



**OFFICE OF THE PRINCIPAL
GOVERNMENT WOMEN'S COLLEGE, BALANGIR**

(Affiliated to Rajendra University, Balangir, Odisha)

P.O./Dist: Bolangir, Odisha - 767001, India

| womenscollegebalangir.in | womenscollegebalangir@gmail.com |

NO 3614 /GWC

Date.27/12/2025.

To

The Editor, Dharitri Daily Odia
Sambalpur Edition

Sub: Quotation call Notice for publication.

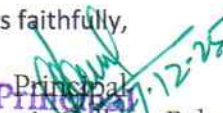
Sir,

With reference to the subject cited above, I would like to inform you that, some Library Books, Laboratory Equipments and Equipments to be purchased by the undersigned for the session 2025-26 .

Therefore, I would like to request you to publish in your news paper in Sambalpur Edition for the larger interest of the institution. Quotation call notice is enclosed for publication.

Encl: Quotation call Notice No 3613/GWC Date. 27.12.2025 enclosed

Yours faithfully,


Principal
Govt. Women's College, Balangir



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NO 3613 /GWC

Date.27/12/2025.

QUOTATION CALL NOTICE

Price quotations are invited from registered firms in sealed cover having PAN No. and GST registered for the supply of laboratory equipments, Library books and Equipments by 03/01 /2026 which will be opened on 12/01/2026 at 04.00 P.M.

For details, visit college website or office during working hour.


Principal
Govt Women's College, Balangir
Balangir



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INFRASTRUCTURE REQUIRED FOR DEPT. OF HOME SCIENCE

Sl. No	Items Required	Details of Items	Quantity in No's	Price
1	Sphygmomanometer	Diamond BPMPR 112 Regular Velcro cuff conventional Mercurial Type BP Instrument	1	2940
2	First Aid box	Medical kit /emergency medical box with medicines	1	599
3	Weight Machine(Adult)	MEDITIVE Bluetooth Digital BMI Weight Scale With Fat Analyser	1	1099
4	Water purification system	Kent/Aqua guard	1	20000
5	Fridge	Samsung Double Door 300 Litres 5 Star Refrigerator Elegant Inox RT39C5532S8/HL	1	36000
6	Measuring Spoon	Supvox® 8Pcs Measuring Cups and Spoons Set, Stainless Steel Measuring Cup with Wood Handle, Rose Gold Polished Finish, 60ml/80ml/125ml/250ml/1.25ml/2.5ml/5ml/15ml	1	1699
7	Food Measurement Scale	Portable Digital Multipurpose Weight Scale capacity 75kg, stainless steel platform with flexible wire, Pan Size: 27cm by 27cm	1	2399
8	Burner Gas Stove	Butterfly Smart Glass Top 2 Burner Open Gas Stove (Black), Manual Ignition	6	13,788
9	Computers and accessories	Projector with Pointer(Canon)	1	20,000
10	Ceramic Cup and Saucer Set of 6 (12 Pieces)	Ceramic Cup and Saucer Set of 6 (12 Pieces) Tea Cup with Saucer 110 ml Cup Plate Set Premium Cup Saucer Set for Home and Office (Blue Heart		1,900
11	Stock Register		5	Govt. Supply
12	Box File		5	Govt. Supply
13	Pen drive (16 Gb)	HP	1	500

14	Kitchen jewel set	Milton cooking set of 5(fry pan1.6 litre, kadhai 2.5 litre with glass lid, tawa 25 cm; Nylon ladle And spatula)	1	1500
15	Pressure Cooker	Hawkins Hard Anodised Contura Inner Lid Pressure Cooker Combo Set, Black (2 litre and 4 litre)	1	4100
16	Table	Green Soul Venue Office Table	1	6499
17	Microscope	ESAW 1125x Student Compound Biological Microscope with 25 Prepared Glass Slides (Mag: 100x to 1125x)	1	10000
18	Poster	Digestive system	1	250
		Male and female reproductive organ	1	350
		Lungs	1	450
		Endocrine system	1	250
		Cell	1	250
		Heart	1	1000
19	Oximeter	Dr Trust Professional Series Finger Tip Pulse Oximeter with Audio Visual Alarm and Respiratory Rate (Blue)-202	1	2190
20	Thermometer	Omron Glass Mc 246 Digital Thermometer with Quick Measurement Of Oral & Underarm Temperature In Celsius & Fahrenheit, Water Resistant For Easy Cleaning	1	500
21	Dye Colour	KADAM (LABEL) Fabric Dye Multicolour Combo (C2: Classic- Golden Yellow, Pink, Dark Blue, Green, Steel Grey, Sun Orange, Dark Maroon, Peach, Royal Blue, Camel Brown)	1	500
22	Block	Ecofynd Round Wood Block Stamps (Pack of 5), Wooden Blocks for Block Printing Stamp Set	1	500
23	Stencil	Flower Line Quilting Stencil Kit Sewing Stencils Flower Reusable Mylar Template Stencils with Metal Open Ring for Sewing on Fabric Quilt Clothes	10	800
24	Candle	PROSPERRO LUMO Paraffin Wax Candle 800g and Candle Wick (White)- 50 Pieces	1	1000
25	Catalogue of different garment	Indian dress catalogue book	1	1000

26	Height measurement scale	Prime Surgical Height measuring scale - Stadiometer - Precision Model	1	1349
27	Microwave Oven	Samsung 32 L Convection Microwave Oven	1	33,051
28	Chair	OFFICE SEATING	5	10000
29	Dinner Set	Larah By Borosil New Iris Dinner Set, 49 pc	1	6,000
30	Almirah	GODREJ Almirah storease 2-Door Steel Locker	1	13000
31	Stapler	KAYMO M-10 Hand Tacker Cordless Stapler	1	600
32	Scissor	Soft Grip Handles - Pack of 3 Scissors (Set of 3, Multicolor)	1	400
33	Door Polyester Curtain	Sehbhagi 214 cm (7 ft) Door Polyester Curtain (Pack Of 4) (Blue, Printed)	2	1600
34	Table Cover	HOMEMONDE Cotton 6 Seater Geometric Table Cover (Yellow Arrow)	2	1200
35	Towel	Sunflower Cotton 550 GSM Towel	5	1500
36				200763

Principal,
Govt. Women's College, Balangir.

