



Phone & Fax No. - 0631-2250029

जगजीवन महाविद्यालय

(मगध विश्वविद्यालय, बोधगया की अंगीभूत इकाई)

गया-823003 (बिहार)

Website : www.jagjiwancollege.org

E-mail : jagjiwanmahavidyalaya@gmail.com

प्रधानाचार्य / कार्यालय

पत्रांक- 52/77/2024

दिनांक- 28.02.2024

INVITATION FOR QUOTATIONS

As per Magadh University, Bodh-Gaya letter No. Bud/52/2024 dated 05 Feb 2024, it has been decided by appropriate authority to procure necessary equipment and other items for various departments of the college. In this regard, sealed quotations are invited from reputed and experienced contractors/ service providers/ suppliers, who are registered in Govt. of Bihar Eproc 2.0 portal and willing to undertake assignment. The list of items with specifications and other details can be ascertained from the college during working hours and from the college website <https://www.jjcollegegaya.ac.in/>

Interested and eligible firms are requested to submit their quotation to the undersigned within 15 days from the date of notice.

The undersigned reserves all the rights to reject any or all the quotations without assigning any reason thereof.

52/77/2024
28/02/24

Principal


Jagjiwan College

Principal
Jagjiwan Mahavidyalaya


28/2/24

List of items to be supply (Zoology)

Sl. No.	Name of Item
✓ 1	Compound Microscope two objective and two eye pc, Olympus
2	Dissecting Microscope, Olympus
✓ 3	Dissecting Box
✓ 4	Glucometer, Best Quality
✓ 5	Haemometer
✓ 6	Pipette Washer, Ajanta
✓ 7	Vertical Autoclave, Ajanta
✓ 8	Blood Pressure Apparatus, Diamond
✓ 9	Stethoscope, Best Quality
✓ 10	Hot Air Oven, Ajanta
✓ 11	Slide Cabinet, Ajanta
✓ 12	Serological Water Bath, Ajanta
✓ 13	Dissecting Tray
✓ 14	Staining Rack
✓ 15	Vacuum Oven, Ajanta
✓ 16	Dropping Bottle T.K. type 60ml., Borosilicate
✓ 17	Dropping Bottle with Rubber teat , Borosilicate
✓ 18	Reagent Bottle- 125ml., Borosilicate
✓ 19	Reagent Bottle- 250ml., Borosilicate
✓ 20	Reagent Bottle- 500ml., Borosilicate
✓ 21	Beaker- 100ml., Borosilicate
✓ 22	Beaker- 250ml., Borosilicate
✓ 23	Beaker- 500ml., Borosilicate
✓ 24	Beaker- 1000ml., Borosilicate
25	Measuring Cylinder- 250ml., Borosilicate
26	Measuring Cylinder- 500ml., Borosilicate
✓ 27	Measuring Cylinder- 1000ml., Borosilicate
✓ 28	Pipette Volumetric- 10ml., Borosilicate
✓ 29	Pipette Volumetric- 20ml., Borosilicate
✓ 30	Pipette Volumetric- 25ml., Borosilicate
31	Test tube hard glass 15x125, Borosilicate
32	Test tube hard glass 15x150, Borosilicate
✓ 33	Test tube hard glass 25x150, Borosilicate
✓ 34	Test tube Stand, Fiver
✓ 35	Test tube holder
✓ 36	Camel hair brush
✓ 37	Human Skeleton System, Skeleton
✓ 38	Bones of Rabbit, Skeleton
✓ 39	Bones of Frog, Skeleton
✓ 40	Skeleton of Varanus
✓ 41	Skeleton of Aves
✓ 42	Pit viper, Skeleton
✓ 43	Zoology Model — Kangaroo, Crocodile, Pigeon, Parrot OK
✓ 44	Zoology Specimen
✓ 45	Permanent Slide
46	Zoological Charts
47	Ammonium Hydroxide- 500ml, Nice/CDH/Molkem/Merk
48	Aniline- 500ml, Nice/CDH/Molkem/Merk
49	Acetocarmine Stain- 125ml, Nice/CDH/Molkem/Merk


 27/02/2024
 Head of the Zoology Department
 J.J. College, Gaya

50	Acetic Acid- 125ml, Nice/CDH/Molkem/Merk
51	Antiserum A - 200ml, Nice/CDH/Molkem/Merk
52	Antiserum B - 200ml, Nice/CDH/Molkem/Merk
53	Ethyl Alcohol- 500ml, Nice/CDH/Molkem/Merk
54	Benedict's Reagent- 500ml, Nice/CDH/Molkem/Merk
55	Borax Carmine- 100ml, Nice/CDH/Molkem/Merk
56	Borax-500gm, Nice/CDH/Molkem/Merk
57	Boric Acid- 500gm, Nice/CDH/Molkem/Merk
58	Biuret Reagent Solution- 125ml, Nice/CDH/Molkem/Merk
59	Benzene- 500ml, Nice/CDH/Molkem/Merk
60	Chloroform- 500ml, Nice/CDH/Molkem/Merk
61	Canada Balsam- 500ml, Nice/CDH/Molkem/Merk
62	Fehling Solution A - 500ml, Nice/CDH/Molkem/Merk
63	Fehling Solution B - 500ml, Nice/CDH/Molkem/Merk
64	Glycerin - 500ml, Nice/CDH/Molkem/Merk
65	Glacial Acetic Acid - 500ml, Nice/CDH/Molkem/Merk
66	Hydrochloric Acid - 500ml, Nice/CDH/Molkem/Merk
67	Nitric Acid - 500ml, Nice/CDH/Molkem/Merk
68	Picric Acid - 125ml, Nice/CDH/Molkem/Merk
69	Phenol - 500ml, Nice/CDH/Molkem/Merk
70	Sodium Carbonate - 500gm, Nice/CDH/Molkem/Merk
71	Sodium Hydroxide - 500gm, Nice/CDH/Molkem/Merk
72	Sulphuric Acid - 500ml, Nice/CDH/Molkem/Merk
73	Sulphosalicylic Acid - 125ml, Nice/CDH/Molkem/Merk
74	Methanol 500ml, Nice/CDH/Molkem/Merk
75	Methyl Orange 125ml, Nice/CDH/Molkem/Merk
76	Safranine Solution Aqueous 125ml, Nice/CDH/Molkem/Merk
77	Phenolphthalein Indicator Solution 125ml, Nice/CDH/Molkem/Merk
78	Eosin Yellow Stain Solution 125ml, Nice/CDH/Molkem/Merk
79	Deionised Water 5ltr., Nice/CDH/Molkem/Merk
80	Methyl Orange Indicator 25gm, Nice/CDH/Molkem/Merk
81	Phenolphthalein Indicator 50gm, Nice/CDH/Molkem/Merk
82	Potassium Iodide 100gm, Nice/CDH/Molkem/Merk
83	Safranine 25gm, Nice/CDH/Molkem/Merk
84	Malachite Green for Microscopy 25gm, Nice/CDH/Molkem/Merk
85	Ethanol Absolute 500ml, Nice/CDH/Molkem/Merk
86	Petroleum Ether 500ml, Nice/CDH/Molkem/Merk
87	Carbon Tetra Chloride 500ml, Nice/CDH/Molkem/Merk
88	Ammonia Solution 500ml, Nice/CDH/Molkem/Merk
89	Acetyl Chloride 500ml, Nice/CDH/Molkem/Merk
90	Schiffs Reagent 500ml, Nice/CDH/Molkem/Merk
91	Chloroform 500ml, Nice/CDH/Molkem/Merk
92	Acetonitrile 500ml, Nice/CDH/Molkem/Merk
93	Phenol (Carbolic Acid) 500ml, Nice/CDH/Molkem/Merk
94	Litmus Red Solution 125ml, Nice/CDH/Molkem/Merk
95	Benzene 500ml, Nice/CDH/Molkem/Merk
96	Formal Dehyde (Formaline) Solution 500ml, Nice/CDH/Molkem/Merk
97	LCD Projector with accessories


 27/02/2024
 Head of the Zoology Department
 J.J. College, Gaya

List of items to be supply (Botany)

Sl. No.	Name of Item
1	Laboratory Stirrer
2	Magnetic Stirrer
3	Hot Plate
4	Shacking Machine
5	Rotary Shaker
6	Vortex Shaker
7	Pipette Washer
8	Laboratory Centrifuge
9	Compound Microscope two objective and two eye pc.
10	Dissecting Microscope
11	Dissecting Box
12	Botanical Tray
13	Hot Air Oven
14	Autoclave
15	Serological Water Bath
16	Slide Cabinet
17	Auxanometer App.
18	Clinostat App.
19	Vacuum Oven
20	Forceps Large (Blunt End)
21	Forceps Small (Pointed)
22	Scissor Large
23	Scissor Small
24	Needle Pointed Head
25	Needle Arrow Head
26	Brush Razor
27	Blow Pipe
28	Sprit Lamp
29	Scalpel Large
30	Scalpel Small
31	Test Tube Stand
32	Test Tube Large
33	Test Tube Medium
34	Dropper Glass
35	Dropping Bottle
36	Watch Glass 4"
37	Petri Dish (Glass)
38	Petri Dish (Plastic)
39	Plane Slide
40	Cover Glass
41	Glass Tube 3"/4"
42	Glass Rod
43	Measuring Cylinder- 250ml.
44	Measuring Cylinder- 500ml.
45	Measuring Cylinder- 1000ml.
46	Conical Flask- 250ml.
47	Conical Flask- 500ml.

For A. Shankar
27/02/2024.

HOD
Dept. of Botany
J.J. College, Gaya

48	Beaker Glass- 250ml.
49	Beaker Glass- 500ml.
50	Beaker Glass- 1000ml.
51	Specimen Jar with Lid
52	Reagent Bottle- 250ml.
53	Reagent Bottle- 500ml.
54	Volumetric (Measuring) flask-250ml
55	Volumetric (Measuring) flask-500ml
56	Placentaion, Charts
57	Malvaceae , Charts
58	Solanaceae , Charts
59	Typical Flower , Charts
60	Monocot Stem T.S. & Dicot Stem, Charts
61	Dicot Stem T.S. , Charts
62	Monocot Root T.S. & Dicot Root, Charts
63	Dicot Root T.S. , Charts
64	Ecological Adaptation (Xerophytes) , Charts
65	Ecological Adaptation (Hydrophytes) , Charts
66	Analogous Organs in Plant, Charts
67	Monocot Stem, Dissecting Materials
68	Dicot Stem, Dissecting Materials
69	Monocot Root, Dissecting Materials
70	Dicot Root, Dissecting Materials
71	Anabaena, Dissecting Materials
72	Batrachospermum, Dissecting Materials
73	Oedogonium, Dissecting Materials
74	Polysiphonia, Dissecting Materials
75	Volvox, Dissecting Materials
76	Puccinia on Wheat, Dissecting Materials
77	Alternaria, Dissecting Materials
78	Marchantia, Dissecting Materials
79	Lycopodium, Dissecting Materials
80	Selaginella, Dissecting Materials
81	Pinus, Dissecting Materials
82	Taxus, Dissecting Materials
83	Gnetum, Dissecting Materials
84	Anthoceros, Dissecting Materials
85	Polytrichum, Dissecting Materials
86	Psilotum, Dissecting Materials
87	DNA, Models
88	Plant Cell, Models
89	Stomata, Models
90	Gaseous Exchange in Lower Organism, Models
91	Meosis, Models
92	Metosis, Models
93	Orchid, Models
94	Transpiration of water in Plants, Models
95	Budding in Yeast, Models
96	Sexual Reproduction in Plants, Models

for A. Shankar
27/02/2024.

HOD
Dept. of Botany
J.J. College, Gaya

97	Xerophytic Plants, Models
98	Leaf T.S. (Maize) , Models
99	Root Nodules, Models
100	Binary Fission, Models
101	Multiple Fission, Models
102	Fragmentation in Spirogyra, Models
103	T.S. Monocot Stem, Models
104	Various Types of Cellular Organism, Models
105	Bacteria – Desmids, Models
106	Diatoms, Models
107	Amoeba – Dino Flag elates, Models
108	T.S. Monocot Stem, Models
109	T.S. Dicot Stem
110	T.S. Monocot Root
111	T.S. Dicot Root
112	T.S. Monocot Leaf
113	T.S. Dicot Leaf
114	Structure of Nervous Cell
115	Nostoc WM, Permanent Slide
116	Rivulria WM, Permanent Slide
117	Anabaena WM, Permanent Slide
118	Chara with Sex Organs, Permanent Slide
119	Oedogonium Macrandrous, Permanent Slide
120	Oedogonium Nannandrous, Permanent Slide
121	Vaucheria Vegetative Reproductive, Permanent Slide
122	Volvox with daughter colony, Permanent Slide
123	Ectocarpus, Permanent Slide
124	Batrachospermum, Permanent Slide
125	Polysiphonia Reproductive, Permanent Slide
126	Root Nodule of legume T.S. , Permanent Slide
127	Synchytrium with host T.S. , Permanent Slide
128	Neurospora Basidium , Permanent Slide
129	Peziza Apothesium, Permanent Slide
130	Puccinia on Wheat Uredo spore, Permanent Slide
131	Puccinia on Wheat Teleutospore, Permanent Slide
132	Ustilago Spores WM, Permanent Slide
133	Albugo with host T.S. , Permanent Slide
134	Marchantia Gemma Cup V.S. , Permanent Slide
135	Marchantia Sporangium V.S. , Permanent Slide
136	Anthoceros Sporophyte L.S. , Permanent Slide
137	Anthoceros Thallus V.S. , Permanent Slide
138	Equisetum Stem T.S. , Permanent Slide
139	Equisetum Cone L.S. & T.S. , Permanent Slide
140	Sphagnum WM, Permanent Slide
141	Sphagnum Sporophyte L.S. , Permanent Slide
142	Lycopodium Stem T.S. , Permanent Slide
143	Lycopodium Apex L.S. , Permanent Slide
144	Psilotum Stem T.S. , Permanent Slide

For A. Shankar
27/02/2024.

HOD
Dept. of Botany
J.J. College, Gaya

145	Psilotum Rhizome T.S. , Permanent Slide
146	Psilotum Synangla T.S. , Permanent Slide
147	Selaginella Stem T.S. , Permanent Slide
148	Selaginella Strobilus L.S. , Permanent Slide
149	Cycas Root T.S. , Permanent Slide
150	Cycas Coralloid Root T.S. , Permanent Slide
151	Cycas Leaflet V.S. , Permanent Slide
152	Pinus Root T.S. , Permanent Slide
153	Pinus Needle T.S. , Permanent Slide
154	Eucaryotic Cell WM, Permanent Slide
155	Procaryotic Cell WM, Permanent Slide
156	Casuarina Stem T.S. , Permanent Slide
157	Cuscuta with host T.S. , Permanent Slide
158	Hydrilla Stem T.S. , Permanent Slide
159	Dracaena Leaf V.S. , Permanent Slide
160	Mitosis Stage, Permanent Slide
161	Meiosis Stage, Permanent Slide
162	Blastula, Permanent Slide
163	T.S. OS Ascaris, Permanent Slide
164	Rhynia T.S. , Permanent Slide
165	Scientist Photograph
166	Safranin Staining Solution- 125ml.
167	Phenolphthalein Solution- 125ml.
168	Light Green Stain Solution- 125ml.
169	D.P.X. Mountant-250ml.
170	Glycerin- 500ml.
171	Eosin Solution- 125ml.
172	Vaseline- 500ml.
173	Acetocarmine- 125ml.
174	Hydrochloric Acid- 500ml.
175	Sulphuric Acid- 500ml.
176	Nitric Acid- 500ml.
177	Ethanol (Ethyl Alcohol) – 500ml.
178	Para dichlorobenzene- 500gm.
179	Blotting Paper
180	Formalin- 500ml.
181	Canada Balsam- 500ml.
182	Acetic Acid Glacial- 500ml.
183	Xylene Rectified- 500ml.

① LCD - Projector with Screen. — 01 Pc.

For
A. Shankar
27/02/2024.

HOD
Dept. of Botany
J.J. College, Gaya

Department of Chemistry

J. J. College, Gaya

A. List of Equipment / Apparatus:

Sl. No.	Equipment / Apparatus	Quantity
1.	Vacuum Pump	01
2.	Micro Controller Based pH system with Electrode and Temp. Probe	01
3.	Iodine Flask – 100 ml	10
4.	Stalagmometer	10
5.	Victor Meyer's Apparatus) Complete with inner glass tube and outer copper jacket)	02
6.	Hoffmann's bottle	02
7.	Eudiometer tube	02
8.	Glass trough 25cm x10cm	02
9.	Glass Wool	01
10.	Specific gravity Bottle – 25 ml	05
11.	Ostwald viscometer	10
12.	Laboratory SS Mechanical Stop Watch	05
13.	Glass Thermometer 0-100 °C	05
14.	Glass Thermometer 0-360 °C	05
15.	Calorimeter with stirrer, wooden box	02
16.	Melting Point Apparatus (Digital)	02
17.	Magnifying Glass	02
18.	Sintered Glass Crucible (G3)	05
19.	Modern Periodic Table Chart (Large Size)	02
20.	Water bath apparatus – 6 Holes	01

B. List of Chemicals:

Sr. No.	Chemicals	Quantity
1.	2,4- Dinitrophenyl hydrazine	100 g
2.	Acetic Acid	2 x 2.5 lit
3.	Acetic anhydride	2 x2.5L; 2x500 mL
4.	Acetone	2 x 500 ml
5.	Acetyl Acetone	2 x 100 mL
6.	Activated Charcoal	1 kg
7.	Aluminium Chloride	500 g
8.	Ammonium hydroxide	2 x 500mL
9.	Aniline	2 x 500 ml
10.	Benzene	2 x 500 ml
11.	Benzoic Acid	2 x 500 g
12.	Benzoyl Chloride	2 x 500 g
13.	Benzyl Chloride	2 x 500 g
14.	Calcium Chloride	2 x 500 g
15.	Calcium Chloride (Fused)	2 x 500 g
16.	Carbon tetrachloride	2 x500ml
17.	Chloroform	2 x500ml
18.	Chromic Acid	2 x 1 kg
19.	Copper foil	1 Pack
20.	Cu-turnings	1 x 500 g
21.	Dimethyl Glyoxime	2 x 250 g
22.	EDTA [Disodium EDTA-salt, Na ₂ H ₂ EDTA.2H ₂ O]	2 x 250 g
23.	Eriochrome Black-T	1 x 100 g
24.	Ethanol	2 x 500 ml
25.	Ferric Chloride	500 gm
26.	Hydrogen Peroxide	2 x 500 ml
27.	Iodine	4 x 100 g
28.	Iron Sulphide stick	2 x 500 g
29.	Isopropanol	2 x 500 mL

30.	Litmus paper [Blue & Red]	10 pack each
31.	Magnesium Sulphate	2 x 500 g
32.	m-dinitrobenzene	1 x 500 g
33.	Methyl Orange	1 x 250 g
34.	Nitric Acid	2 x 500 ml
35.	P-Bromo Aniline	1 x 500 ml
36.	Petroleum Jelly White	1 x 500 g
37.	Phenolphthalein	1 x 100 g
38.	Phenyl Hydrazine	2 x 250 ml
39.	Phthalic anhydride	2 x 500 g
40.	p-Nitro aniline	1 x 500 ml
41.	Potassium dichromate	2 x 500 g
42.	Potassium permanganate	2 x 500 g
43.	Potassium Hydroxide	2 x 500 g
44.	Pyridine	500 g
45.	Resorcinol	1 x 250 ml
46.	Salicylic acid	2 x 500 g
47.	Schiff's reagent	1 x 500 g
48.	Sodium bisulphite	2 x 500 g
49.	Sodium Chloride	2 x 500 g
50.	Sodium metal	2 x 500 g
51.	Sodium Potassium Tartrate	2 x 500 g
52.	Sodium Thiosulphate	2 x 500 g
53.	Starch powder	2 x 250 g
54.	Succinic Anhydride	2 x 500 g
55.	Zinc dust	2 x 250 g

For
CBCS
UG Sem I & II
Physics course

- 1) Setup for Conservation of Linear Momentum using curved track apparatus.
- 2) Complete setup to Determine Young's Modulus of Elasticity by Flexure of Beam
- 3) Setup for Elastic constant of material of wire by Searle's method.
- 4) Surface Tension setup by Capillary method.
- 5) Setup to determine co-efficient of viscosity of liquid by Stokes method.
- 6) Setup to determine frequency of Tuning Forks using Sonometer and Melde's apparatus.
- 7) Setup to determine frequency of A.C. Mair's wire sonometer & electromagnet.
- 8) Setup to determine speed of sound in various materials with Kundt's tube / Quincke's tube / Resonance column apparatus.
- 9) Setup to determine speed of Ultrasonic waves in liquid.
- 10) Setup to determine torsional const. using Torsional Pendulum.

S. N. S. R.



भूगोल विभाग
जगजीवन महाविद्यालय, गया (बिहार)



(मगध विश्वविद्यालय, बोधगया की एक अंगीकृत ईकाई)

E-mail - jagjwanmahavidyalaya@gmail.com

Website - www.jagjwancollege.org

Phone & Fax - 0831 - 2250029

पत्रांक.....

दिनांक.....

Dept. of Geography

List of Instruments.

1. Digital theodolite with stand - 2P.
2. Digital Pump Level with stand - 2P.
3. Digital Prismatic compass with stand - 4P.
4. Plane table with stand - 4P.
5. Leveling staff - 2P.
6. Mirror stereoscope - 2P.
7. Spirit level Engineer's - 4P.
8. Clinometers - 4P.
9. Stander Time Indicator - 4P.
10. Tracing Table - 4P.
11. Pantograph - 4P.
12. Relief Map of world - 2P.
13. Physical Map of world - 2P.
14. Relief Map of India - 2P.
15. Physical Map of India - 2P.
16. Altimeter - 4P.
17. Rail route Map of India - 2P.
18. Relief map of Bihar - 4P.
19. