

GURUVAYURAPPAN COLLEGE P. O. 673 014 KERALA
P.G. DEPARTMENT OF BOTANY

No.	Item Name	Quantity	
1.	1-Naphthol	200g	
2.	Acetic acid Glacial	500ml x2	
3.	Acetocarmine	200ml	
4.	Acetone	500ml X 2	
5.	Agar	500g X 2	
6.	Beef extract	500g	
7.	N Butanol	500ml	
8.	Carboxy methyl cellulose	100g	
9.	Casein Acid Hydrolysate	500g	
10.	Colchicine	100g	
11.	Congo red	100g	
12.	Corn meal agar	500g	
13.	Cotton Blue	100g	
14.	Czapek dox medium	1 bottle	
15.	Dextrose	500g X 2	
16.	Dimethyl Sulfoxide	500ml	
17.	Dinitrosalicylic acid	100mg X 2	
18.	DisodiumHydrogen Phosphate	500 g	
19.	Fast green	100g	
20.	Formalin	5 Litres x 5	
21.	Gelatin	500g	
22.	Glycerine	500ml x 3	
23.	Hydroxy quinoline	500g	
24.	Isopropanol	500ml x 2	
25.	Lactophenol blue	100ml	
26.	Manganese Sulphate	500g	
27.	Mercuric chloride	100g	
28.	Methanol	500ml x 2	
29.	Naphthalene balls	1 packet	
30.	Pectin	500g	
31.	Peptone	500g	
32.	Parafilm	1 roll	
33.	Petroleum ether	500ml X 2	
34.	Potassium chloride	500g	
35.	Potassium ferricyanide	100g	
36.	Potassium Hydroxide	500g x 2	
37.	Potassium Nitrate	500g x 2	
38.	Potassium Iodide	250g x 2	
39.	Potassium dihydrogen Phosphate	500g	
40.	Rose bengal	100g	
41.	Saffranin	100g	
42.	Sodium Chloride	500g	
43.	Sodium dihydrogen phosphate	500g	
44.	Sodium Hydroxide	500g x 2	
45.	Sodium Potassium Tartrate	500g x 2	
46.	Sodium thiosulphate	500g	

47.	Starch	500g	
48.	Sucrose	500g x 4	
49.	Triphenyl Tetrazolium Chloride	100g X 2	
50.	Sodium Hypochorite solution	500ml X 2	
51.	Sodium Phosphate	500g X 2	
52.	Sodium citrate	500g X 2	

INSTRUMENTS / GLASSWARE

	Aluminium Foil	2 rolls	
	Beaker 500ml glass	5	
	Beaker 500ml plastic	5	
	Beaker 1000ml glass	5	
	Beaker glass 250ml	10	
	Buffer tablets (7, 4 and 9.2)	1bottle each	
	Cavity slide (1 cavity)	10	
	Cavity block with lid (4 X 4cm)	50	
	Capillary tube	1 packet	
	Chromatography paper Whatsman No.1 sheets	10 sheets	
	Conical Flask 250ml	10	
	Conical Flask 500ml	5	
	Cork Borer	1set	
	Cotton Absorbent	5	
	Dropper Bottles	20	
	Blotting Paper Sheets	20	
	Culture vials 10ml	20	
	Eppendorf tube 2ml	20	
	Ethyl acetate	2.5L	
	Forceps Medium size	10	
	Funnel 5cm diameter	5	
	Funnel 10 cm diameter	5	
	Inoculation needle	10	
	Micro cover glasses 18mm Bluestar	25 boxes	
	Microscopic slides Bluestar	10 boxes	
	Naphthalene balls	1 box	
	Needles Plastic	50	
	Non Absorbent cotton	10 bundles	
	Parafilm	1 roll	
	Pasteur Pipette	20	
	Plastic tray Large	10	
	Plastic tray Small	10	
	pH paper Range 4-7	3 boxes	
	Spirit lamp metal	5	
	Surgical blade (GLASS VAN)	2 boxes	
	Labolene/Liquid soap	5 litres	
	Steel Tray	5	
	Test tube 15 x 150mm	75	
	Test tube 1 x 10cm	50	
	Test tube stand Aluminium small	10	
	Wash Bottles	10	

	Watch glass 8cm diameter	20	
	Whatsman filter paper 90 mm	50	
	Spatula metallic	10	
	Painting Brush	30	

DEPARTMENT OF CHEMISTRY

LIST OF ITEMS REQUIRED

I. CHEMICALS

Please quote the maximum percentage of discount to the price of chemicals given in catalogue of the following brand (Both LR and AR/GR quality)

Merck

Spectrum

Isochem

Nice

Qualigen

SRL Chemicals

Loba Chemie

Spectrochem

Sl. No.	ITEM
	AMMONIUM CHLORIDE
	AMMONIUM CARBONATE
	AMMONIUM FERROUS SULPHATE
	AMMONIUM ACETATE
	AMMONIUM THIOCYANATE
	AMMONIUM OXALATE
	AMMONIUM BORATE
	AMMONIUM SULPHATE
	ALUMINIUM SULPHATE
	ALUMINIUM CHLORIDE
	ALUMINIUM NITRATE
	ALUMINIUM CARBONATE
	ALUMINIUM ACETATE
	BARIUM CHLORIDE
	BARIUM NITRATE
	BARIUM ACETATE
	BARIUM CARBONATE
	CALCIUM CARBONATE
	CALCIUM CHLORIDE FUSED
	CALCIUM CHLORIDE
	CALCIUM NITRATE
	CALCIUM SULPHATE
	CALCIUM ACETATE
	CALCIUM OXALATE
	COBALT CHLORIDE
	COBALT NITRATE
	COBALT SULPHATE
	FERROUS SULPHIDE STICKS
	FERROUS SULPHATE
	LEAD DIOXIDE
	LEAD NITRATE
	MAGNESIUM CARBONATE

MAGNESIUM CHLORIDE
MAGNESIUM NITRATE
MAGNESIUM ACETATE
MAGNESIUM OXALATE
MAGNESIUM SULPHATE
MANGANOUS SULPHATE
MANGANOUS NITRATE
MANGANOUS ACETATE
MANGANOUS CHLORIDE
STRONTIUM CHLORIDE
STRONTIUM NITRATE
STRONTIUM CARBONATE
STRONTIUM ACETATE
SODIUM CARBONATE
SODIUM BICARBONATE
OXALIC ACID
POTASSIUM IODIDE
MERCURIC CHLORIDE
MERCURIC NITRATE
NICKEL NITRATE
NICKEL ACETATE
NICKEL SULPHATE
NICKEL CHLORIDE
IODINE RESUBLIMED
POTASSIUM PERMANGANATE
POTASSIUM DICHROMATE
POTASSIUM CHROMATE
POTASSIUM FERRICYANIDE
POTASSIUM FERROCYANIDE
SODIUM POTASSIUM TARTARATE
COPPER SULPHATE
COPPER NITRATE
ZINC SULPHATE
ZINC NITRATE
ZINC ACETATE
HYDROCHLORIC ACID
SULPHURIC ACID
NITRIC ACID
AMMONIA SOLUTION
ACETIC ACID GLACIAL
STARCH SOLUBLE
SODIUM THIOSULPHATE
CARBON TETRA CHLORIDE
AMMONIUM FERRIC SULPHATE
CHLOROFORM

METHANOL
METHYL ACETATE
DIETHYL ETHER
EDTA
DIMETHYL GLYOXIME
AMMONIUM MOLYBDATE
AMMONIUM CERIC NITRATE

ZIRCONYL NITRATE
LITHIUM NITRATE
LITHIUM CARBONATE
AMMONIUM META VANADATE
SODIUM TUNGSTATE
BENZENE
BENZOYLCHLORIDE
ACETONE
SODIUM NITRITE
GLYCEROL
BIPHENYL
PHENOL
8-HYDROXY QUINOLINE
AMMONIUM PURPURATE
DIPHENYL CARBAZIDE
N-BUTANOL
GLUCOSE
ACTIVATED CHARCOAL POWDER
AMINO ACID KIT
N-PHENYL ANTHRANILIC ACID
ACETOPHENONE
NAPHTHALENE
DIPHENYL AMINE
SODIUM ACETATE TRIHYDRATE
SODIUM HYDROXIDE
POTASSIUM HYDROXIDE
N-PHENYL ANTHRANILIC ACID
UREA
BENZALDEHYDE
ETHYL BENZOATE
AMYL ALCOHOL
SODIUM POTASSIUM TARTARATE
ANILINE
BENZAMIDE
CINNAMIC ACID
PHTHALIC ACID
CHLORO BENZENE
NITRO BENZENE
METHYLENE BLUE
ALIZARIN RED
BROMO BENZENE
ACETANILIDE
NINHYDRIN SOLUTION
PHOSPHORIC ACID
ANTHRANILIC ACID
PHENYL HYDRAZINE
HYDROCHLORIDE
2-HYDROXY 1-NAPHTHALDEHYDE