**DEPT. OF JOURNALISM AND MASS
COMMUNICATIONS(G.W.C.B)
TENTATIVE PRICE**

SI.No.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1	SanDisk Extreme Pro 128GB SD Card	1	2,500	2,500
2	Sony PXW-Z90 4K Video camera	1	1,58,000	1,58,000
3	Digit DCL-250 LED LIGHT	2	8,500	17,000
4	9 ft Light Stand	2	2,000	4,000
5	Soft Box(85mm)	2	2,500	5,000
6	Digitek 605 Tripod	1	6,000	6,000
7	Back Ground Stand	1	2,000	2,000
8	Green Backdrop Cloth	1	500	500
9	Feelword Wireless Microphone(PM)	2	10,500	21,000
10	Microphone stand	2	3,500	7,000
11	Holly-land LARK M2S Wireless Mic	1	12,000	12,000
12	WD External Hard Disk 2TB	1	8,000	8,000
13	Mac M4(editing set up)	1	1,40,000	1,40,000
	TOTAL			3,83,000

Department of Psychology

Requisition of Laboratory Equipment as per NEP -2020

Sl. No.	Items	Item Details	Quantity	Tentative Amount
1	Electronic Memory Apparatus		10	60,000.00
2	Students' Practical table		08	40,000.00
3	<i>Lab. Stool</i>		32	45,000.00
4	<i>Projector with Pointer (Canon)</i>		01	12,000.00
5	<i>Laptop (HP)</i>		01	50,000.00
6	<i>Seminar Podium with inbuilt Sound System</i>		01	15,000.00
7	<i>Span of Attention Apparatus</i>	As per NEP-2020	10 Set	25,000.00
8	<i>Disability Test</i>	As per NEP-2020	01 Set	4,000.00
9	<i>Conservative of Liquid Test</i>	As per NEP-2020	01 Set	4,000.00
10	<i>Creativity Test</i>	As per NEP-2020	01 Set	2,500.00
11	<i>Communication Test</i>	As per NEP-2020	01 Set	2,500.00
12	<i>Adjustment Scale</i>	As per NEP-2020	01 Set	2,500.00
13	<i>Big Five Factors of Personality Test</i>	As per NEP-2020	01 Set	8,000.00
14	<i>Emotional labour Test</i>	As per NEP-2020	01 Set	3,500.00
	<i>Total</i>			2,74,000.00

HOD of Psychology



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INFRASTRUCTURE REQUIRED FOR ZOOLOGY LAB **ESTABLISHMENT**

Sl No	Items Required	Details of Items	Required Quantity in Nos	Price
1	Furniture	Practical Demonstration Table	1	15,000.00
2	Almira (Storewell)	Iron Door (Godrej)	02	40,000.00
		Wooden Door	01	10,000.00
3	RO water purifier	Pure it	01	16,000.00
4	Seminar Podium with sound system		01	20,000.00
5	Pen drive (64 Gb)	Samsung	02	3000.00
6	Seminar Projector with Pointer (Canon)	Canon	01	15,000.00
		TOTAL	06	1,19,000.00



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MUSEUM SPECIMEN, PERMANENT SLIDES AND BONES FOR ZOOLOGY LABOARATORY GWC, BALANGIR

SI No	Name of Specimen	Required Quantity	Price
MUSEUM SPECIMEN			
01	Amoeba	02	500.00
02	Hylonema	02	320.00
03	Euplectella	02	320.00
04	Spongilla	02	320.00
05	Sycon	01	160.00
06	Physalia	01	160.00
07	Millepora	01	1000.00
08	Aurelia	01	160.00
09	Corallium	01	200.00
10	Obelia	02	320.00
11	Tubipora	01	270.00
12	Alcyonium	02	480.00
13	Gorgonia	01	370.00
14	Metridium	02	400.00
15	Pennatula	02	320.00
16	Fungia	01	500.00
17	Meandria	02	600.00
18	Madrepora	01	350.00
19	Aphrodite	01	448.00
20	Nereis	01	325.00
21	Heteronereis	01	480.00
22	Serpula	02	320.00
23	Sabella	02	320.00
24	Chaetopterus	01	320.00
25	Palaemaenus	02	320.00
26	Palaemon	02	320.00
27	Daphnia	02	320.00
28	Balanus	02	320.00
29	Sacculina	01	200.00
30	Cancer	02	320.00
31	Eupagurus	02	320.00
32	Scolopendra	02	320.00
33	Julus	02	320.00
34	Peripatus	01	757.00
35	Chiton	02	320.00
36	Dentalium	02	320.00

