



N. S. S. COLLEGE

PANDALAM
PATHANAMTHITTA (DIST)
KERALA STATE
Ph: 04734252221

(Re-Accredited with 'A' Grade by NAAC)

No: A1/19/2025

Date:27/3/2025

Tender Notice

N.S.S. College Pandalam invites tenders from interested parties for the supply of library books, laboratory equipments, sports equipments, sports uniforms, visual education equipments, etc., using the P.D.fund amount for the academic year 2024-2025. Tenders are invited for a purchase of approximately Rs. 5 lakhs. Tender cost as per P.D. (Store Purchase Manual) Act, SGST/ CGST security deposit and EMD will be applicable. Tender form is available from the college office from 01.04.2025. Tenders will be accepted up to 1 pm on 25.04.2025. Tenders will be opened on the same day at 2 pm and the tenders of the lowest amount will be accepted.




Principal
Principal-in-Charge
NSS College, Pandalam

P.G & Research Department of Zoology
N.S.S College, Pandalam

Requirement

2025-26

Sl No:	Items	Quantity	Make
1	1,10 PHENATHROLINE REAGENT	5g	MERCK/BDH/QUALIGEN/NICE
2	ACETIC ACID GLACIAL	500ml	MERCK/BDH/QUALIGEN/NICE
3	ALPHA NAPHTHYL AMINE HYDROCHLORIDE	250	MERCK/BDH/QUALIGEN/NICE
4	ACETO ORCEIN	500ml	MERCK /BDH/QUALIGEN/NICE
5	ACETOCARMINE STAIN	100 ml	MERCK/BDH/QUALIGEN/NICE
6	ACETONE	500ml	MERCK/BDH/QUALIGEN/NICE
7	ACETYL CHOLINE IODIDE	5g	SRL/NICE
8	ADRENALINE	1g	MERCK/BDH/QUALIGEN/NICE
9	AGAR AGAR BACTO	500g	SIGMA/OTTO/NICE
10	ALBUMIN(BOVINE SERUM)POWDER	5g	MERCK/BDH/QUALIGEN/NICE
11	ALIZARINE RED	25g	NICE
12	ALLYL THIOUREA	10g	MERCK/BDH/QUALIGEN/NICE
13	AMMONIUM CHLORIDE	150g	MERCK/BDH/QUALIGEN/NICE
14	AMMONIUM HYDROXIDE	150g	MERCK/BDH/QUALIGEN/NICE
15	AMMONIA SOLUTION	500ml	MERCK/BDH/QUALIGEN/NICE
16	ANTHRONE	25 g	MERCK/BDH/QUALIGEN/NICE
17	BARIUM CHLORIDE	500g	MERCK/BDH/QUALIGEN/NICE
18	BARIUM HYDROXIDE	500g	MERCK/BDH/QUALIGEN/NICE
19	BENEDICT'S SOLUTION	500ml	MERCK/BDH/QUALIGEN/NICE
20	BLOOD GROUPING ANTI-A.B.D SERUM		/NICE
21	BOVINE SERUM ALBUMIN	100g	MERCK/BDH/QUALIGEN/NICE
22	BROMOCRESOL PURPLE	125ml	MERCK/BDH/QUALIGEN/NICE
23	BROMOPHENOL BLUE	100ml	MERCK/BDH/QUALIGEN/NICE
24	N- BUTYL ALCOHOL	500ml	MERCK/BDH/QUALIGEN/NICE
25	BRUCINE SULPHATE	500gms	MERCK/BDH/QUALIGEN/NICE
26	CADMIUM CHLORIDE	100g	MERCK/BDH/QUALIGEN/NICE
27	CALCIUM CARBONATE	500g	MERCK/BDH/QUALIGEN/NICE
28	CALCIUM CHLORIDE	500g	MERCK/BDH/QUALIGEN/NICE
29	CHLOROFORM	500ml	MERCK/BDH/QUALIGEN/NICE
30	CHOLESTEROL STANDARD	250g	MERCK/BDH/QUALIGEN/NICE
31	CHROMATOGRAPHIC PAPER	10 sheets	WHAT MAN/NICE
32	CONC.SULPHURIC ACID	500ml	MERCK/BDH/QUALIGEN/NICE
33	COPPER SULPHATE	500g	MERCK/BDH/QUALIGEN/NICE
34	COTTON ROLL (LARGE)	-	-
35	DEXTROSE	500g	MERCK/BDH/QUALIGEN/NICE

36	DIETHYL ETHER	500ml	MERCK/BDH/QUALIGEN/NICE
37	DIPHENYL AMINE	250g	MERCK/BDH/QUALIGEN/NICE
38	DIPOTASSIUM HYDROGEN PHOSPHATE	500g	MERCK/BDH/QUALIGEN/NICE
39	DISODIUM HYDROGEN PHOSPHATE	500g	MERCK/BDH/QUALIGEN/NICE
40	DL- VALINE	5g	MERCK/BDH/QUALIGEN/NICE/LOBA CHEMIE
41	DNA SODIUM SALT	5g	MERCK/BDH/QUALIGEN/NICE/HIMEDIA
42	DPX	500ml	MERCK/BDH/QUALIGEN/NICE
43	EDTA DISODIUM SALT	100g	MERCK/BDH/QUALIGEN/NICE
44	ERIOCHROME BLACK T INDICATOR	100 ml	MERCK/BDH/QUALIGEN/NICE
45	FEHLING SOLUTION A	500ml	MERCK/BDH/QUALIGEN/NICE
46	FEHLING SOLUTION B	500ml	MERCK/BDH/QUALIGEN/NICE
47	FERRIC CHLORIDE ANHYD	500g	MERCK/BDH/QUALIGEN/NICE
48	FERROUS AMMONIUM SULPHATE	500gm	MERCK/BDH/QUALIGEN/NICE
49	FERROUS SULPHATE	500g	MERCK/BDH/QUALIGEN/NICE
50	FERROUS SULPHIDE STICKS	500g	MERCK/BDH/QUALIGEN/NICE
51	FERROIN INDICATOR	25 ml	MERCK/BDH/QUALIGEN/NICE
52	FOLIN CIOCALTEU REAGENT	100ml	MERCK/BDH/QUALIGEN/NICE
53	FORMALDEHYDE	5l	NICE/MERCK//QUALIGEN/NICE
54	GLACIAL ACETIC ACID (ALDEHYDE FREE)	5l	MERCK/BDH/QUALIGEN/NICE
55	GLUCOSE POWDER	100g	MERCK/BDH/QUALIGEN/NICE
56	GLUCOSE STAND SOLU 1%	125ml	NICE
57	GLYCEROL	2x500ml	MERCK/BDH/QUALIGEN/NICE
58	GLYCINE	500ml	MERCK/BDH/QUALIGEN/NICE
59	GLYCOGEN (for Biochemistry)	5g	MERCK/BDH/QUALIGEN/NICE/LOBA CHEMIE
60	GRAM STAINING KIT	1	-
61	HEPARIN	50g	
62	HYDRO CHLORIC ACID	500ml	MERCK/BDH/QUALIGEN/NICE
63	HYDROXYL AMINE HYDROCHLORIDE	100g	MERCK/BDH/QUALIGEN/NICE
64	IODINE CRYSTALS	100g	MERCK/BDH/QUALIGEN/NICE
65	ISOPROPYL ALCOHOL	500ml	NICE
66	WHATSMAN FILTER PAPER CIRCULAR	1 pack	/NICE
67	L- ASPARTIC ACID	5g	MERCK/BDH/QUALIGEN/NICE/LOBA CHEMIE
68	L-PROLINE	5g	MERCK/BDH/QUALIGEN/NICE/LOBA CHEMIE
69	L-TRYPTOPHAN	5g	MERCK/BDH/QUALIGEN/NICE/LOBA CHEMIE
70	LEISHMAN STAIN	25ml	NICE

71	MAGNESIUM CHLORIDE	500g	MERCK/BDH/QUALIGEN/NICE
72	MAGNESIUM SULPHATE	500g	MERCK/BDH/QUALIGEN/NICE
73	MAIZE POWDER	100g	ANY
74	MANGANOUS SULPHATE	500g	MERCK/BDH/QUALIGEN/NICE
75	METHANOL	2l	MERCK/BDH/QUALIGEN/NICE
76	METHYL ISOCYANITE	500ml	ANY
77	METHYL RED SODIUM SALT	125ml	MERCK/BDH/QUALIGEN/NICE
78	METHYL RED INDICATOR	125 ml	MERCK/BDH/QUALIGEN/NICE
79	METHYLENE BLUE AQUEOUS	125ml	MERCK/BDH/QUALIGEN/NICE
80	METHYLENE BLUE ALKALINE	125ml	MERCK/BDH/QUALIGEN/NICE
81	METHYL ORANGE	50 gms	MERCK/BDH/QUALIGEN/NICE
82	MG SALT OF EDTA	100g	MERCK/BDH/QUALIGEN/NICE
83	MACCONKEY AGAR	100g	HI MEDIA
84	NEPAGIN	5g	HM/NICE
85	NESSLER'S REAGENT	100 ml	MERCK/BDH/QUALIGEN/NICE
86	NEUTRAL RED	10g	MERCK/BDH/QUALIGEN/NICE
87	NILE BLUE SULPHATE	25g	MERCK/BDH/QUALIGEN/NICE
88	NINHYDRIN	10g	MERCK/BDH/QUALIGEN/NICE
89	NITRIC ACID	500ml	MERCK/BDH/QUALIGEN/NICE
90	ORCINOL	100g	MERCK/BDH/QUALIGEN/NICE
91	ORTHO PHOSPHORIC ACID	500ml	MERCK/BDH/QUALIGEN/NICE
92	OXALIC ACID	500g	MERCK/BDH/QUALIGEN/NICE
93	PARA DIMETHYL AMINO BENZALDEHYDE	100g	ANY
94	PARA PHENYLENE DIAMINE	100g	HM/NICE
95	PHENOL	1bottle/500g	MERCK/BDH/QUALIGEN/NICE
96	WHITE PHENOL	1bottle/500g	MERCK/BDH/QUALIGEN/NICE
97	pH INDICATOR PAPER(BROAD RANGE)	10 book	BDH/QUALIGEN/NICE
98	pH BUFFER TABLETS(4,7,9.2)	2 bottles each	BDH/QUALIGEN/NICE
99	PHENOLPHTHALEIN INDICATOR	125ml	MERCK/BDH/QUALIGEN/NICE
100	PHENOLPHTHALEIN POWDER	50g	MERCK/BDH/QUALIGEN/NICE
101	PHOSPHOTUNGSTIC ACID		
102	POTASSIUM CHLORIDE	500g	MERCK/BDH/QUALIGEN/NICE
103	POTASSIUM CHROMATE	500g	MERCK/BDH/QUALIGEN/NICE
104	POTASSIUM DICHROMATE	500g	NICE
105	POTASSIUM DIHYDROGEN PHOSPHATE	500g	MERCK/BDH/QUALIGEN/NICE
106	POTASSIUM HYDROXIDE FLAKES	500g	MERCK/BDH/QUALIGEN/NICE
107	POTASSIUM IODIDE	250g	MERCK/BDH/QUALIGEN/NICE
108	POTASSIUM NITRATE (ANHYDROUS)	500g	MERCK/BDH/QUALIGEN/NICE
109	POTASSIUM SODIUM TARTARATE	500g	MERCK/BDH/QUALIGEN/NICE
110	PROPIONIC ACID	500ml	MERCK/BDH/QUALIGEN/NICE

111	PROLINE	5g	
112	RBC DILUTING FLUID	125ml	NICE
113	ROSALIC ACID	25g	NICE
114	ROUND FILTER PAPER	3 boxes	MERCK/BDH/QUALIGEN/NICE
115	SCHIFF'S REAGENT	100ml	MERCK/BDH/QUALIGEN/NICE
116	SODIUM ACETATE	250g	MERCK/BDH/QUALIGEN/NICE
117	SILVER NITRATE	25g	MERCK/BDH/QUALIGEN/NICE
118	SODIUM BICARBONATE	250g	MERCK/BDH/QUALIGEN/NICE
119	SODIUM CARBONATE	500g	MERCK/BDH/QUALIGEN/NICE
120	SODIUM CHLORIDE	500g	MERCK/BDH/QUALIGEN/NICE
121	SODIUM CITRATE	500g	MERCK/BDH/QUALIGEN/NICE
122	SODIUM FLUORIDE	500g	MERCK/BDH/QUALIGEN/NICE
123	SODIUM HYDROXIDE PELLETS	500g	MERCK/BDH/QUALIGEN/NICE
124	SODIUM PHOSPHATE	500g	MERCK/BDH/QUALIGEN/NICE
125	SODIUM POTASSIUM TARTARATE	500g	MERCK/BDH/QUALIGEN/NICE
126	SODIUM SULPHATE	500g	MERCK/BDH/QUALIGEN/NICE
127	SODIUM SULPHATE ANHY	500g	MERCK/BDH/QUALIGEN/NICE
128	SODIUM THIO SULPHATE	500g	MERCK/BDH/QUALIGEN/NICE
129	STANNOUS CHLORIDE	100g	MERCK/BDH/QUALIGEN/NICE
130	SODIUM FLUOROSILICATE	500g	MERCK/BDH/QUALIGEN/NICE
131	STARCH SOLUBLE	500g	MERCK/BDH/QUALIGEN/NICE
132	SULPHANILIC ACID	100g	MERCK/BDH/QUALIGEN/NICE
133	SULPHO SALISYLIC ACID	500ml	MERCK/BDH/QUALIGEN/NICE
134	SULPHURIC ACID	500 ml	MERCK/BDH/QUALIGEN/NICE
135	SOYABEAN CAESIN DIGEST AGAR	100g	HI MEDIA
136	TERGITOL AGAR	100 g	HI MEDIA
137	THYMOL BLUE POWDER	5g	MERCK/BDH/QUALIGEN/NICE
138	TRISODIUM CITRATE	500 g	MERCK/BDH/QUALIGEN/NICE
139	TRYPTOPHAN	5g	MERCK/BDH/QUALIGEN/NICE/LOBA CHEMIE
140	UNIVERSAL INDICATOR	100 ml	QUALIGEN/MERCK/NICE
141	URIC ACID		
142	WHATMAN FILTER PAPER (CICEL)	100 Circle	
143	WAX WITH CERECIN	500g	MERCK/BDH/QUALIGEN/NICE
144	WBC DILUTING FLUID	125ml	NICE
145	WRIGHTS STAIN	125ml	NICE
146	ZIRCONYL CHLORIDE	100g	ANY
147	AMINOACID KIT	1	MERCK/BDH/QUALIGEN/NICE
148	FERROIN INDICATOR	25 ml x 4	MERCK/BDH/QUALIGEN/NICE
149	NINHYDRIN POWDER		QUALIGEN/MERCK/NICE
150	FERROUS SULPHATE STICK	500gm	MERCK/BDH/QUALIGEN/NICE
151	METHANOL	500ml	QUALIGEN/MERCK/NICE
152	THYMOL BLUE INDICATOR	100ml x 5	MERCK/BDH/QUALIGEN/NICE

	SOLUTION		
153	PHENOPHTHALEIN POWDER	500gm	QUALIGEN/MERCK/NICE
154	PHENOPHTHALEIN INDICATOR SOLUTION	250ml	MERCK/BDH/QUALIGEN/NICE

REQUIREMENT OF GLASS WARES TO THE PG AND RESEARCH DEPARTMENT OF ZOOLOGY

1	TEST TUBES 15X150	1	BOROSIL
2	PETRI DISH 100X17	1 PAIR	BOROSIL
3	MICROGLASS SLIDE 75X25 mm	1 PACKET	BOROSIL
4	BOD BOTTLES 250ml	1	BOROSIL
5	PLANKTON COUNTING CHAMBER	1	ANY
6	REAGENT BOTTLE 250ml (Screw cap)	1	BOROSIL
7	REAGENT BOTTLE 250ml(Glass stopper)	1	QUALIGEN
8	BEAKER 50ml		BOROSIL
9	BEAKER 100ml	1	BOROSIL
10	BEAKER 250ml	1	BOROSIL
11	BEAKER 500ml	1	BOROSIL
12	BEAKER 1litre	1	BOROSIL
13	MEASURING CYLINDER 100ml	1	BOROSIL
14	MEASURING CYLINDER 250ml	1	BOROSIL
15	MEASURING CYLINDER 500ml	1	BOROSIL
16	MEASURING CYLINDER 1 Litre		
17	MEASURING CYLINDER 50ml	1	TARSON
18	MEASURING CYLINDER 100ml	1	TARSON
19	MEASURING CYLINDER 250ml	1	TARSON
20	CONICAL FLASK 1 Ltr	1	BOROSIL
21	CONICAL FLASK 500 ml	1	BOROSIL
22	CONICAL FLASK 250ml	1	BOROSIL
23	CONICAL FLASK 100ml	1	BOROSIL
24	RECTANGULAR COVER SLIP 22X40mm	1 PACKET	-
25	ROUND COVERS LIP 18X18	1 PACKET	-
26	BURETTE SCREW TYPE	1	BOROSIL
27	BURETTE STAND		ANY
28	TEST TUBE STAND	5	ANY
29	FILTER PAPER (NORMAL)		ANY
30	FUNNEL 2.5mm	1	ANY
31	GLASS ROD	5	ANY
32	PETRY DISH 100X15	1	-
33	PIPETTES 1 ml	5	BOROSIL
34	PIPETTES 2 ml	5	BOROSIL
35	PIPETTES 5ml	5	BOROSIL
36	PIPETTES 10 ml	5	BOROSIL
37	PIPETTES 20ml	5	BOROSIL
38	STANDARD FLASK 100 ml	1	BOROSIL
39	STANDARD FLASK 250 ml	1	BOROSIL

40	STANDARD FLASK 500 ml	1	BOROSIL
41	WATCH GLASS 7.5 cm		-
42	CAVITY SLIDE	1 PACKET	BLUESTAR
43	WATER DISTILLATION UNIT (1.4ltr/hr)	1	BOROSIL
44	RUBBER BULB (SMALL)	10	ANY
45	RUBBER BULB (MEDIUM)	10	ANY
46	RUBBER BULB (LARGE)	10	ANY
47	CAMERA LUCIDA (PRISM TYPE)	2	ANY
48	CAMERA LUCIDA (MIRROR TYPE)	2	ANY
49	HAEMOCYTOMETER	5	ANY
50	THERMOMETER (MERCURY)	1	ANY
51	THERMOMETER (ALCOHOL)	1	ANY

N.S.S. College, Pandalam

PG & Research Department of Physics

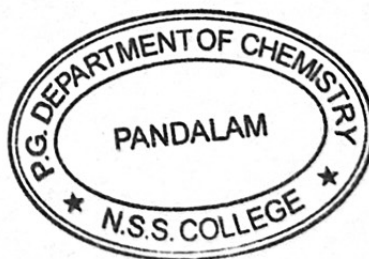
Requirement - Chemicals and Perishables (2025)

Sl.No	Item
1.	Travelling Microscope
2.	Battery Eliminator (IC regulated and Non Regulated)
3.	Dual power supply with +12, -12 and GND
4.	Milli ammeter (0-500 mA), (0-300 mA)
5.	Voltmeter (0-2V), (0-10 V)
6.	Rectifier Board
7.	Standard Resistance (1,2 ohms)
8.	Stopwatch (Analogue and digital)
9.	Zener diode, 6 V
10.	Transistors, SL 100, BC 107, CL 100, BD137, BD139
11.	Potassium Permanganate
12.	Acetone
13.	Kater's Pendulum (full set)
14.	Liquid lens complete setup
15.	Multimeter Digital (Metravi or similar brand)
16.	Mercury
17.	Extension Board
18.	CF Bridge
19.	Scale & Telescope
20.	Heating Mantle with temperature controller
21.	Compass Box
22.	Galvanometer
23.	Fractional Resistance Box
24.	Mercury
25.	Boiling tube
26.	Temperature coefficient Cu Coil
27.	Potentiometer resistivity wire
28.	Bar Magnets
29.	Keys – 2way, 3 way, 6 way, One way plug
30.	Bread Board
31.	Wire stripper
32.	Rheostat

DEPARTMENT OF CHEMISTRY
List of Chemicals and Glass Wares-2025

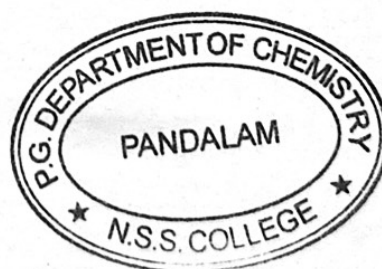
LIST OF CHEMICALS

No.	DESCRIPTION	BRAND	QUANTITY
1	Acetic acid glacial	Nice/Molichem	2.5 litres
2	Acetone	Nice/Molichem	500 × 1
3	Amm. ferric sulphate AR	Nice/Molichem	500 × 1
4	Amm. ferrous sulphate	Nice/Molichem	500 × 1
5	Ammonium chloride	Nice/Molichem	500 × 1
6	Charcoal activated	Nice/Molichem	1 kg × 1
7	Chloroform	Nice/Molichem	500 × 1
8	Copper sulphate AR	Nice/Molichem	500 × 1
9	Diethyl ether	Nice/Molichem	500 × 1
10	EDTA disodium salt	Nice/Molichem	100 × 1
11	Filter paper Ordinary No: 81		1 Sheets
12	Filter paper Whatman No. 1	Whatman	1 pkt
13	Filtre paper Whatman No. 40	Whatman	1 pkt
14	Filtre paper Whatman No. 41	Whatman	1 pkt
15	Hexane	Nice/Molichem	500 × 1
16	Hydrochloric acid (commercial)	Nice/Molichem	2.5 litres
17	Hydrogen peroxide	Nice/Molichem	500 × 1
18	Lead dioxide	Nice/Molichem	250 x 1
19	Liquor ammonia	Nice/Molichem	2.5litres
20	Nitric acid pure	Nice/Molichem	2.5 litres
21	Phenol	Nice/Molichem	500 × 1
22	Silica Gel for TLC	Nice/Molichem	500 × 1
23	Sodium hydroxide pellets	Nice/Molichem	500 × 1
24	Sodium thio sulphate	Nice/Molichem	500 × 1
25	Starch	Nice/Molichem	100 x 1
26	Sulphuric acid (commercial)	Nice/Molichem	2.5 litres
27	Zinc sulphate AR	Nice/Molichem	500 × 1



NSS College Pandalam
Dept of Chemistry
List of Glass Wares and Equipments

No.	DESCRIPTION	BRAND	QUANTITY
1	Burette (50 ml)	Borosil/M-sil/Ventech/ Borosilicate	1 nos
2	Beaker (500 ml)	"	1 nos
3	Beaker (250 ml)	"	1 nos
4	Funnel	"	1 nos
5	Separating Funnel (250 ml)	"	1 nos
6	Fussion tube	"	1 box
7	Iodine Falsk	"	1 nos
8	Capillary tube	"	1 Box
9	Melting Point Capillary Tube	"	1 Box
10	China Dish 75 mm	"	1 Nos
11	Thermometer Sensitive 1/10 Temp 0-110°C 450 mm long	Glass	1 Nos
12	Crucible lid	Clay	1 nos
13	Dropper Teflon	Teflon	1 nos
14	Wire Gauge Double Asbestos framed	Metal	1 nos



AMBILY.P.R
ASSISTANT PROFESSOR & HEAD



DEPARTMENT OF GEOGRAPHY
N.S.S COLLEGE, PANDALAM
(Reaccredited with 'A' Grade by NAAC)
PATHANAMTHITTA- Dist: KERALA
PIN- 689 501
Mob: 09495461724
Email- ambuprabhakar@gmail.com

24.03.2025

To
The Principal
NSS College
Pandalam

Subject: Request for Departmental Requirements – Purchase Through PD Fund

Respected Sir

I am writing to formally request the purchase of essential items for the Department of Geography using the PD fund.

Below is a list of the required items:

1. **Prismatic Compass**
2. **Plane Table**
3. **Toposheets**
4. **Weather Maps**
5. **Minerals**
6. **Rock Specimens**
7. **Maps**
8. **Tracing Tables**
9. **GPS**

We kindly request your approval to proceed with the procurement process at the earliest.

Sincerely



Ambily P R

N. S. S. College, Pandalam
P. G. and Research Department of Botany
PD Purchase 2025 - Requirements for Quotation

Sl. No	Item
CHEMICALS	
1	Acetic Acid (Glacial) 500ml
2	Acetone 500ml
3	Agarose
4	Aluminium Foil 100g
5	Ascorbic Acid 100g
6	Bee Wax 500g
7	Benzene 500ml
8	Bovine Serum Albumin (BSA)
9	Bradford Reagent
10	Butanol 500ml NICRE
11	Calcium Chloride 500g
12	Casein
13	Chloroform 500ml
14	Chromatography Paper sheet
15	Citric Acid 100ml
16	Clark's Solution
17	Clove Oil 100ml
18	Congo Red
19	Coomassie Brilliant Blue
20	Copper Sulphate 100g
21	Crystal Violet 100g
22	Dibasic Sodium Phosphate 100g
23	Dinitro Salicylic Acid 500ml
24	Diphenyl Amine 500ml
25	Disodium Hydrogen Orthophosphate 500ml
26	Eosin
27	Ethanol Amine
28	Ethidium Bromide 500ml
29	Ethyl Acetate 500ml
30	Ethyl Alcohol (Ethanol) 500ml
31	Ferrous sulphate 500 gm
32	Folin Ciocalteu reagent 125ml
33	Formalin 500ml
34	Guaic acid 100ml
35	Haematoxylin
36	Hexane 500ml
37	Isoamyl Alcohol 500ml
38	Isopropyl Alcohol 500ml
39	Methanol 500ml
40	Monobasic Sodium Phosphate 100g
41	Murexide Indicator
42	n-Butanol 500ml
43	Ninhydrin Reagent
44	Orthophosphoric acid 500g
45	Paraffin Wax 500g
46	Petroleum Ether 500ml
47	Phenol 500ml

