

GOVERNEMENT WOEMEN'S COLLEGE, JEYPORE, DIST-KORAPUT
LIST OF ARTICLES & EQUIPMENT WITH NOTICE NO.804/GWC DTD.23.11.2015

DEPARTMENT OF: PHYSICS

1. Slide calipers
2. Solid Cylinder
3. Hollow Cylinder
4. Parallelogram of force apparatus
5. Nicholson Hydrometer
6. Physical Balance
7. Weight Box
8. Drawing Board
9. Fixing Pins
10. Concave Mirror
11. Convex Mirror
12. Two pin attached to stand
13. Watch glass
14. Spherometer
15. Hares Apparatus
16. Steam Boiler
17. Calorie meter
18. Thermometer
19. Mirror Strip
20. Plumb line
21. Tall jar for Nicholson Hydrometer
22. Sonometer
23. Tuning fork
24. Rubber pads
25. Simple Pendulum set
26. Glass Slab for refraction
27. Prism
28. Meter Bridge
29. Galvanometer
30. Plug key
31. Jockey
32. Post Office Box
33. Resistance Box
34. Voltmeter
35. Ammeter
36. Rheostat
37. Bar Magnet
38. Plane Mirror
39. Simple Microscope
40. Stop Watch
41. Dissecting Microscope

Department of Chemistry(Apparatus)

- 1 Bunsen Burner
- 2 Tripod Stand
- 3 Test Tube

- 4 Funnel
- 5 Funnel Stand
- 6 Measuring Flask (10 ml)
- 7 Measuring Flask (50 ml)
- 8 Measuring Flask (100ml)
- 9 Test Tube holder
- 10 Test Tube Stand
- 11 Tongs
- 12 Wire Gause
- 13 Round Bottom Flask (500ml)
- 14 Conical Flask (150 ml)
- 15 Conical Flask (250 ml)
- 16 Gas Jars
- 17 Glass Rod
- 18 Reagent Bottles (250 ml)
- 19 Reagent Bottles (125 ml)
- 20 Reagent Bottles (100 ml)
- 21 Reagent Bottles (500 ml)
- 22 Pestle and mortar
- 23 Wafer Bath Copper
- 24 China Dish
- 25 Test tube brush
- 26 Watch glass
- 27 Pipette (10ml)
- 28 Burette (50ml)
- 29 Burette Stand
- 30 Burette clamp
- 31 Pipette (25 ml)
- 32 Wash Bottle
- 33 Filter paper
- 34 Kipps apparatus
- 35 Copper turnings
- 36 Platinum wire
- 37 Iron Wire
- 38 Blow pipe
- 39 Rubber cork
- 40 Starch iodide paper
- 41 Litmus paper
- 42 Spatula
- 43 Eudiometer tube
- 44 Fusion tube

Department Chemistry (Chemicals)

- 1 Sulphuric acid
- 2 Hydrochloric acid
- 3 Nitric acid
- 4 Acetic acid
- 5 Copper Sulphate
- 6 Sodium Sulphate
- 7 Sodium Nitrate
- 8 Sodium bicarbonate

- 9 Sodium hydroxide
- 10 Potassium Carbonate
- 11 Calcium Chloride
- 12 Calcium Carbonate
- 13 Barium Chloride
- 14 Ammonium Chloride
- 15 Zinc Sulphate
- 16 Ammonium Carbonate
- 17 Sodium Sulphide
- 18 Potassium hydroxide
- 19 Nessler's reagent
- 20 Ammonium Oxalate
- 21 Ammonium Sulphate
- 22 Cobalt Nitrate
- 23 Dinefhyll glyoxime
- 24 Disodium hydrogen phosphate
- 25 Ferric Chloride
- 26 Lead acetate
- 27 Mercuric chloride
- 28 Potassium iodide
- 29 Pot. Chromate
- 30 Pot. Dichromate
- 31 Pot. Fericyanide
- 32 Pot. ferrocyanide
- 33 Pot. Pyroantimonate
- 34 Silver Nitrate
- 35 Stannous Chloride
- 36 Yellow ammonium Sulphide
- 37 Borax
- 38 Ferrous Sulphate
- 39 Manganese dioxide
- 40 Pot. Chloride
- 41 Pot. Nitrate
- 42 Sod Carbonate
- 43 Sod Nitrite
- 44 Sod. bismuthate
- 45 Lead Nitrate
- 46 Aluminium Sulphate
- 47 Aluminium Phosphate
- 48 Barium Carbonate
- 49 Strontium Carbonate
- 50 Pot. Sulphate
- 51 Copper Carbonate
- 52 Ammonium Nitrate
- 53 Formic acid
- 54 Phenol
- 55 Acetaldehyde
- 56 Acetone
- 57 Rectified spirit
- 58 Pot. Permanganate
- 59 Oxalic acid
- 60 Ammonium molybdate

- 61 Lead iodide
- 62 Silver iodide
- 63 Mercuric chloride
- 64 Calcium hydroxide
- 65 Manganese Sulphate
- 66 Magnesium Ribbon
- 67 Ammonium Hydroxide
- 68 Phenolphthalein
- 69 Methyl orange
- 70 Sodium Metal
- 71 Sodium nitro prusside
- 72 Ethyl alcohol
- 73 2,4- DNP
- 74 Sod. Bisulphate
- 75 Tollen's reagent
- 76 Fehling solution A & B
- 77 Ceric ammonium nitrate

Department of Zoology

Sl.No.	Name	Sl.No.	Name
1	Chloroform	21	Iodine Solution
2	Formalin	22	Starch Solution
3	Bouin's Fluid (Acqueous)	23	Distilled Water
4	Bouin's Fluid (Alcoholic)	24	N/10 Hcl
5	Carnoy's Fluid	25	0.3% Nacl (Hypotonic)
6	Grades of Alcohol for Dehydration	26	2% Nacl (Hypertonic)
	a) 30% Alcohol	27	0.9% Nacl (Isotonic)
	b) 50% Alcohol	28	Potassium Iodide
	c) 70% Alcohol	29	1% Starch Solution
	d) 90% Alcohol	30	1% Iodine Solution
7	Haematoxylin (Stain)	31	Alcoholic Phenolphthalein (1%)
8	Eosin	32	Soyabean Powder
9	Leishman's Stain	33	Dilute Hcl
10	Acetocarmine	34	Dilute NaoH
11	Safranin	35	Methylene Blue
12	Borax Carmine	36	Different pH tablets
13	Glycerine	37	Conc Nitric Acid
14	Canada Balsam	38	Conc Sulphuric Acid
15	Acid Water	39	30% Sulpho-Salicylic Acid
16	Acid Alcohol		
17	Normal Saline		
18	Ringer's Solution		
19	Benedict's Solution		
20	Fehling Solution		

The following equipments are required for the Zoology practical work.

Sl.No.	Name	Sl.No.	Name
1	Student Microscope	8	Test Tube Stand
2	Museum Specimens	9	Mounting materials
3	Pemanent Slides	10	Mendelian Trait Models
4	Haemoglobinometer	11	Models of Human Eye
5	Pipette Graduated 10ML.	12	Models of Human Ear
6	Test Tube	13	Models of Human Heart
7	Spirit Lamp Brass	14	Models of Human Brain

Department of Home Science

1. Modular Kitchen
- 2 Computer
- 3 Water purifier (Kent KO)
- 4 Double door freeze
- 5 Induction cooktops
- 6 Philips Air Fryer
Philips viva Collection H.D 9220 AIR
Fryer with Rapid Air Technology
- 7 Electric steam cooker
- 8 Steam iron philips
- 9 Hand Blender with chopper and beaker
- 10 Soup maker
Philips Viva collection HR 2201/8/1-2 litre
- 11 Philips HL1631 500 watt juicer
- 12 Food processor
- 13 Vacuum cleaner
- 14 Electric griller
- 15 Interior decoration Book
- 16 Hot case (6)
- 17 Different art models
- 18 Painting
- 19 House designing catalogue
- 20 Sticking Book
- 21 Display Board (Art)
- 22 Show case for Art Gallery
- 23 Projector
- 24 White Board

- 25 Knife set (24 PC) , storage container set (50 PC)
- 26 Scissor (6)
- 27 Sandwich maker (philips HD 2390820 watt)
- 28 Hand held garment steamer (philips GC330)
- 29 Measurement taps (6)
- 30 Pottery decoration catalogue
- 31 Flower arrangement catalogue
- 32 Future Dose Tava (4) Tave-cum-kadhai (4)
- 33 Sewing machine (Usha janome Dream), (oil)
- 34 Dinner set (china clay) (96 peaces) for 8 persons
- 35 Burning test Kit
- 36 Stain removal (chemical)
- 37 Rice cooker (4)
- 38 Spoon set (Buffer Knife , fork & spoons (2 sets)
- 39 Cooking range
- 40 Glass set (3 sets)
- 41 Custard bowl (3 sets)
- 42 Floor cleaner
- 43 Stand for cooking utensils
- 44 Kadhai (4) , lids (diff. Size 12 pc)
- 45 Suice pan (5)
- 46 Serving tray (10) (Big size)
- 47 Tea set
- 48 Soup Bowl (3 set)
- 49 Apron & cap (16)
- 50 Gloves (10 pair)
- 51 Gloves for microwave (2 pair)

- 52 Distbin (6)
- 53 Dust pan (6)
- 54 Stainer (4)
- 55 Square tabs (Medium size , 10)
- 56 Patila (4 , big size)
- 57 Spatula (6) , chapping board (6)
- 58 Pressure cooker , Non-stick (2)
- 59 Spoon set for custard & soup (24 pc)
- 60 Water storage container (2)
- 61 Kitchen napkin , wiper , Handwash ,colin
- 62 . Show case for art gallery
- 63 Projector
- 64 Different type of base
- 65 Tandoor oven
- 66 Dough maker
- 67 Mixer grinder
- 68 Non stick pressor cooker
- 69 Non stick pain
- 70 Plastic bucket
- 71 Different type of serving utensil
- 72 Dinning mat

Home Science (H.S wing)

<u>Sl No.</u>	<u>Name of the Equipments</u>
1.	Water Purifier
2.	Sewin Machine
3.	Steam Iron with spray
4.	Hand Mixer
5.	Hand Blender with chopper & Beaker
6.	food Processor
7.	Four Burner Gas stove
8.	Gas pipe with regulator
9.	Scissors
10.	Measuremnt tape
11.	Ironing Board
12.	Knife Set
13.	Dose tava
14.	Pressure cooker
15.	Chopping Board
16.	Air fryer
17.	Wash tabs

<u>Sl No.</u>	<u>Chemicals used for stain removal</u>
1.	Bora
2.	Sodium hydrosulphite
3.	Blotting paper
4.	Alcohol
5.	Glycerin
6.	Javel water

FURNITURES:

1) Physics Department wooden Table: Height – 3', Width – 3'.6", Length – 5'
Of bija wood top thickness- 1", side supporting -6" size.

Physics Department Wooden Rack: - Height-6", Width-3" Length-1.6' of Bija wood.

Physics Department Wooden Stool: Height-22", Width-12", Length-18' of Bija wood.
Top size 1" thickness, top one side slop for ½".

2) Chemistry Department Wooden Table: Height – 3', Width – 4', Length – 6' of bija wood, with four side cupboard and drawar, one wash basic in the middle of the table, two racks of size 15"lx18"hx8"w vertically fixed on the table both sides of the wash basic. Top thickness of the table 1'1/2" (1foot ½ inch) with gas pipe connection.

Chemistry Department Wall Self: Height-2.6, Width-8" Length-2'.6" of Bija wood.
3 selfs with gap of 8" in between them (equally divided into three parts)

3). Zoology Department wooden table: Height – 2'.3", Width – 2'.6", Length – 6'
Made up of bija wood, top wooden thickness of 1" size, one wash basin fixed on the middle of the table with tabs and pipe connections.

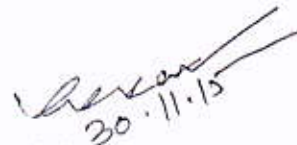
4) Botany Department wooden table : Height – 2'.3", Width – 2'.6", Length – 6'
Top thickness of 1" Size , basin with tabs and pipe conection.

5) Teachers Table : Size 6' x 3' x 2'1/2" with top 1" size, made up of bija wood.

6) Teachers Chair : "S" Type Chair. All the tables, self, racks and stools are made up of Bija wood.

7) Still Almirha without locker & with locker self.

8) Steel Racks


30.11.15

Principal

Govt. Women's College, Jeypore