37	Doris	02	400.00
38	Unio	02	320.00
39	Helix	02	320.00

40	Ostrea	02	320.00
41	Pinctada	02	320.00
42	Sepia	02	320.00
43	Octopus	02	320.00
44	Nautilus	02	350.00
45	Ophiura	02	360.00
46	Clypeaster	02	360.00
47	Echinus	02	360.00
48	Cucumaria	02	320.00
49	Antedon	02	320.00
50	Balanoglossus	01	320.00
51	Herdmania	02	360.00
52	Branchiostoma	02	320.00
53	Petromyzon	01	1000.00
54	Diodon	01	200.00
55	Myxine	02	360.00
56	Trygon	02	270.00
57	Sphyraena	02	360.00
58	Pristis	02	360.00
59	Torpedo	02	360.00
60	Mystus	02	360.00
61	Heteropneustus	02	360.00
62	Exocoetus	02	360.00
63	Chimaera	01	800.00
64	Echeneis	02	400.00
65	Anguilla	02	360.00
66	Hippocampus	02	360.00
67	Flat fish	02	360.00
68	Anabas	02	320.00
69	Ichthyophis	01	500.00
70	Necturus	01	600.00
71	Bufo	01	350.00
72	Hyla	01	500.00
73	Alytes	01	500.00
74	Chelone	01	500.00
75	Trionyx	01	500.00
76	Hemidactylus	01	500.00
77	Varanus	01	200.00
78	Draco	01	400.00
79	Uromastix	01	500.00
80	Chamaeleon	01	500.00
81	Ophiosaurus	01	300.00

82	Vipera	01	400.00
83	Bungarus	01	400.00
84	Naja	01	800.00
85	Hydrophis	01	600.00
86	Zamenis	01	800.00
87	Crocodylus	01	800.00

88	Sorex	01	500.00
89	Bat	02	360.00
90	Funambulus	01	400.00
91	Loris	01	500.00
92	Herpestes	01	500.00
93	Erinaceous	01	500.00
	TOTAL	93	37,190.00

PERMANENT SLIDES

94	WM of Amoeba	01	250.00
95	Euglena	01	540.00
96	Paramoecium	02	260.00
97	Paramoecium Budding	01	540.00
98	Paramoecium Conjugation	01	540.00
99	TS of Sycon	01	840.00
100	LS of Sycon	01	840.00
101	WM of Obelia Colony	03	90.00
102	WM of Nephridia	01	840.00
103	T.S of Earthworm through Phrynx	01	1700.00
104	T.S of Earthworm through Gizzard	01	1700.00
105	T.S of Earthworm through Typhlosolar intestine	01	1700.00
106	Stages of Meiosis	01	650.00
107	Barr bodies of Human female blood	01	756.00
108	Various Stages of Mitosis	03	360.00
109	TS of Amphioxus through pharyngeal region	01	1500.00
110	TS of Amphioxus through intestinal region	01	670.00
111	TS of Amphioxus through Caudal region	01	670.00
112	TS of Pancreas of Mammal	02	200.00
113	TS of Ovary Mammal	03	168.00
114	TS of Adrenal gland	03	300.00
115	TS of Thyroid gland Mammal	03	500.00
116	Pituitary Gland of Mammal	03	500.00
117	Parathyroid Gland Mammal	03	500.00
118	TS of Liver of Mammal	03	300.00
119	TS of Oesophagus of Mammal	01	500.00
120	TS of Duodenum of Mammal	01	500.00

121	TS of Ileum of Mammal	01	500.00
122	TS of Rectum of Mammal	01	500.00
123	TS of Trachea of Mammal	01	500.00
124	TS of Lungs of Mammal	01	500.00
125	TS of Kidney of Mammal	01	500.00
126	LS of Kidney of Mammal	01	500.00
127	Squamous Epithelium	01	500.00
128	TS of Spleen	01	500.00
129	TS of Thymus	01	500.00
130	TS of Lymph nodes	01	500.00
131	Striated Muscle	01	500.00
132	Nerve Cell	03	100.00

133	Placoid Scale	01	500.00
134	Cycloid Scale	01	500.00
135	Ctenoid Scale	01	500.00
	TOTAL	41	25,014.00

BONES

136	Disarticulated Skeleton of Frog	01 Sets	2500.00
137	Disarticulated Skeleton of Varanus	01 Sets	2500.00
138	Disarticulated Skeleton of Fowl	01 Sets	2500.00
139	Articulated Skull of Rabbit	01 Sets	2000.00
	TOTAL	04	9,500.00

CHEMICALS AND REAGENTS

140	(Competitive and uncompetitive) ELISA KIT	01	3000.00
141	ABO blood group determining kit	03	1365.00
142	Rh blood group determining kit	03	1365.00
143	Fuelgen stain (100 ml)	01	111.00
144	PAS reagent (500 ml)	01	665.00
145	Mercury bromo phenol blue (10 gm)	01	600.00
146	Methyl green pyronin reagent (1000 gm)	01	1000.00
147	Rectified Sprit(3 litre)	01	150.00
148	Agarose gel (100 gm)	01	1840.00
149	Butanol (1000 gm)	01	1000.00
150	Absolute Alcohol (500 ml)	01	1000.00
151	Dil .HCl (300 ml)	01	300.00
152	Formalin (500 ml)	01	1000.00
153	Portable water Analysis kit (Digital) for 6 parameters	01	4000.00
154	Agarose gel Electrophoresis teaching kit 10.Exp	01	4000.00
155	MGP Reagent (400 gm)	01	4000.00
156	Bromophenol Reagent (5 gm)	01	300.00

	TOTAL	17	25,696.00
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EQUIPMENTS REQUIRED FOR UG ZOOLOGY LAB ESTABLISHMENT

Sl No	Name of Equipment's	Details of the Equipment's	Quantity Required	Price
01	Hemocytometer	Microslide	1	4,000.00
02	Micrometer(ocular and stage)	19 mm diameter eyepieces	02	1680.00
03	Microscope	Binocular	05	10,000.00
04	Sahli's Haemoglobinometer	Microslide	8 packets	4000.00
05	Chromatography	Paper	10	420.00
06	Horizontal gel Electrophoresis with casting tray and power pack	Tarson/Bioera	01	10,000.00
07	Blotting	Eastern, Western,Northern,Southern	05	1500.00
08	Human body charts	Hivex publication (hard laminated)- all charts- digestive, skeleton,anatomy,respiratory,human heart,muscles,excretory	04	2000.00
	TOTAL	08		33,600.00



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SL NO.	DETAILS	PRICE
01	INFRASTRUCTURE	1,19,000.00
02	MUSEUM SPECIMEN	37,190.00
03	SLIDES	25,014.00
04	BONES	9,500.00
05	CHEMICALS AND REAGENT	25,696.00
06	EQUIPMENTS	33,600.00
	TOTAL	2,50,000.00

GOVT. WOMEN'S COLLEGE, BALANGIR**DEPT. OF MATHEMATICS****EQUIPMENTS REQUIREMENT FOR MATH LAB**

SL. NO.	Items Required	Details Of Items	Quantity in Numbers	Price
1	Computer and Accessories	HP All-in-One, Intel N200, 21.45" (54.5 cm), FHD, 8GB DDR5, 512GB SSD, Intel UHD Graphics, 720P HD Camera W/Privacy Shutter, Dual Speakers (Win11, White, 4.17 Kg) Dg0154in	05	$35,000 \times 05 = 1,75,000$
		UPS (Microtek)	05	$4000 \times 05 = 20,000$
		Router (Fingertip)	01	4,000
		Epson Laser Printer	01	10,000
		Scientific Calculator (82MS CASIO)	20	$1410 \times 20 = 28,200$
		Pen drive (16 Gb)	01	400

TOTAL : 2,37,600**INFRASTRUCTURE REQUIRED FOR MATH LAB**

SL. NO	Items Require	Details Of Item	Quantity in Numbers	Price
1	Software	MATLAB (Academic ,Annual Subscription)		17,750
2	Furniture	Desktop Table(Walter)	05	$3,000 \times 05 = 15,000$
		Movable Chair(Life Chair)	05	$3,000 \times 05 = 15,000$

TOTAL : 47,750**TOTAL : 2,37,600+47,750 = 2,85,350**

H.O.D MATHEMATICS

GOVT. WOMEN'S COLLEGE, BALANGIR

GOVT. WOMEN'S COLLEGE, BALANGIR

DEPT. OF COMPUTER SCIENCE

SL NO.	NAME OF ITEMS	BRAND	QTY	PRICE	AMOUNT
1	Printer cum scanner	Epson	1	10,000	10,000
2	Projector	Epson	1	30000	30,000
3	Projector screen	Arrow Sign	1	1900	1900
4	Antivirus	NPAV	25	315	7,875
5	Pendrive (128 gb)	SanDisk	1	600	600
6	Fire Extinguisher	Ultra fire	1	800	800
7	Chair	Lifecare	3	2000	6000
8	Curtains	GETHITCHED	6	250	1500
9	Mouse pad		25	200	5000
10	Air Conditioner	Godrej	2	35,000	70,000
11	Computer Chair	Lifecare	12	1700	20,400
12	VM Ware Software		15	4500	67,500
13	Desktop	HP	1	40,000	40,000

Total= 2,61,575/-



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INFRASTRUCTURE REQUIRED FOR CHEMISTRY LAB ESTABLISHMENT

Sl No	Items Required	Details of Items	Quantity in Nos	Price
1	Furniture	Student's Stool	16	16000
		Demonstration Table	01	15000
		Teacher's Table (Neelkamal/Godrej)	01	10000
		Teacher's Chair	01	5000
2	Gas connection with Burner		01	6000
3	Pen drive (16 Gb)		02	400
4	Digital Electronic Balance	Wesner, 300x0.001g 1mg digital analytical balance	01	15000
5	pH Meter	Bench Top Digital PH Meter (Global)	01	5000
6	Calorimeter		01	5500
7	Water purification system	Kent/Aqua guard	01	15000
8	Fire extinguisher		01	5500
9	Fridge	Godrej/LG/Samsung 230 lit	01	25000
10	Distillation Unit	ISKO® Water Distillation Unit 304 Stainless steel (6 Ltr)	01	7000
11	Oven		01	15000
12	Copper Foil		01	480
13	Chromatographic column		5	1125
14	Ostwald's viscometer		10	1000
15	Stalagmometer		10	600
16	Conductivity meter		1	8000
17	Potentiometer		1	5000
18	Magnetic stirrer		1	1300
19	Buchner funnel		5	5000
20	China Dish		20	400
21	Dropper	Glass Dropper	10	399
22	Platinum Wire		4	390
23	Rubber Bulb		4	320
24	Blow Pipe		10	650
			TOTAL	1,70,064