48	Phenolphthaline Indicator
49	Potassium Phosphate 500g
50	Phosphate Buffer
51	Roshelle Salt Solution
52	Sodium dodecyl sulphate 500g
53	Schiff's Reagent
54	Silicagel (Column) 500g
55	Silica gel Pre-coated plates (4 Sheets)
56	Silver Nitrate 100g
57	Sodium Acetate 500ml
58	Sodium Carbonate 500g
59	Sodium Chloride 500g
60	Sodium citrate 500g
61	Sodium Potassium Tartarate 500ml
62	Sulphuric Acid (Concentrated) 500ml
63	Tertiary Butyle Alcohol (TBA) 500ml
64	Trichloro Acetic Acid (TCA) 500ml
65	Tris-aminophthane
66	Tris-salt
67	Trizol
68	Whatman Filter Paper No.1 pkt.11cm
69	Xylene / Xylol 500ml
GLASSWARES	
1	BOD Bottles 250ml BOROSIL
2	Test tube Holder
3	Coverslip large rectangular
4	Coverslip small round
5	Coverslip small square
6	Eppendorf tubes and tips
7	Glass funnel
8	Glass Single Distillation Unit (Coil/Mantle)
9	Microslides
10	Mortar and Pestle
11	Parafilm
12	Separating funnel 500ml
13	Separation funnel 250ml
14	Standard Flask 250ml BOROSIL
15	Standard Flask 100ml BOROSIL
16	Dropper
17	Watch glass
18	Stain bottle
19	Glycerine bottle
20	Wash bottle
21	Burette stand
22	Petri dish



DEPT. OF PHYSICAL EDUCATION
N.S.S. COLLEGE, PANDALAM

Pathanamthitta Dist.

Kerala - 689501

Re-Accredited by NAAC with 'A' Grade

To

The Principal

N.S.S College, Pandalam

Sub: - Subject: Purchase Request for Sports Equipment

Sir,

I am writing to inform you that the following sports equipment are required for the successful conduct of sports activities for the next academic year.

List of Required Sports Equipment:

SI No	Item	Brand	Quantity	Amount
1	Cricket Bat	SS		
2	Cricket Ball (4 piece)	SG Club		
3	Cricket Practice Ball (2 Piece)	Club		
4	Tennis Ball	Vicky		
5	Keeping Gloves	SS		
6	Batting Gloves	SS		
7	Kitbag	SS		
8	Football	Shining Star		
9	Wushu Head Gear	USI		
10	Wushu Gloves	Invincible Commando		
11	Wushu Chest Guard	USI		
12	Badminton Racket	Yonex ZR 100 Light		
13	Discuss (Men)			
14	Discuss (Women)			
15	Javelin (Men)			
16	Javelin (Women)			
17	Volleyball Net	Vinex		
18	Badminton Net	Vinex		
19	Shuttle cock	Mavis 350		
TOTAL				

kindly request you to take necessary steps to procure these essential items.

Thank you for your attention to this matter.

Yours faithfully

DEPARTMENT OF BIOCHEMISTRY
NSS COLLEGE, PANDALAM

To
The Principal,
N.S.S College, Pandalam

01.04.2025

Sub: Purchase of chemicals & glass wares from PD fund- request reg:-

Sir,

The following items are required for the Dept. of Biochemistry. Kindly take necessary arrangements to purchase these items at an early date.

BIOCHEMICALS (Merck / Qualigens / Glaxo/SD fine /Loba etc.)

1. ∞ -keto glutarate
2. Albumin (Bovine & Egg)
3. Arginine
4. DNA
5. Galactose
6. L-Histidine
7. L-Phenyl alanine
8. RNA
9. Vitamin C
10. Glucose
11. Fructose
12. Xylose
13. Maltose
14. Lactose
15. Sucrose
16. Starch
17. Dextrine
18. Tryptophan
19. Methionine
20. Histidine
21. Cysteine
22. Tyrosine
23. Proline
24. β - Carotene
25. Cholesterol
26. Vitamin A
27. Tripalmitin
28. Palmitic acid
29. Uric acid

30. Creatinine
31. DL Aspartate
32. Bilirubin
33. NAD^+
34. Glutathione
35. Ribose
36. Aspartic Acid
37. Urease
38. Ninhydrin

CHEMICALS (Merck / Qualigens / Glaxo/SD fine/ Loba etc.)

39. Ammonium sulphate
40. Anthrone
41. Barium chloride
42. Barium hydroxide
43. Copper acetate
44. Di chloro phenol indo phenol
45. Orcinol
46. TCA
47. Phenol
48. Acetic acid
49. Potassium Chloride
50. Potassium Hydroxide
51. Potassium Iodide
52. Potassium Oxalate
53. Picric acid
54. Sodium Carbonate
55. Ammonium Molybdate
56. Disodium hydrogen arsenate
(Sodium Arsenate)

57. Copper sulphate
58. pH tablets
59. 2,5- Dimethyl amino benzaldehyde
60. Phenyl hydrazine hydrochloride
61. Sodium Acetate
62. Sodium Carbonate Hydrated
63. Sodium hydroxide pellets
64. Sodium nitroprusside
65. Thiourea
66. Phenolphthalein
67. HClO_4
68. Acetaldehyde
69. Lithium carbonate
70. Sulphanilic acid
71. Metol (P- methylamine phenol sulphate)
72. Sodium bisulphate
73. Potassium dihydrogen phosphate
74. 2,7 dichlorofluorescein (rhodamine)
75. Disodium hydrogen phosphate dehydrate
76. Potassium dihydrogen phosphate (anhydrous)
77. Sodium hypochlorite
78. Sodium sulphate (anhydrous)
79. Silica Gel G
80. Sodium nitrite
81. Iodine Crystals
82. Mercuric Sulphate
83. Lead Acetate
84. Mercury Metal
85. Lead Peroxide
86. Thiobarbituric acid
87. Potassium thiocyanate
88. Sodium bicarbonate
89. sodium chloride
90. Paradimethyl amino benzaldehyde
91. Ammonium ferrous sulphate
92. Potassium permanganate
93. Tartaric acid
94. Gallic acid
95. Uric acid
96. Glycerine
97. Methyl orange
98. Trisodium Citrate (Sodium Citrate)
99. Coomassie Brilliant Blue G 250
100. Fused CaCl_2 for desiccators
101. Sodium tungstate

102. Silver nitrate
103. Ammonium Oxalate
104. Ammonium Chloride
105. Sodium Molybdate
106. Sodium Fluoride
107. Potassium tartarate
108. Potassium Phosphate
109. Ploroglucinol
110. A- Naphthol
111. Diacetyl monoxime
112. Diphenyl amine
113. Dipotassium oxalate
114. EDTA
115. Lead Dioxide
116. Lead Oxide
117. Mercuric Chloride
118. Mercurous Sulphate
119. Magnesium Sulphate
120. Mercuric Nitrate
121. Bromine Water
122. Ammonium molybdate

**ACIDS / SOLVENTS /
REAGENTS (Merck / Qualigens /
Glaxo /SD fine/ Loba etc.)**

123. Sulphuric acid
124. Hydrochloric acid
125. Nitric acid
126. Acetic acid
127. Methanol
128. Acetone
129. Acetoacetic acid (Acetoacetate)
130. Folin reagent (Phenol Reagent)
131. Isopropanol
132. Diethyl ether
133. Petroleum Ether(60-80)
134. Chloroform
135. Fouchet's Reagent
136. Hexane
137. Hydrogen Peroxide
138. Aniline
139. Phosphomolybdic acid
140. Phosphotungstic acid
141. Dinitrophenyl hydrazine

142. Oxalic acid
143. Molybdic acid
144. Ethyl acetoacetate
145. Ethylene diamine
146. Formaldehyde
147. Liquor Ammonia
148. Orthophosphoric acid
149. Orthotoluedene
150. Formic acid
151. Urease

MISCELLANEOUS ITEMS

152. Disposable syringe (5ml, 10ml)
153. Wire net
154. Haemoglobinometer
155. Counting chamber
156. Wire Guaze
157. Dropping Pipettes
158. Bunsen Burner
159. pH paper (2-14)
160. pH Tablet (4,7 & 9)
161. Filter paper (Ordinary & Whatman)
162. Rubber bulb (Large & Medium)
163. Pipette stand (PVC- Horizontal & Vertical)
164. Cover slip
165. Glass slide
166. Wash bottle
167. Thermometer
168. Haemoglobin pipette
169. Separating funnel (250ml, 500ml)
170. Filter Paper (Whatman No. 1 & 40)
171. Test tube washing brush
172. Tongs
173. Stoppered Conical flask (250ml, 500ml)
174. Magnetic stirring bar ($8 \times 14\text{mm}$ & $8 \times 30\text{mm}$)

Thanking You
Yours faithfully

Chikra V
Per

HEAD OF THE DEPT. OF BIOCHEMISTRY
N.S.S. COLLEGE, PANDALAM