



# UNION CHRISTIAN COLLEGE, ALUVA

(Autonomous)

(Affiliated to Mahatma Gandhi University, Kottayam)

Re-accredited with A++ Grade by NAAC (5<sup>th</sup> Cycle)

Website: www.uccollege.edu.in E-mail: ucc@uccollege.edu.in

Post Box: 606  
ALUVA- 683 102,  
Ernakulam Dist., Kerala.  
Office: 0484 2609194,  
Principal: 0484 2606033,  
8281811703

## TENDER NOTICE

11/02/2026

Tender No : 2/25/PD-Lab

### Physics, Chemistry, Botany, Zoology, Psychology and Computer Science Departments of Union Christian College (Autonomous), Aluva -2

Sealed tenders are invited for the supply of the following\* lab materials, equipments, chemicals and glassware for the various departments in Union Christian College (Autonomous), Aluva.

\*Lists attached herewith.

The envelopes containing the tender should bear the superscription "*P D Account Tender, Department of .....* (Dept. name) *in Union Christian College (Autonomous), Aluva*" and should be addressed to THE PRINCIPAL, UNION CHRISTIAN COLLEGE (AUTONOMOUS), ALUVA-2

Last date for receipt of sealed tenders will be **07/03/2026, 3.00 pm**. Late tenders will NOT be accepted. The details regarding the same is available in the college website.

The tenders will be opened at **3.30 pm** on **07/03/2026** in the presence of tenderers or their authorized representatives who may be present at that time.

Intending tenderers may, on application to the THE PRINCIPAL, UNION CHRISTIAN COLLEGE (AUTONOMOUS), ALUVA-2 obtain the requisite tender forms on which tenders should be submitted.

Application for the tender form should be accompanied by a cash remittance of 0.2% of the quoted amount (minimum Rs 500/- + 18% GST) which is the price fixed for a form/set of forms and which is not refundable under any circumstances. The tender forms are not transferable.

Sale of tender forms will be closed at **2 pm** on **07/03/2026** cheques, postage stamps, etc., will not be accepted towards the cost of forms, nor will the forms be sent per V.P.P. Duplicate tender forms, if required will be issued at Rs.200 per copy.

An agreement has to be executed by you in the prescribed form on stamp paper of value Rs. 200/- purchased in the Kerala State as per Stores Purchase Manual 2013 along with the sealed tender.

Place: Aluva  
Date: 11/02/2026

Sd/-

THE PRINCIPAL  
Union Christian College (Autonomous),  
Aluva-2

  
Prof. Dr. Mini Alice  
Principal  
U.C College, Aluva





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Website: [www.uccollege.edu.in](http://www.uccollege.edu.in) E-mail: [ucc@uccollege.edu.in](mailto:ucc@uccollege.edu.in)

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ALUVA- 683 102,  
Ernakulam Dist., Kerala.  
Office: 0484 2609194,  
Principal: 0484 2606033,  
8281811703

## TENDER FORMAT

Tender No.....supply of materials for the Department of Physics, Chemistry, Botany, Zoology, Psychology and Computer Science in Union Christian College (Autonomous), Aluva	
<b>Union Christian College (Autonomous), Aluva-2</b>	
Due date and time for receipt of tender	<b>07/03/2026, 3.00 pm</b>
Date and time for opening of tender	<b>07/03/2026, 3.30 pm</b>
Date up to which the rates are to be firm	<b>31/05/2026</b>
Price of tender form	0.2% of quoted amount (minimum Rs.500/-+ 18% GST)
Price of duplicate copy	Rs.200
Address of Officer from whom tender forms are to be obtained and to whom tenders are to be sent:	THE PRINCIPAL UNION CHRISTIAN COLLEGE (AUTONOMOUS), ALUVA-2

Whether samples essential: No

Period within which goods should be delivered: **Two weeks after the receipt of Order**

Rates should be quoted for delivery at: **Union Christian College (Autonomous), Aluva – 2**

Other special conditions: Price should be inclusive of taxes and transportation

Place:

Date:

Name & Address of Tenderer:

Signature:

## **TERMS AND CONDITIONS**

1. All purchase rules under the Stores Purchase Manual by the Government of Kerala.
2. The latest model shall be quoted and certified.
3. The quoted price should include cost of the instrument, freight, insurance, customs duty, clearance charges, entry tax (if applicable at the time of installation), installation and commissioning.
4. Payment terms: Payment through Kerala Government treasury cheque only at Aluva.
5. The amount quoted should be inclusive of all taxes and other charges.
6. Customs duty percentage and the CIF price on which it is based should be clearly specified in the tender and if the customs duty exemption certificate is secured the corresponding amount will be deducted from the bill.
7. The tenderers should verify and make sure that the claims made by them against items towards Sales tax, customs duty, excise duty etc., are not more than those permissible under the provisions of the laws in force, and that they will refund any excess claims admitted in this respect.
8. The offers should be kept open for a period of four months from the date of opening tenders. Acceptance of the offers will be intimated to the successful tenderers within that period. Tenderers will however, be given the option to keep their offers open for a further agreed period if there be any delay in intimating the acceptance.
9. The installation should be done by the supplier free of cost.
10. Delivery period: The equipment and its accessories should be completely supplied, installed and commissioned to the satisfaction of the Department within 45 days from the date of supply order or date of L/C whichever is later.
11. Warranty: The entire equipment and its accessories should have comprehensive warranty of two years from the date of acceptance by the end user. If any spares are to be imported during warranty period, the cost, insurance, freight, customs duty and clearance charges should be given by the vendor.
12. The rates of terms of AMC (both comprehensive and labour) for a minimum period of three years after the warranty period shall be clearly specified. Both comprehensive and labour AMC amounts will be taken into consideration for final selection.
13. During warranty and AMC period, the vendor shall give an uptime guarantee of 95% or more.
14. Training: In order to fully and optimally utilize the equipment, necessary onsite training should be given to the Physics Department staff free of cost
15. List of installations in Kerala over the past three years shall be provided.
16. Number of trained engineers available in Kerala and nearest service station shall be mentioned.
17. Wherever options are called for in respect of specifications, the tenderer should induct all such options.
18. The exact specifications, details of make, model number, name of manufacturer etc., of the equipment offered must be clearly specified. Copies of detailed technical literature and illustrated brochures of the units quoted are to be included along with the offer. Offers without these are liable to be rejected. List of users giving the exact address of the contact persons and the model number of the units available at these locations have to be provided.

19. Instrument operating manuals have to be provided along with the supply.
20. Evidence of exclusive/authorized distributorship from foreign principals should be provided along with the offers for overseas products.
21. Period of firmness of the quoted prices should be clearly stated in the offer.
22. The undersigned reserves the authority to accept or reject any or all of the offers for any particular item without assigning any reason whatsoever.
23. All the rules and regulation applicable to Government tenders will be applicable to this tender also.
24. The tenderer must give an agreement on a stamp paper worth Rs.200/-.
25. The following declaration should be given by the tenderer while submitting the tender:

### **Declaration**

(a) I/we have downloaded the tender form from the Internet site [www.uccollege.edu.in](http://www.uccollege.edu.in) and I/ we have not tampered/modified the tender forms in any manner. In case, if the same is found to be tampered/modified I/we understand that my/our tender will be summarily rejected and full earnest money deposit will be forfeited and the contract will be terminated at my/our risk and cost.

(b) I/we am/are submitting a demand draft no.....dated.....  
issued by \_\_\_\_\_ for Rs.....paying Rs.....towards the cost of  
tender form.

Signature of Tenderer:

Date:

Address:

(Seal)

**PD ACCOUNT PURCHASE OF LAB  
MATERIALS 2025-26**

# List of Materials required

(Department wise)

**Union Christian College (Autonomous),  
(Autonomous), Aluva, Kerala**

**NB: Please quote for each Department SEPARATELY,  
in the order of items listed showing the Unit Price, Tax  
amount, and Total Price (Unit price X Quantity) incl. Tax.**

Eg.:

Item name	Price (Rs) per unit (kg/ml/ltr/No/pk)	Tax amount @18%	Unit price incl. tax	Qty required	Total amount incl. tax
abc	100.00/kg	18.00	118.00/kg	10 kg	<b>1180.00</b>

## DEPARTMENT OF PHYSICS

SI No	Item	Quantity required
1	Laser grating	4
2	Voltmeters	4
3	Milliammeters	4
4	Digital function generators	4
5	Spectrometers	3
6	Laser – Red, Green	2 each
7	CRO	2
8	Telescope	2
9	Microscopes	2
10	Laser Triangulation set up	2
11	Force table -set up	2
12	Brewster's angle experiment set up	2
13	Small angled prism	4
14	Hollow prisms	4
15	Vibrationless table -for optics experiments	1
16	Voltmeter	5
17	Milliammeter	5
18	Thermistor	3
19	Hall Effect	2
20	Four probe set up	2
21	Fermi energy of a metal (electrical conductivity), semiconductor set up	2
22	Distilled water unit	1
23	Hot air oven	1
24	Resistance Box Manganin Coils, 1-10000 ohms, 18 keys	8
25	DSO :UNI MAKE UTD2102CL	4
26	Polariser -for optics experiment	2
27	Analyser -for optics experiment	2
28	Resistance Box Manganin Coils, 1-20ohms, 7 keys	8
29	IC 741 and IC 555 checker	1

## DEPARTMENT OF CHEMISTRY

Sl No.	I. Chemicals (Chemistry)	Brand	Pack
1	Acetone	Any Brand	25l
2	Acetophenone	Any Brand	2.5l/500ml/1l
3	Hydrochloric Acid 35% Emplura	Merck	2.5 ltr
4	Hydrochloric Acid Commercial	Any Brand	
5	Nitric Acid	Any Brand	50kg
6	Sulphuric Acid Commercial	Any Brand	50kg
7	Alizarin Red S	Nice	10g
8	Aluminium Fluoride	Any Brand	500 gm
9	Aluminium Nitrate	Nice	500 gm
10	Aluminium Sulphate	Nice	500 gm
11	Aluminon Reagent	Any Brand	
12	4,Aminophenol (P-Aminophenol) 99%	Nice	100gm
13	2,Aminophenol (O-Aminophenol) 99%	Nice	100gm
14	Ammonia Solu. Ar Sp.0.91	Nice	2.5 ltr
15	Ammonium Carbonate	Nice	500 gm
16	Ammonium Acetate 96%	Nice	500 gm
17	Ammonium Borate	Nice	250 gm
18	Ammonium Ceric Nitrate	Nice	100 gm
19	Ammonium Chloride 99%	Nice	500 gm
20	Ammonium Fluoride	Nice	250 gm
21	Ammonium Nickel Sulphate	Nice	250 gm
22	Ammonium Oxalate	Nice	500 gm
23	Ammonium Purpurate(Murexide)	Nice	5 gm
24	Ammonium Sulphate	Nice	500 gm
25	Ammonium Sulphide Solution (Yellow)	Nice	500 ml
26	Ammonium Iron (Ii) Sulfate Hexa Hyd. Emplura	Merck	500 gm
27	Ammonium Ferrous Sulphate	Nice	500 gm
28	Ammonium Ferric Sulphate Dodecahydrate Emplura	Merck	500 gm
29	Amyl Alcohol Iso	Nice	500ml
30	Ammoniumphosphate	Nice	500 gm
31	Ammonium Thiocyanate	Nice	250 gm
32	Ammonium Molybdate	Nice	250 gm
33	Ammonium Nitrate	Nice	250 gm
34	Ammonium Nitrite	Any Brand	
35	Aniline	Any Brand	2.5l/500ml/1l
36	Anthracene 99%	Nice	100 gm
37	N-Phenyl Anthranilic Acid	Nice	25g
38	Anthranilic Acid	Nice	500g
39	Barium Acetate	Nice	500g
40	Barium Borate	Nice	500g
41	Barium Chloride Ar	Nice	500 gm
42	Barium Fluoride	Nice	500 gm
43	Barium Nitrate	Nice	500 gm
44	Barium Oxalate	Any Brand	500 gm
45	Benzoyl Chloride	Nice	500 ml
46	Benzyl Alcohol	Nice	500 ml
47	Benzidine Reagent	Nice	

48	Bromine	Any Brand	
49	Butanol	Any Brand	500 ml
50	Bipheyl (Diphenyl)	Nice	500g
51	Benzopinacol	Any Brand	100 gm
52	Benzaldehyde	Any Brand	500 ml/2.5l
53	Calcium Acetate	Any Brand	500gm
54	Calcium Fluoride	Nice	500 gm
55	Calcium Hydroxide	Nice	500 gm
56	Calcium Oxalate	Any Brand	500gm
57	Carbon Tetra Chloride Fs	Any Brand	
58	Cerium Nitrate	Any Brand	
59	Chlorobenzene	Nice	500 ml
60	Cobalt Chloride	Nice	500 gm
61	Cobalt Nitrate	ANY Brand	
62	Copper Nitrate	Nice	500 gm
63	Copper Metal Turnings	Nice	100 gm
64	Copper Foil (10x10cm, Thickness 0.1mm)	Nice	100 gm
65	Cuprous Chloride	Any Brand	500gm
66	Copper Acetate (Cupric Acetate)	Nice	250 gm
67	Dichloro Methane (Methylene Chloride)	Nice	500 ml
68	Dimethyl Glyoxime	Nice	100 gm
69	Di Sodium Hydrogenphosphate Anhy.	Nice	500 gm
70	2, 4-Dinitrophenyl Hydrazine	Nice	100 gm
71	Diphenyl Aniline	Nice	500 gm
72	Diphenyl Carbazide	Nice	500 gm
73	Diglyme	Any Brand	100 ml
74	Dithione	Any Brand	
75	Ethyl Acetate	Nice	2.5 ltr
76	Diethyl Ether	Any Brand	2.5 ltr
77	Ethyl Acetoacetate	Any Brand	500 ml
78	E.D.T.A Di Sod. Salt	Nice	500 gm
79	Eriochrome Black T Powder	Nice	25 gm
80	Ethylene Diamine	Nice	500 ml
81	Ferric Chloride	Nice	500 gm
82	Ferric Chloride Anhydrous 96%	Nice	500 gm
83	Ferrous Sulphate	Nice	500 gm
84	Ferrous Sulphide Sticks	Any Brand	1 kg
85	Dextrose Anhy. (D-Glucose)	Nice	500g/1kg
86	Hydrogen Peroxide 30% (100 Vol.)	Nice	2.5l
87	Hydrazine Hydrochloride	Any Brand	100g
88	Hydroxylamine Hydrochloride	Nice	100 gm
89	5-Hydroxy Methyl Furfural	Any Brand	
90	Iodine	Any Brand	
91	Lanthanum Nitrate	Any Brand	
92	Lithium Nitrate Anhydrous 98%	Nice	100 gm
93	Lead Acetate	Nice	500 gm
94	Lead Borate	Any Brand	500 gm
95	Lead Carbonate	Any Brand	500 gm
96	Lead Nitrate	Nice	500 gm

97	Lead Dioxide	Nice	500gm
98	Manganese Dioxide Technical	Nice	500 gm
99	Manganous Sulphate Monohydrate 99%	Nice	500 gm
100	Magnesium Borate	Any Brand	500 gm
101	Magnesium Carbonate	Any Brand	500 gm
102	Magnesium Nitrate Lr	Nice	500 gm
103	Magnesium Oxalate	Nice	500 gm
104	Magnesium Sulphate	Nice	500 gm
105	Maleic Anhydride	Any Brand	100 gm
106	Magneson Reagent	Any Brand	100 gm
107	Leishman Stain Solu. Separate	Nice	500 ml
108	Methyl Acetate	Nice	500 ml
109	Methyl Benzoate	Nice	500 ml
110	Mercuric Iodide	Any Brand	100 gm
111	Mercurous Nitrate	Any Brand	100 gm
112	Metallic Sodium	Any Brand	
113	Methyl Orange Powder	Nice	25 gm
114	Metanil Yellow	Any Brand	
115	N,N-Dimethyl Aniline - 99%	Nice	500 ml
116	N-Phenyl Anthranilic Acid 98%	Nice	25 gm
117	Naphthol Alpha (1-Naphthol)	Nice	100 gm
118	Naphthol Beta (2-Naphthol)	Nice	250 gm
119	Naphthalene	Nice	500 gm
120	Nessler's Reagent	Nice	500 gm
121	Nickel Nitrate	Nice	250 gm
122	Nickel Sulphate	Nice	250 gm
123	4-Nitroaniline 99%	Nice	100 gm
124	Nitrobenzene	Any Brand	500ml /2.5l
125	2-Nitro Aniline	Nice	100 gm
126	M-Nitro Benzoic Acid	Any Brand	100gm
127	P-Nitro Benzoic Acid	Nice	500 gm
128	O-Nitrophenol	Nice	500 gm
129	Petroleum Ether	Nice	25l
130	Phthalic Acid	Nice	500 gm
131	Phenol (Carbolic Acid)	Nice	500 gm
132	Phenylhydrazine Hydrochloride	Nice	100 gm
133	Picric Acid Saturated Solution	Nice	125 ml
134	Picolinic Acid	Nice	
135	Phenolphthalein Powder	Nice	100 gm
136	Phthalic Anhydride	Nice	500 gm
137	Potassium Carbonate	Nice	500 gm
138	Potassiumchromate 99%	Nice	500 gm
139	Potassium Dichromate Emplura	Merck	500 gm
140	Potassium Dichromate Ar	Nice	500 gm
141	Potassium Ferrocyanide	Nice	500 gm
142	Potassium Hexacyanoferrate(Ii)Trihydrate	Nice	
143	Potassium Ferricyanide	Nice	250 gm
144	Potassium Hexacyanoferrate(Iii)	Nice	
145	Potassium Hydroxide Pellets	Nice	500 gm

146	Potassium Iodide	Nice	500 gm
147	Potassium Nitrite	Nice	500 gm
148	Potassium Nitrate	Nice	500 gm
149	Potassium Nitrate Ar	Nice	500 gm
150	Potassium Oxalate	Nice	500 gm
151	Potassium Sulphate	Nice	500 gm
152	Potassium persulphate	Nice	500 gm
153	Potassium Thiocyanate	Nice	500 gm
154	Pyridine	Nice	500 ml
155	Quinaldic Acid	Nice	
156	Resorcinol X	Nice	250 gm
157	Rubeanic Acid	Nice	250 gm
158	Salicylic Acid	Nice	500 gm
159	Salicylaldehyde - 99%	Nice	100 ml
160	Schiff's Reagent	Nice	125 ml
161	Selenium Dioxide	Nice	
162	Selenium Nitrate	Nice	
163	Silica Gel Blue Coarse(3-8mesh)	Nice	500 gm
164	Silicone Grease Metroark	Nice	50 gm
165	Silica Gel For Column .Chromatography(60-120mesh)	Nice	500 gm
166	Silica Gel For Column .Chromatography (100-200mesh)	Nice	500 gm
167	Silver Nitrate	Nice	
168	Sod. Acetate Tri Hydrate	Nice	500 gm
169	Sodium Bisulphite	Nice	500 gm
170	Sodium Hydroxide Flakes L. R	Nice	500 gm
171	Sodium Hydroxide Pellet L. R	Nice	500 gm
172	Sodium Metal	Nice	100gm
173	Sodium Nitrate Lr	Nice	500gm
174	Sodium Nitrite	Nice	500 gm
175	Sodium Sulphite	Nice	500 gm
176	Sodiumtungstate	Nice	
177	Sodium Pentacyanomine Ferrate(Ii) Hexahydrate	Nice	
178	Sodium Rhodizonate	Nice	500 gm
179	Sodium Bismuthate	Nice	500 gm
180	Sodium Tartate	Nice	500 gm
181	Borax (Di Sodium Tetraborate)	Nice	500 gm
182	Sodium Thiosulphate 99%(Hypo)	Nice	500 gm
183	Sodium Chloride	Nice	250 gm
184	Strontium Carbonate	Nice	250 gm
185	Strontium Oxalate	Nice	250 gm
186	Strontium Chloride	Nice	
187	Sucrose	Nice	1kg/500g
188	Tartaric Acid	Nice	250gm
189	Tin Metal Granules	Nice	100 gm
190	O-Toluidine Ar	Nice	250 ml
191	VANADIUM SULPHATE Hydrate Pure	Nice	100gm
192	Zinc Acetate	Nice	500 gm
193	Zinc Oxalate	Nice	500 gm
194	Zinc Metal Powder	Nice	500 gm

195	Zinc Borate	Nice	Any pack
196	Zirconyl Nitrate	Nice	Any pack
197	Zirconium Chloride	Nice	Any pack
198	Zinc Dust	Nice	500gm
199	Zinc Sulfate	NICE	500gm
200	Zinc Nitrate	NICE	500gm
201	Acetic acid (Glacial)	Nice	5 l
202	Benzoic acid	Nice	500 gm
203	Cinnamic acid	Nice	500 gm
204	Methyl acetate	Nice	500 ml
205	Ethyl acetate	Nice	2.5 l
206	Oxalic acid	Nice	500 gm
207	Hexane	Nice	2.5 l
208	Sulphanilic acid	Nice	500 gm
209	Dimethyl aniline	Nice	500 gm
210	Ethyl aceto acetate	Nice	500 ml
211	Benzophenone	Nice	500 gm
212	Acetophenone	Nice	500 ml
213	Methyl benzoate	Nice	500 ml
214	Ethyl benzoate	Nice	500 ml
215	Sodium Carbonate	Nice	500 g
216	Sodium Bicarbonate	Nice	500 g
217	Ethyl alcohol	Nice	500 ml
218	Pottassium permanganate	Nice	500 g
219	Acetanilide	Nice	500 ml
220	Sodium sulphite	Nice	500 g
221	Ammonium carbonate	Nice	500 g
222	Sodium chloride	Nice	500 g
223	Zinc Sulphate	Nice	500 g
224	Barium Nitrate	Nice	500 g
225	Ammonium Borate	Nice	500 g
226	Lead Acetate	Nice	500 g
227	Ammonium Nitrate	Nice	500 g
228	Sodium Hydroxide pettets	Nice	500 g
229	Mohrs Salt	Nice	500 g
230	Anhy. Calcium Chloride	Nice	500 g
231	Quin hydrone	Nice	500 g
232	Urea	Nice	500 g
233	Benzamide	Nice	500 g
234	Sulphanilic acid (\$-Amino benzene sulphonic acid)	Nice	500 g
235	Sodium nitrite	Nice	500 g
236	N,N-dimethyl aniline	Nice	500 g
237	Ammonium Chloride	Nice	500 g
238	Hydrogen Peroxide	Nice	500 ml
239	1,10-Phenanthroline	Any brand	500 g
240	Ferric Ammonium Sulphate	Nice	500 g
241	Ammonia Solution (Ammono. Hydroxide)	Nice	500 ml
242	Copper Sulphate	Nice	500 g
243	Dimethyl Glyoxime	Any brand	500 g

244	Potassium Periodate	Any brand	500 g
245	Sulphurous Acid	Any brand	500 ml
246	Sodium meta bisulphite	Any brand	500g
247	Phosphoric acid	Any brand	500 ml
248	1,5-Diphenyl Carbazide	Any brand	100 g
249	Toluene	Any brand	2.5 l
250	Polystyrene pellet	Any brand	500g
251	Charcoal	Any brand	500 g
252	Vannillin	Any Brand	500 g

Sl.No.	Perishables (Chemistry)	Brand	Pack
1	Beaker 50ml	Any Brand	
2	Beaker 150ml	Any Brand	
3	Beaker 250ml	Any Brand	
4	Beaker 500 Ml	Any Brand	
5	Beaker 1000 Ml	Any Brand	
6	Weighing Bottle 15ml	Any Brand	
7	Condenser Liebig	Any Brand	
8	Silica Crucible Spare Lid 25ml	Any Brand	
9	Silica Crucible Spare Lid 50ml	Any Brand	
10	Silica Crucible 25ml	Any Brand	
11	Silica Crucible 50ml	Any Brand	
12	Conical Flask 50ml	Any Brand	
13	Conical Flask 100ml	Any Brand	
14	Conical Flask 250ml	Any Brand	
15	Standard Flask (Volumetric) 100 ml	Any Brand	
16	Standard Flask (Volumetric) 250 ml	Any Brand	
17	Standard Flask (Volumetric) 500 ml	Any Brand	
18	Standard Flask (Volumetric) 1000 ml	Any Brand	
19	Standard Flask (Volumetric) 50 ml	Any Brand	
20	Funnel 100mm	Any Brand	
21	Funnel 75mm	Any Brand	
22	Test Tube 15x 125mm	Any Brand	
23	Boiling Tube	Any Brand	
24	Glass Rod 8"	Any Brand	
25	Pipette Volu. 5ml	Any Brand	
26	Pipette Volu. 10ml	Any brand	
27	Pipette Volu. 20ml	Any Brand	
28	Flask Boiling Rb 50ml	Any brand	
29	Flask Boiling Rb 100ml	Any Brand	
30	Flask Boiling Rb 250ml	Any brand	
31	Centrifuge Tube Conical 15 Ml	Any Brand	
32	Watch Glass	Any brand	
33	Filter Paper Ordinary	Any Brand	
34	Whatman's No.1 Filter Paper	Any brand	
35	Wire Gauze With Asbestos Centre 6x6	Any Brand	
36	Thermometer -10 -110c 18"	Any Brand	
37	China Dish	Any Brand	

38	Thermometer 100-300 C 18"		
39	Stand For Holding Rb And Condenser	Any Brand	
40	Separating Funnel	Any Brand	
41	Measuring Jar 10 ml	Any Brand	
42	Measuring Jar 20 ml	Any Brand	
43	Rubber Cork With One Hole (24, 19, 29)	Any Brand	
44	Rubber Cork With Two Hole (24, 19, 29)	Any Brand	
45	Measuring Jar 100 ml	Any Brand	
46	Pointed Metal Tongs	Any Brand	
47	Rubber Cork (24, 19, 29)	Any Brand	
48	Clamps For Rb Flask	Any brand	
49	Distillation apparatus	Any Brand	
50	Mortar and Pestle	Any brand	
51	50mL burette	Any brand	
59	Whatman 40 filter paper 110 mm	Any Brand	
60	Whatman 1 filter paper	Any Brand	
73	Silica gel 60-120 mesh	Nice	
86	Tripod stand	Any Brand	
87	Filter paper ordinary	Any brand	
88	Butter paper	Any Brand	
89	Wire gauze	Any brand	
90	Wash bottle	Any brand	
91	Silica crucible lid (15 ml)	Any Brand	
92	Tongs for silica crucible	Any Brand	
93	Ring Clamp ( for separating funnel)	Any Brand	
94	Electric Bunsen burner	Any Brand	
95	Measuring jar 10 ml	Any Brand	
96	Measuring jar 5 ml	Any Brand	
97	Retort clamp	Any Brand	
98	Viscometer (Borosilicate)	Any Brand	
99	Stalagmometer (Borosilicate)	Any Brand	
100	Rubber tube	Any brand	
101	Rubber bulb	Any Brand	
102	Separating funnel 250 ml (24 neck)	Any brand	
	Separating funnel 100 ml (19 neck)	Any brand	
103	Thermometer (long 0. graduation)	Any brand	
104	Multimeter DM 86	Any Brand	
105	Conductivity Meter (model: ST2011)	Any Brand	
106	Hoffmans tubing clamp	Any Brand	
107	Double holed rubber cork for boiling tube	Any Brand	
108	Glass rod	Any Brand	
109	Automatic digital refractometer (Model DG NXT )	Any Brand	

## DEPARTMENT OF BOTANY

Sl. No	I. Chemicals (Botany)	Quantity	Number of Bottles required
1.	<i>2,3,5- Triphenyl Tetrazolium chloride (TTC)</i>	500 gm	2
2.	Ammonium chloride	500 gm	3
3.	Ammonium hydroxide	500 ml	2
4.	Bovine serum albumin	500 gm	2
5.	<i>Bradford Reagent</i>	500 ml	3
6.	<i>chloral hydrate</i>	1 gm	2
7.	<i>Clove oil</i>	50 ml	3
8.	DPX mountant	250 ml	5
9.	Ethidium bromide	10 ml	2
10.	Fast green solution		1
11.	Fehling's solution A	500 ml	3
12.	Fehling's solution B	500 ml	3
13.	Ferric chloride solution	500 ml	2
14.	Ferrous sulphate	500 gm	3
15.	Glycerin	500 ml	5
16.	Glycerol	500 ml	2
17.	Glycine	500 ml	5
18.	Gram staining kit	100 ml	5
19.	Hexane	500 ml	3
20.	Isopropanol	500ml	2
21.	Monobasic sodium phosphate	500 gm	3
22.	Ninhydrin powder	50 gm	3
23.	Ninhydrin solution	100 ml	2
24.	Nutrient agar	100 gm	2
25.	Phenolphthalein	50 gm	2
26.	Picric acid	500 ml	2
27.	Potassium phosphate dibasic	500 gm	1
28.	Potassium phosphate monobasic	500 gm	2
29.	Pyridine	500 ml	3
30.	Safranin Stain solution	100 ml	5
31.	Sodium alginate	500 gm	3
32.	Sodium hydroxide	500 gm	3
33.	Sodium hydroxide pellet	500 gm	3
34.	Sodium nitrite	500 gm	2
35.	Sodium phosphate monobasic	500 gm	1
36.	Sodium phosphate dibasic	500 gm	1
37.	Sodium potassium tartrate	250 gm	2
38.	Sulphanilic acid	500 gm	3
39.	<i>Teritary butyl alcohol</i>	500 ml	2
40.	<i>Tert butyl phenol</i>	500 ml	2
41.	Toluene	500 ml	2
42.	<i>Trypan Blue Dye</i>		1
43.	<i>Wax</i>		2 Nos
44.	<i>Whatman 's filter paper</i>		20 sheets

S No	II. Glasswares (Botany)	Specifications, if any	Quantity
1.	Beaker	250 ml	30 Nos
2.	Beaker	500ml	20 Nos
3.	Beaker	1000 ml	20 Nos
4.	Conical flask	500 ml	10
5.	Conical flask	1 litre	20
6.	Cork borer	4	4
7.	Cover glass	normal	10 box
8.	Funnel	Small	30
9.	Glass rod		30 Nos
10.	Measuring cylinder	10 ml	5
11.	Measuring cylinder	50 ml	5
12.	Measuring cylinder	100 ml	3
13.	Petri plates	90 x 15 mm	50 Nos
14.	Slide	Normal	10 box

S No	III. Consumables (Botany)	Specifications, if any	Quantity
1.	brush	small	25
2.	Dropper		12
3.	Forceps large		10
4.	Forceps small		40
5.	Grafting knife		12
6.	Grafting tape		5
7.	Inoculation loop		10
8.	Inoculation straight wire		10
9.	Needle	Small	25
10.	Pipette bulb- plastic	Small	15
11.	Pipette bulb- plastic	Big	10
12.	Scalpel		10
13.	Scalpel blade		5 box
14.	Tray	Metal	25
15.	Wash bottle		25

S No	IV. Equipments (Botany)	Specifications, if any	Quantity
1.	Weighing Machine	Milligram (mg) weighing machines, pharmaceutical applications, precision with a typical resolution of 0.001 grams (1 mg)	1
2.	Weighing Machine	Gram weighing machines, lab applications, precision with a typical resolution of 1 grams	1

# DEPARTMENT OF ZOOLOGY

## CHEMICALS (Zoology)

Sl No.	Item	Brand	Pack
1	Ammonium hydroxide	Nice	500 ml
2	Ammonium molybdate	Nice	100gm
3	Ampicillin discs	Himedia	Pkt
4	Baritt's reagent A	Nice	125ml
5	Baritt's reagent B	Nice	125ml
6	Benzene	Nice	500ml
7	Biuret reagent	Nice	125ml
8	Brilliant Green Lactose Broth (BGLB)	Himedia	100gm
9	Bromophenol blue	Nice	5 gm
10	BSA (Bovine serum albumin)	Nice	5 gm
11	Cholesterol stock solution	Nice	125 ml
12	Combined antibody kit (ABD antiserum for Blood grouping)	Nice	Kit
13	Dinitrosalicylic acid	Nice	25 gm
14	DPX mountant	Nice	250 ml
15	EMB agar	Himedia	100gm
16	Eosin	Nice	125 ml
17	Erythromycin discs	Himedia	Pkt
18	Haematoxylin	Nice	125 ml
19	Hydrogen peroxide	Nice	500ml
20	Kligler's iron agar	Himedia	100gm
21	Kovacs indole reagent	Himedia	100 ml
22	Manganese sulphate	Nice	500gm
23	Methyl Benzoate	Nice	250ml
24	Methyl orange	Nice	125ml
25	MR-VP medium	Himedia	100 gm
26	Neutral red (Solution)	Himedia	125 mL
27	N,N,N',N'-Tetramethyl-p-phenylenediamine dihydrochloride	Nice	5gm
28	Nutrient Agar	Himedia	100 gm
29	Nutrient Broth	Himedia	100 gm
30	Para nitrophenyl phosphate disodium	Nice	5gm
31	Penicillin discs	Himedia	Pkt
32	Peptone	Himedia	100 gm
33	Potassium iodide	Nice	100 gm
34	Potassium thiocyanate	Nice	500gm
35	Schiff's Reagent	Nice	125 ml
36	Sodium chloride	Nice	500gm
37	Sodium hydroxide Pellets	Nice	500gm
38	Sodium potassium tartrate	Nice	250gm
39	Stannous chloride	Nice	100gm
40	Sulphuric acid	Nice	500 ml
41	Tetracycline	Himedia	Pkt
42	Triammonium citrate	Nice	500gm
43	Tryptone broth	Himedia	100 gm
44	Xylene	Nice	500ml
45	Yeast extract	Himedia	100 gm

<b>EQUIPMENTS (Zoology)</b>			
<b>Sl.No</b>	<b>Item</b>	<b>Pack</b>	
46	Water Distillation unit (Single distillation, 1.5 LPH)	Nos	
47	Ocular Micrometer	Nos	
48	Stage Micrometer	Nos	
49	Dissection Lamps	Nos	
50	Pipette pump (5 mL)	Nos	
51	Pipette pump (10 mL)	Nos	
52	Sphygmomanometer	Nos	
53	Wash bottle (plastic)	Nos	
54	Tray (steel)	Nos	
<b>CONSUMABLES (Zoology)</b>			
<b>SI No</b>	<b>Item</b>	<b>Pack</b>	
55	Cotton (Absorbant)	Roll	
56	Aluminium Foil	Roll	
57	Tissue paper	Roll	
58	Whatman No. 1 filter paper	pkts	
59	Filter paper (ordinary)	Sheets	
60	Lancet	Nos	
61	Tooth pick	pkts	
62	Cover slip (Rectangle)	pkts	
63	Cover slip round	pkts	
64	Cockroaches	Nos	
65	Penaeus	Nos	
66	Plankton sample	ml	
<b>GLASSWARES (Zoology)</b>			
<b>SI No</b>	<b>Item</b>	<b>Pack</b>	
67	Petri plates	nos	
68	Test tubes with rim (27 ml)	nos	
69	Durham's tube	nos	
70	Glass pipette (5ml)	nos	
71	Glass pipette (10ml)	nos	
72	Glass rod	nos	
73	Glass Slide	pkt	
74	Cavity slide	pkt	
75	Beakers (100 ml)	nos	
76	Beakers (250 ml)	nos	
77	Conical flask (250 ml)	nos	

## DEPARTMENT OF PSYCHOLOGY

Sl. No.	Item
1.	NIEPID Test of Intelligence
2.	Cognitive Assessment System (CAS)
3.	Vineland Social Maturity Scale (VSMS )
4.	Wallach and Kogan Creativity Test (WKCT)
5.	Myers Briggs Type Indicator
6.	GSR Biofeedback
7.	Self Actualization Scale (English)
8.	Teacher Effectiveness Scale
9.	Sports Specific Personality Test
10.	Psychological Capital Assessment Scale
11.	Wechsler Memory Scale - <i>Manual</i>
12.	Naglieri Non-verbal Ability Test (NNAT)
13.	Standard Progressive Matrices (SPM)
14.	Children's Apperception Test
15.	Rosenzweig Picture Frustration Test
16.	Millon Clinical Multiaxial Inventory (MCMI)
17.	Stop Watch

## DEPARTMENT OF COMPUTER SCIENCE

SI No	Item	Number required
1	Digital IC Trainer Kit	4