



OFFICE OF THE PRINCIPAL  
**PRAGJYOTISH COLLEGE**  
Guwahati -781 009

ISO 9001:2015 Certified; SDG Accord certified; NAAC accredited since 2004(3<sup>rd</sup> Cycle)

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March 20, 2025

**NOTICE INVITING QUOTATIONS FOR  
SUPPLY OF LABORATORY MATERIALS FOR CHEMISTRY DEPARTMENT**

Quotations are invited from reputed firms /parties for supply of listed laboratory materials for the Department of Chemistry, Pragjyotish College, Guwahati. Quotations may be submitted with Brand, Model, Price with necessary taxes and terms & conditions to the undersigned within 4 days from the date of publication of this notice.

Name of Item & Quantity : As per list enclosed

*Manoj Kr. Mahanta* 20/3/2025

Dr. Manoj Kr. Mahanta  
Principal  
Pragjyotish College  
Guwahati - 781 009

**Principal**  
**Pragjyotish College**  
**Guwahati-781009**

## List of glassware's and equipment's required

Sl No.	Chemicals	Specification	Quantity
1	Wire gauge	-	50 pcs
2	Test tube	10 mL	3 pkts
3	Conical flask	100 mL	30 pcs
4	Conical flask	250 mL	30 pcs
5	Conical flask	500 mL	30 pcs
6	Volumetric flask	100 mL	30 pcs
7	Volumetric flask	250 mL	25 pcs
8	Volumetric flask	500 mL	20 pcs
9	Volumetric flask	1000 mL	10 pcs
10	Beaker	100 mL	40 pcs
11	Beaker	250 mL	40 pcs
12	Beaker	500 mL	20 pcs
13	Burette	50 mL	30 pcs
14	Pipette	5 mL	10 pcs
15	Pipette	10 mL	10 pcs
16	Pipette	20 mL	10 pcs
17	Pipette	25 mL	10 pcs
18	Watch glass		50 pcs
19	Blotting paper sheets	-	50 sheets
20	Filter paper sheet		50 sheets
21	Filter paper (Grade 40)		10 pkts
22	Funnel	Medium	50 pcs
23	Funnel	Large	50 pcs
24	Burner		40 pcs
25	Test tube brush		30 pcs
26	Platinum wire		10 pcs
27	Buchner funnel	Small size	10 pcs
28	Water bath sonicator	10 L	1 pc
29	Burette stand		20 pcs
30	Clamp	To hold RB on magnetic stirr	20 pcs
31	Gravity bottle	Different size	20 pcs
32	Stalagmeter		6 pcs
33	Magnetic needle (diff. Size)	Small, medium	6 + 6 +6
34	Viscometer		6 pcs
35	Round bottomed flask	50 mL	10 pcs
36	Round bottomed flask	250 mL	10 pcs
37	Round bottomed flask	500 mL	6 pcs
38	Beaker	100 mL	50 pcs
39	Beaker	250 mL	25 pcs
40	Beaker	500 mL	25 pcs
41	Capillary Tube	--	10 pkts
42	Forceps	--	20 pcs
43	Chromatography paper	--	20 sheets
44	Filter Paper	General	20 pkt
45	Measuring Cylinder	100 mL	05
46	Measuring Cylinder	50 mL	05
47	Measuring Cylinder	10 mL	05

## List of Chemicals required for Practical classes

Sl No.	Chemicals	Amount	Quantity
2	Hydrogen peroxide, 30%	500 mL	06
3	Dimethyl sulphoxide	500 mL	04
4	Zirconyl nitrate solution	100 mL	02
5	Silver nitrate	10 G	02
6	Uranyl acetate	25 G	01
9	Sulphurous acid	500 mL	01
11	Acetylacetone	500 mL	04
12	Potassium carbonate	500 G	02
14	4-nitrophenol	25 G	03
15	Sulphuric acid	2.5 L	03
16	Hydrochloric acid	2.5 L	03
17	Nitric acid	2.5 L	03
18	Cobaltous nitrate	100 G	01
19	Cyclohexane	500 mL	03
20	Ammonia Solution	500 mL	12
21	Acetone	2.5 L	05
22	Petroleum ether 40-60	500 mL	06
23	Hexane	2.5 L	04
24	Ethanol	500 mL	24
25	Acetic acid	500 mL	10
26	2-propanol	500 mL	03
27	Hydroxylamine hydrochloride	100 mL	04
28	Di-sodium hydrogen phosphate	500 G	04
29	Ammonium nickel sulphate	500 G	01
30	Sodium hydroxide	500 G	04
31	Cyclohexane	500 mL	03
32	Glycerol	500 mL	03
33	Titanium dioxide	100 G	01
34	Formaldehyde	500 mL	06
35	Methanol	500 mL	12
36	Potassium Permanganate	500 g	02
37	Potassium dichromate	500 g	02
38	Sodium carbonate	500 g	03
39	Ethylacetate	500 mL	03
40	Calcium chloride Fused	500 g	04
41	Hydrazine hydrate	500 mL	04
42	Zinc Sulphate	500 g	01
43	Oxalic acid	500 g	03
44	Sodium sulphate anhydrous	100 g	05
45	Ammonium chloride	500 g	03
46	Phosphorous pentachloride	500 g	03
47	Benzoyl chloride	500 mL	03
48	Thionyl chloride	500 mL	03
49	Acetyl chloride	500 mL	03
50	Cerric ammonium nitrate	100 G	02
51	Silica gel (TLC)	500 G	04
52	Benzaldehyde	500 mL	02
53	Acetophenone	500 mL	02
54	Ortho-phenylenediamine	100 mL	03
55	Ortho-aminophenol	100 G	02

56	Ortho-aminobenzoic acid	100 G	02
57	Tetrahydrofuran	500 mL	05
58	Dimethylformamide	500 mL	03
59	p-chloro benzoic acid	100 G	02
60	Dichloro methane	2.5 L	02
61	Diethyl ether	500 mL	10
62	Potassium iodide	100 G	05
63	Benzyl alcohol	100 mL	02
64	m-CPBA	100 G	02