LIST OF GLASSWARES FOR CHEMISTRY LAB

Sl. No.	Equipment Name	QNTY.	Rate (Rs.)	Cost (Rs.)
1	Beaker 50ml ‘PERFIT’	20	40.00	800
2	Beaker 100ml ‘PERFIT’	20	45.00	900
3	Beaker 250ml ‘PERFIT’	20	60.00	1200
4	Beaker 500ml ‘PERFIT’	5	95.00	475
5	Beaker 1000ml ‘PERFIT’	5	210.00	1050
6	Buckner Funnel 3” Porcelain ‘PERFIT’	6	80.00	480
7	Buckner Funnel 6” Porcelain ‘PERFIT’	7	220.00	1540
8	Burette 50ml. ‘A’ class ‘PERFIT’	20	335.00	6700
9	Chromatography column 1”x 18” with stopcock ‘PERFIT’	10	225.00	2250
10	Sintered Glass Crucible 30ml., porosity G3 ‘PERFIT’	15	80.00	1200
11	Conical Flask 100ml. ‘PERFIT’	20	54.00	1080

12	Conical Flask 250ml. 'PERFIT'	10	80.00	800
13	Conical Flask 500ml. 'PERFIT'	10	125.00	1250
14	Conical Flask 1000ml. 'PERFIT'	5	265.00	1325
15	Flat Bottom Flask 500ml. (Round) B-24 socket 'PERFIT'	10	150.00	1500
16	Universal Hydrometer 1000- 2000 'PERFIT'	3	100.00	300
17	Measuring Cylinder 25ml.	10	85.00	850
18	Measuring Cylinder 100ml.	10	140.00	1400
19	Measuring Cylinder 1000ml	5	700.00	3500
20	Measuring Flask 100.	20	104.00	2080
21	Measuring Flask 500	20	235.00	4700
22	Measuring Flask 1000.	5	400.00	2000
23	Pipettes size 2ml 'PERFIT'	10	50.00	500
24	Pipettes size 25 ml 'PERFIT'	5	75.00	375
25	Round bottom flask 1000ml	5	305.00	1525
26	Separating funnel 250 ml B 24/B 24	10	330.00	3300

	‘PERFIT’			
27	Spatula spoon/flat	10	25.00	250

TOTAL 45,000

LIST OF CHEMICALS:

Sl. No.	Chemical Name	QNTY.	Rate (Rs.)	Cost (Rs.)
1.	Sodium Thiosulphate	1x500	113	113
2.	Ethyl Aetate	1x500	185	185
3.	Potassium chloride	1x500	109	109
4.	D- Glucose	1x500	162	162
5.	Ammonia Solution	2x500	138	276
6.	Benzene	1x2.5lt	1020	1020
7.	Potassium Sulphate	1x500	178	178
8.	Sulphuric Acid	1x5lt	1165	1165
9.	Silica Gel-G	1x500	432	432
10.	Ethylene Glycol	1x500	270	270
11.	Zinc Nitrate	1x500	320	320
12.	Nickel Nitrate	1x250	630	630
13.	Ferric Nitrate	1x500	154	154
14.	Bismuth Nitrate	1x100	401	401
15.	Microscope slides	1.pack	48	48
16.	Sodium nitrite	1x500	235	235
17.	L-Tartaric Acid	1x500	761	761

18.	Sodium Metal	1x500	640	640
19.	Methyl Acetate (Lab)	1x500	342	342

List of Chemicals

Sr. No.	Chemical Name	QNTY.	Rate (Rs.)	Cost (Rs.)
1	Lead Nitrate	1x500gm	290	290
2	Bismuth (III) Nitrate	2x100gm	380	760
3	Cadmium sulphate	3x100gm	275	825
4	Sodium Arsenate	1x250gm	1690	1690

5	Antimony (III) Chloride	1x500gm	1360	1360
6	Antimony (III) Oxide	1x500gm	1050	1050
7	Potash Alum, K ₂ SO ₄	2x500gm	300	300
8	Chromium (III) Chloride	1X500gm	450	450
9	Chromium (III) Sulphate	1x500gm	240	240
10	Nickel Sulphate	2x250gm	660	1320
11	Manganese (II) Chloride	1x500gm	250	250

12	Manganese (II) Sulphate	1x500gm	225	225
13	Zinc Sulphate	2x500gm	175	350
14	Aluminum Chloride	2x500gm	260	520
15	Barium Chloride	1x500gm	160	160
16	Strontium Chloride	1x500gm	240	240
17	Calcium Chloride	2x500gm	100	200
18	Magnesium Chloride	1x500gm	130	130
19	Magnesium Sulphate	1x500gm	110	110
20	Potassium Chloride	1x500gm	110	110
21	Sodium Chloride	2x500gm	80	160

22	Sodium Carbonate	3x500gm	160	480
23	Urea	5x500gm	125	625
24	Nitric Acid	2x2.5 l	570	1140
25	Toluene	1x500gm	160	160
26	O-Toluidine	1x500gm	290	290
27	Benzoic Acid	1x500gm	250	250
28	O-Cresol	1x500gm	470	470
29	Naphthalene	1x500gm	240	240
30	Sucrose	1x500gm	140	140

31	Sodium Nitroprusside	1x100gm	360	360
32	Ferric Chloride	1x500gm	130	130
33	Potassium Ferricyanide	2x250gm	410	820
34	Ammonium thiocyanate	1x250	200	200
35	Phthalic anhydride	1x500gm	140	140
36	Sodium Nitroprusside	1x100gm	360	360
37	Ferric Chloride	1x500gm	130	130
38	Potassium Ferricyanide	2x250gm	410	820
39	Ammonium thiocyanate	1x250	200	200
40	Nickel dimethyl glyoxime	1x500	510	510
41	Sodium acetate	1x500gm	600	600
42	Ethanol	1x500ml	900	900
43	Methanol	1x500ml	800	800
44	Phenolphthalein indicator	2x125ml	225	450
45	Methyl orange	2x125ml	220	440
46	Fehling A Solution	1X500ML	1000	1000
47	Fehling -B	1x500ml	1000	1000
48	1,2 dinitro phenyl hydrazine	1x500ml	800	800
49	Sodium nitroprusside	1x500ml	790	790
50	Hydrochloric acid	4X500ML	100	400