II. GLASS WARES AND EQUIPMENTS

Sl. No.	ITEM	SPECIFICATION
1.	TEST TUBES (15x125)	BOROSIL
2.	BOILING TUBE (25X150)	BOROSIL
3.	STANDARD FLASK,500 mL	BOROSIL
4.	STANDARD FLASK 50 mL	BOROSIL
5.	STANDARD FLASK 100 ML	BOROSIL/VENSIL
6.	PIPETTE 20 mL	BOROSIL/VENSIL
7.	PIPETTE 5 ML	BOROSIL
8.	MEASURING JAR 10 ML PLASTIC	
9.	MEASURING JAR 10 ML	BOROSIL
10.	MEASURING JAR 25 ML	BOROSIL
11.	CONICAL FLASK,250mL	BOROSIL
12.	CONICAL FLASK,500 mL	BOROSIL
13.	BEAKER 100 mL	BOROSIL
14.	BEAKER 250 mL	BOROSIL
15.	BEAKER 500 mL	BOROSIL
16.	CLAY PIPE TRIANGLE	
17.	CENTRIFUGE TUBE	BOROSIL
18.	THERMOMETER 60 cms	PRECISION DOLLAR
19.	SEPARATING FUNNEL	BOROSIL
20.	WASH BOTTLE	
21.	WIRE GAUZE	
22.	100mL GROUND NECK STOPPERED BOTTLES	BOROSIL
23.	DESSICATOR WITH LID	
24.	SILICA CRUCIBLE WITH LID	
25.	LID	
26.	FUNNEL	
27.	NICKEL SPATULA	
28.	5 mL GRADUATED PIPETTE	BOROSIL/VENSIL
29.	GRADUATED PIPETTE 10 ML	BORSIL/VENSIL
30.	STIRRER	
31.	PLASTIC SPATULA	
32.	ORDINARY FILTER PAPER	
33.	WHATMANN FILTER PAPER NO.40	
34.	WHATMANN FILTER PAPER NO.41	
35.	FILTER PAPER SHEET NO,1	
36.	CHROMATOGRAPHIC PAPER SHEET	
37.	TRIPOD STAND	
38.	IGNITION TUBE	
39.	BURETTE 50 ML	BOROSIL WITH PLASTIC STOPPER
40.	GLASS TUBE	
41.	TWO HOLED CORK	
42.	GLASS DROPPER	
43.	WATCH GLASS	
44.	CORK WITHOUT HOLE	
44.	OSTWALD VISCOMETER	
45.	KIPP'S APPARATUS	

DEPARTMENT OF ZOOLOGY

No	Items	Specifications	Quantity
1.	Laboratory Pathological Binocular Microscope	Features <i>Optical System</i> : Two 10x wide field eyepieces; Two 10x wide field eyepieces, one with pointer; 4x, 10x, 40x, and 100x achromatic objectives; 100x objective requires immersion oil for maximum resolution; Four-position click-stop turret; 40x, 100x, 400x, and 1000x magnification with 10x eyepieces. <i>Lighting</i> : 1.25 NA Abbe condenser with three color filters; Removable blue, yellow, green filters; Lower LED illumination, adjustable intensity; Manual mechanical iris adjustment. <i>Focusing</i> : Separate coarse and fine focus knobs; Sliding interpupillary adjustment to accommodate a wide range of users; Right-eye dioptic adjustment. <i>Stage</i> : - 4.3 x 4.7" mechanical rectangular stage; Adjustable-width locking slide/specimen holder; Accepts 3 x 1" (76.2 x 25.4mm) specimen slides; X-Y right-handed stage adjustments; Integrated ruler on edge	1
2.	Sahli's Haemoglobinometer	Complete set	6
3.	Sphygmomanometer	Material: Iron; 0 to 300 mm of Hg Scale	1
4.	Stethoscope	Dr. Morepen ST01 Deluxe type	1
5.	Ocular Micrometer	Erma Japan	6
6.	Stage Micrometer	Erma Japan	6
7.	Beaker 500 ml	Borosil	5
8.	Safranin stain solution	125 ml	2
9.	Janus green B	5 gm	2
10.	Selivanoff's Reagent	250 ml	1
11.	Antiserum ABD	10 ml	4
12.	Barfoed's Reagent	250 ml	2
13.	Formaldehyde	5 lit	4
14.	Oxalic Acid	250 gm	1
15.	Urea	250 gm	1
16.	Nitric Acid GR	500 ml	2
17.	Hydrochloric acid	500 ml	2
18.	Sulphuric Acid GR	500 ml	2
19.	Sodium hydroxide	500 gm (Pellets)	2
20.	Gram Iodine solution (1%)	250 ml	2
21.	Glycerol	500 ml	1
22.	Lugol's Iodine	100 ml	2
23.	Colchicine	10 g	1
24.	Magnesium carbonate	100 g	1
25.	Ammonium chloride	500 gm	1
26.	Filter paper	100 circles per packet size 110 mm	2

27.	pH paper strips	Narrow range (7.0-14.0)	6
28.	Red litmus paper	Pack of 200	1
29.	Blood lancets	200 No	3
30.	Cotton Roll	--	3
31.	First Aid Box (Complete set)		1

Department of Physics

PD account–List of equipments required

- 1 Caters pendulum
- 2 Magnetic stirrer with temperature controller (make- IKA)
- 3 Gm counter detector
- 4 Conductivity, reflectivity and sheet resistance and refractive index of thin film measuring device
- 5 Ultrasonic interferometer
- 6 Optical fibre (Numerical aperture, attenuation and bandwidth)
- 7 Transformer(6V-0-6V)
- 8 Polarimeter

DEPT.OF PHYSICALEUCATION

Sl No		
1	Yogamat	20Nos
2	Skeleton	1No
3	SutraNeti	50 Nos
4	Netipot	50Nos
5	Vastram	50 Nos

Principal
The Zamorin's Guruvayurappan College Kozhikode-14