil
7	Glass beaker	500 ml	Borosil
8	Plastic transparent dropping bottle	60ml	Tarson-620010
9	Burette	20ml	Borosil
10	Pipette	2ml	Borosil
11	Burette stand	For 20 ml Burette	Any brand
12	Reagent bottle	250ml	Any brand
13	Spirit lamp		Any brand
14	Tooth pick		Any brand



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**NAME OF THE DEPARTMENT: CHEMISTRY**

<b>Sl No</b>	<b>LIST OF CHEMICALS</b>	<b>BRAND</b>
1	1,5-DIPHENYL CARBAZIDE	NICE/ISOCHEM
2	2,4 DINITRO PHENYL HYDRAZINE	NICE/ISOCHEM
3	ACETANILIDE	NICE/ISOCHEM
4	ACETIC ACID	NICE/ISOCHEM
5	ACETONE	NICE/ISOCHEM
6	ACETOPHENONE	NICE/ISOCHEM
7	ALUMINIUM CARBONATE	NICE/ISOCHEM
8	ALUMINIUM OXALATE	NICE/ISOCHEM
9	AMMONIA SOLUTION	NICE/ISOCHEM
10	AMMONIUM CARBONATE	NICE/ISOCHEM
11	AMMONIUM CHLORIDE	NICE/ISOCHEM
12	AMMONIUM FERROUS SULPHATE	NICE/ISOCHEM
13	AMMONIUM FLOURIDE	NICE/ISOCHEM
14	AMMONIUM OXALATE	NICE/ISOCHEM
15	AMMONIUM THIO CYANATE	NICE/ISOCHEM
16	AMYL ALCOHOL	NICE/ISOCHEM
17	ANILINE	NICE/ISOCHEM
18	BARIUM OXALATE	NICE/ISOCHEM
19	BENZALDEHYDE	NICE/ISOCHEM
20	BENZENE	NICE/ISOCHEM
21	BENZOYL CHLORIDE	NICE/ISOCHEM
22	BIPHENYL	NICE/ISOCHEM
23	BORIC ACID	NICE/ISOCHEM
24	BROMO BENZENE	NICE/ISOCHEM
25	CARBON TETRA CHLORIDE	NICE/ISOCHEM
26	CHLOROFORM	NICE/ISOCHEM
27	CHLORO ANILINE	NICE/ISOCHEM
28	CINNAMIC ACID	NICE/ISOCHEM
29	COBALTOUS CHLORIDE	NICE/ISOCHEM
30	D GLUCOSE ANHYDROUS	NICE/ISOCHEM
31	DIETHYL ETHER	NICE/ISOCHEM
32	DIMETHYL GLYOXIME	NICE/ISOCHEM
33	DINITRO PHENYL HYDRAZINE	NICE/ISOCHEM
34	DIPHENYL AMINE	NICE/ISOCHEM
35	DISODIUM HYDROGEN PHOSPHATE	NICE/ISOCHEM
36	EDTA	NICE/ISOCHEM
37	FILTER PAPER	NICE/ISOCHEM
38	GLYCEROL	NICE/ISOCHEM
39	HYDROCHLORIC ACID	NICE/ISOCHEM
40	HYDROGEN PEROXIDE	NICE/ISOCHEM
41	IODINE	NICE/ISOCHEM
42	LEAD ACETATE	NICE/ISOCHEM
43	MAGNESIUM BORATE	NICE/ISOCHEM







**NAME OF THE DEPARTMENT: ZOOLOGY**

SL. NO.	NAME OF THE CHEMICAL	BRAND
1	Ammonium Hydroxide	NICE/ISOCHEM
2	Ammonium Sulphate	NICE/ISOCHEM
3	Antiserum	NICE/ISOCHEM
4	Bovine Serum Albumin (BSA)	Merck
5	Chloroform	NICE/ISOCHEM
6	DPX	Merck
7	Ethanol	NICE/ISOCHEM
8	Folin & Ciocalteus Phenol Reagent	NICE/ISOCHEM
9	Formaldehyde	NICE/ISOCHEM
10	Fructose	NICE/ISOCHEM
11	Glucose (D)	NICE/ISOCHEM
12	Hydrochloric acid	NICE/ISOCHEM
13	Leishman's Stain Solution	NICE/ISOCHEM
14	Maltose	NICE/ISOCHEM
15	Methanol	Merck
16	Ninhydrin Solution	NICE/ISOCHEM
17	Paraffin wax	Merck
18	Potassium Iodide	NICE/ISOCHEM
19	Ribose sugar	NICE/ISOCHEM
20	Silver Nitrate powder	NICE/ISOCHEM
21	Sodium Carbonate Anhydrous	NICE/ISOCHEM
22	Sodium Hydroxide Pellets (NaOH)	Merck
23	Sudan III	NICE/ISOCHEM
24	Sulphuric Acid	NICE/ISOCHEM
25	Uric Acid	NICE/ISOCHEM
26	Xylene	Merck



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**LIST OF REQUIRED EQUIPMENTS-PURCHASE-2025-26**

**NAME OF THE DEPARTMENT: CHEMISTRY  
EQUIPMENTS**

Sl No.	Item	Specification	
1	PLATFORM ROTARY SHAKER	The orbital shaker, continuous duty AC motor, predetermined speed of shaking 180 RPM (approx.).Fitted with 30 minutes timer, Platform Capacity : 36 Flasks of 250 ml, Platform Size in cm : 61 x 61	
2	Centrifuging machine (mechanical)	Units fitted with resiliently mounted motor for vibration free performance having built in 5 step speed regulator. Available with Swing out and Angle Rotor Hangle rotor head, 4 x 15ml Capacity, 4500 RPMeads.	



*[Signature]*  
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**NAME OF THE DEPARTMENT: ZOOLOGY  
EQUIPMENTS**

Sl No.	Item	Specification	
1	Compount microscope	Ordinary light microscope	

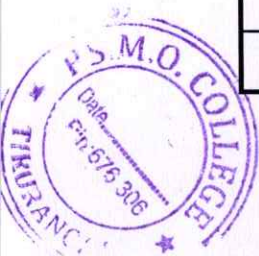


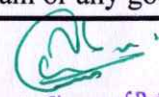
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**NAME OF THE DEPARTMENT: PHYSICS**

**EQUIPMENTS**

SL. NO.	APPARATUS	SPECIFICATION	BRAND
1	Multimeter		Metravi/Meco
2	DSO 100MHz	100MHz	Scientech
3	Function Generator -(50 MHz)	(50 MHz)	Scientech
4	Digital Thermometer -up to 300 celcius	up to 300 celcius	
5	D.C Digital Ammeter (2.mA to 2A range)	(2.mA to 2A range)	Prominent
6	AC Voltmeter (20 V) Analog	(20 V) Analog	AMBA/ Beemet
7	DC Voltmeter (20 V) Analog	(20 V) Analog	AMBA/ Beemet
8	Ammeter -500mA Analog	500mA Analog	AMBA/ Beemet
9	Grating (15000 LPI)	(15000 LPI)	Hilger & Watts LTD
10	DC Power Supply 5V	5V	Scientific Tech
11	Magnetic Compass box		Dollar
12	Brewsters Law Setup (Laser not needed)		
13	Hall effect Apparatus		
14	Band gap energy of Ge by four probe method		
15	Frank Hertz experiment		
16	Hydrogen lamp for Rydberg constant experiment		
17	Sodium Vapour lamp		Osram or any good brand
18	Mercury Vapour Lamp		Osram or any good brand



  
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