51	Sodium acetate	2x500	400	800
52	Sodium hydroxide	3x500g	500	1500
53	Sodium bicarbonate	2x500	300	600
54	Sodium carbonate	2x500	400	800
55	Carbon tetrachloride	2x500	400	800
56	cyclohexane	1x500gm	180	180
57	phenol	1x500gm	125	125
58	Potassium dichromate	1x500gm	800	800
59	Benzoyl chloride	1x500gm	1050	1050
60	Zn dust	1x500	342	342
61	Para-Nitro phenol	1x500	761	761
62	Ortho-Nitro phenol	1x500gm	110	110
63	Acetic anhydride	1x500	162	162
64	Cuprous chloride	1x500gm	595	595
65	acetanilide	2x250gm	400	800
66	Charcoal	1x1kg	380	380
67	Acetone	2x1000ml	150	300
68	Ferrous sulphate	1x1kg	329	329
69	Ammonium sulphate	1x 1kg	290	290

TOTAL= 40,000

GRAND TOTAL =1,70,000+45,000+40,000=2,55,000

List of Lab Equipments required for Physics Department

Sl. No	Equipment/Apparatus for Physics Laboratory (UG)	Description	Quantity	Price
1	Rising Table: (Capillary Rise Method)	Fitted with slow motion for easy movement, fitted with plate at the top, on heavy metal base complete with capillary tube holder, rod & boss-head	1	₹ 8,000.00
2	Capillary tube (Glass)	Different dia 0.2mm to 0.4mm	10	₹ 1,000.00
3	Capillary tube holder:-	Metallic, To hold three capillaries with pointer	10	₹ 3,000.00
4	Sextant with stand	All coloured metallic sextant with arc radius 6-7/16"	2	₹ 2,000.00
5	Carey Foster's Bridge	Carey Foster's Bridge kit	4	₹ 10,000.00
6	Poiseuilles method	L-shaped glass tubes forming the manometer with scale; A capillary tube of fine bore is fitted on a wooden board with a three limbed constant level tank of brass	Full Setup	₹ 2,000.00
7	Zener Diode Apparatus	Kit	1	₹ 5,000.00
8	Solar Cell Apparatus	Kit	1	₹ 5,000.00
9	Battery eliminator	0 to 12 V & output current 1 - 3 A	4	₹ 5,000.00
10	Rubber lab hose	1 cm dia	2	₹ 300.00
11	Cathode Ray Oscilloscope	Type of Product : Dual, Trace Oscilloscope, Bandwidth : 30 MHz, Model No : CES 5030, Vertical Sensitivity : 5 mV-5V/DIV P/P	1	₹ 20,000.00
12	Copper Connecting Wire	Cotton Insulated	10	₹ 1,000.00
13	Fractional Resistance Box	0.01-1 Ohms & .1 -10 Ohms Plug Type	5	₹ 2,500.00
14	Resistance Box	1-50Ohms	2	₹ 1,400.00
15	Determination dB/dx Solenoid type	Complete Kit	Full Setup	₹ 25,000.00
16	Thevenin and Norton theorems Kit	With Power supply and meters (C.R.)	1	₹ 1,800.00
17	Andersons bridge	Andersons bridge Kit	1	₹ 5,000.00

List of Lab Equipments required for Physics Department

Sl. No	Equipment/Apparatus for Physics Laboratory (UG)	Description	Quantity	Price
18	Bipolar Junction Transistor (BJT) Kit		1	₹ 4,000.00
19	Astable/ monostable multivibrator	using 555Timer	1	₹ 4,000.00
20	Study of a Basic Operational Amplifier		1	₹ 3,000.00
21	Quinck's Tube Apparatus	1. Compact Electromagnet (8K Gauss) arrangement with U-core. 2. DC Regulated Power Supplies (constant current and constant voltage source). 3. Digital Gauss meter with 2k & 20k Gauss capacity and resolution 4. Digital Weighing scales (700gm) 5. Travelling Microscope with Least count of 0.01 mm.	1	₹ 15,000.00
22	Magnetic Susceptibility Gouys Balance Method	Electromagnet : 0-6Amp, 60V digital display, Pole Pieces : 50mm dia. Digital Gauss Meter : Range : 0-2 K Gauss & 0-20 K Gauss	1	₹ 10,000.00
23	Dielectric Constant	Digital Display with dielectric sheets, 220V input	1	₹ 4,000.00
24	Hall coefficient setup	(i) (a) Hall Probe (Ge Crystal - n type)(b) Hall Probe (Ge Crystal - p type)(ii) Hall Probe Multipurpose Stand,(iii) Hall Effect Set-Up,(iv) Electromagnet, (v) Constant Current Power supply, D Gauss meter	1	₹ 25,000.00
25	BH curve of Fe using solenoid	Features : Power Supply : 2,4,6,8,10,12 V Selectable By using band switch, Control Knob : X Knob, Y Knob Solenoid : Primary 1000 , Secondary 280 Turns	1	₹ 12,000.00
26	ESR Apparatus	FET based marginal R.F. Oscillator Digital display of frequency Excellent peaks display Digital display of Helmholtz Coil Current	1	₹ 20,000.00

List of Lab Equipments required for Physics Department				
Sl. No	Equipment/Apparatus for Physics Laboratory (UG)	Description	Quantity	Price
27	Zeeman Effect Apparatus	Zeeman Effect Apparatus Consists of: (1) Electromagnet (7.5KGauss) with Power Supply(30V/5A) (2) Mercury tube with power supply (3) optical bench (4) Fabry-Perot etalon (5) condenser lens in mount (6) telescope (7) CCTV camera with connecting cables (8) 21 inch LED T.V	1	₹ 30,000.00
28	Tunnel diode I- V characteristics	Tunnel diode I-V characteristics Kit	1	₹ 5,000.00
29	e/m by (a) Magnetic focusing or (b) Bar magnet.	Power Supply : E.H.T. 800V D.C. for cathode Voltage to C.R. tube. 0-100 volts D.C. with moving coil meters to measure the Deflecting voltage either y1 or y2 Plates. Cathode Ray tube fitted on wooden frame with scale divided in centimeters. Deflecting Magnetometer with permanent magnetic compass included. Compass stand, a pair of Bar Magnet.	1	₹ 10,000.00
30	Spectrometer (Refractive index of Prism by sodium source)	Complete Setup	1	₹ 10,000.00
TOTAL				₹ 2,50,000.00

Dr. Sunita Sahoo
Asst. Professor in Physics
Govt. Women's College, Balangir



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PERMANENT SLIDES AND SPECIMENS FOR BOTANY LABOARATORY GWC, BALANGIR

Sl No	Name of Specimen in Permanent Slide (JAPSON/ Labdeals/Crafts)	Required Quantity	Price
1	Fucus thallus TS	03	300.00
2	Fucus male conceptacle VS	03	300.00
3	Fucus female conceptacle VS	03	300.00
4	Polysiphonia antheridial WM	03	300.00
5	Polysiphonia cystocarp WM	03	300.00
6	Polysiphonia tetrasporic WM	03	300.00
7	Puccinia uredo on wheat leaf TS	03	300.00
8	Puccinia teleuto on wheat stem TS	03	300.00
9	Puccinia aecidia on barbery leaf	03	300.00
10	Puccinia pycnia VS	03	300.00
11	Lichen thallus TS	03	300.00
12	Lichen soredia WM	03	300.00
13	Lichen apothecium VS	03	300.00
14	Selaginella root TS	03	300.00
17	Sleaginella stem TS	03	300.00
18	Selaginella strobillus WM/LS	03	300.00
19	Selaginella microsporangia	03	300.00
20	Selaginella mega and microsporangia WM	03	300.00
21	Pinus Female Cone	03	300.00
22	Cycas Megasporophyll	03	300.00
26	Selaginella Specimens	03	300.00
27	Psilotum Specimens	03	300.00
28	Equisetum Specimens	03	300.00
29	Fucus Specimen	03	300.00
30	Cycas coralloid root TS	03	300.00
31	Cycas rachis TS	03	300.00
32	Cycas microsporphyll TS	03	300.00
33	Cycas megasporophyll TS	03	1200.00
34	Cycas ovule LS	03	1200.00
35	Pinus needle TS	03	300.00
36	Ginkgo stem TS	03	300.00
37	Ginkgo petiole TS	03	300.00
38	Ginkgo leaf TS	03	300.00
41	Gnetum stem TS	03	300.00
42	Gnetum root TS	03	300.00
43	Gnetum leaf TS	03	300.00
44	Gnetum male cone TS/LS	03	300.00
45	Gnetum female cone TS/LS	03	300.00
46	Gnetum ovule VS	03	300.00
47			13,500.00



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CHEMICALS AND CONSUMABLES REQUIRED FOR BOTANY LABORATORY GWC, BALANGIR

Sl No	Name of Chemicals	Quantity	Price
1	Grams Staining kit K001-1KT	02	1500.00
2	Aceto carmine PCT1304-50ML	02 (50ml)	1300.00
3	Agar Agar Type 1 GRM666 500G	500gm	1200.00
4	Glacial Acetic acid AS119-500ML	500ml	800.00
5	Benedict's Qualitative Reagent	500ml	285.00
6	Sodium dihydrogen phosphate monohydrate	100gm	1600.00
7	di-Sodium hydrogen phosphate anhydrous	100gm	1900.00
8	Citric acid TC105-100G	100gm	1200.00
9	1-Naphthol MB359-100G	100gm	800.00
10	Sodium hydroxide flakes	500gm	300.00
11	Copper (II) sulphate pentahydrate	100gm	300.00
12	Bradford Kit for Protein Estimation,		3000.00
13	Ninhydrin MB234-10G	10gm	1100.00
14	Millon's Reagent R097-250ML	250ml	1000.00
15	Lead acetate GRM756-500G	500gm	1340.00
16	Phenolphthalein MB353-25G	25gm	500.00
17	Safranine Staining, Solution, Qualigens,	125ml	250.00
18	Absolute Alcohol	4×500ml	3200.00
19	Acetone	2×500ml	1200.00
20	Petroleum ether	2×400ml	1500.00
24	Hematoxylin solution (Ehrlich) for microscopy	125ml	300.00
25	CTAB (cetyltrimethyl Ammonium Bromide)	500gm	2500.00
26	TRIS -HCL	500gm	3000.00
27	EDTA HiMedia	2×500gm	3000.00
30	TRIS Buffer	500gm	1000.00
31	Isopropyl alcohol	2.5 lit	1300.00
32	Boric acid	500gm	350.00
33	Chloroform	2×500ml	800.00
34	Isoamyl Alcohol	500ml	500.00
35	Sodium Dodecyl Sulfate	500gm	2000.00
36	EtBr	1gm	670.00
37	LB Media	500gm	3100.00
38	Glycerine AS100-500ML	500ml	800.00
39	Xylene, Hi-AR™ AS080-500ML	500ml	800.00
40	Methanol MB113-500ML	500ml	800.00
41	Folin's Reagent ML059-125ML	125ml	3000.00
42	Agarose	100gm	1500.00
43	Cotton blue water soluble, Practical grade GRM955-25G	25gm	1300.00

44	Eosin, 2% w/v S007-125ML	125ml	200.00
45	D.P.X. mountant (Liquid)	500gm	1500.00
46	Watch Glass (Borosil)	20 No	1500.00
47	Indole-3-butyric acid (IBA)	5gm	700.00
48	6-Benzyladenine (6-BAP) PCT0802-1G	1gm	200.00
49	Kinetin PCT0806-1G	1gm	900.00
50	Conical Flask 250ml	20 Nos	3000.00
51	Beaker 500ml	12 Nos	3000.00
52	Conical Flask 1000ml	02Nos	1000.00
	Beaker 1000ml	02 Nos	1000.00
53	Measuring Cylinder 10ML	04 Nos	800.00
54	Measuring Cylinder 50ML	02 Nos	1200.00
55	Reagent Bottle 500ml	10 Nos	3000.00
56	Whatman Filter paper	01 pack	500.00
57	Motar and Pestal 6 inches	06 Nos	3000.00
58	MS Media	500gm	700.00
59	Sucrose	500gm	500.00
60	Bromophenol blue	5gm	250.00
61	Litmus Paper	1pack	350.00
62	Aneline Blue	25gm	700.00
63	Congo Red	25gm	360.00
64	Acid Fuchsin	25gm	650.00
65			
TOTAL			76005.00



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EQUIPMENTS REQUIRED FOR ESTABLISHMENT OF UG LAB **BOTANY**

Sl. No	Name of Equipment's	Details of the Equipment's	Quantity Required	Price
1	Digital Electronic Balance	Wesner, 300x0.001g (1mg) digital analytical balance with charging cord	01	15,000.00
2	pH Meter	Bench Top Digital PH Meter (Global)	01	5000.00
3	Tools For gardening	Local Suppliers	02 sets	3000.00
4	Horizontal Gel electrophoresis with casting tray and power pack	Tarson/Bioera	01 Set	25,000.00
5	Vertical Gel Electrophoresis	Tarson/Bioera	01 Set	25000.00
6	Spectrophotometer	ELICO/TARSON/REMI	01	20,000.00
7	Laminar Air Flow for Microbiological work	Kirloskar/Lab solutions India	01	50,000.00
7	Clinical Centrifuge 6000RPM	Remi/Labcare	01	10,000.00
8	Binocular LED light Microscope up to 100X magnification	Olympus/Leica/Moglix	01	20,000.00
9	Microcentrifuge 10000RPM	Remi/Tarson	01	10,000.00
10	Magnetic Stirrer with Plate	Tarson/Remi	01	10,000.00
			Total	1,93,000.00



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INFRASTRUCTURE REQUIRED FOR ALL LAB ESTABLISHMENT

Sl No	Items Required	Details of Items	Required Quantity in Nos	Price
1	Furniture	Demonstration Table	01	20,000.00
		Stool	32	32000.00
2	Almira (Storewell)	Iron Door (Godrej)	01	15,000.00
		Glass Door (Godrej)	01	10,000.00
				77000.00

Department of Education

Requisition of Laboratory Equipment as Per Nep -2020

Sl.No	Items	Details Of The Item	Quantity	Tentative Amount
1	Projector With Pointer (Canon)		01	40000
2	Laptop (HP)		01	50000
3	Seminar Podium With Inbuilt Sound System		01	50000
4	Printer (HP)		01	12000
5	Smart Board		01	1,00,000
6	Raven's Standard Progressive Matrices (RCPM)	Non-Verbal Group Intelligence Test	02	4000
7	Bhatia's Battery Of Performance Tests Of Intelligence (BBPTI)	Non-Verbal Performance Test	02	6000
8	Verbal Test Of Creative Thinking By Baquer Mehdi	Verbal Creativity	02	5000
9	Non-Verbal Test Of Creative Thinking By Baquer Mehdi	Non-Verbal Creativity Test	02	4000
10	16 Personality Factor Questionnaire (16PF)	Trait Based Personality Assessment (Cattell)	02	6000
11	Children Apperception Test (CAT)	Projective (Animal /Human Figures)	02	4000
12	SPSS	Software	01	75000
13	A4 Paper		05	1000
14	Kangaro HP Big Stapler		02	600
15	Kangaro Hole Puncher		02	400
16	Paper Pin		05 pkt	250
17	Paper Clip		05 pkt	250
18	Big Scissor		02	400
19	Glue		02	100
20	Whitener pen		02	100
21	Extension Board		02	1000
22	Flyleaf/Hard Flyleaf/File		20	1000
23	Educational thinkers photo frame		10	1500
24	Chart, map & timeline			1500
25	Globe		01	500
26	Table cloth		03	500
27	Chalk		10 pkt	500
28	B.B cloth		05 piece	1000
29	Table glass		01	2500
30	Window screen		03	450
31	Door screen		01	200
32	Computer cover		01	300
33	File tag		02 pkt	200
Total =				370250

Sign of Principal

Sign of HoD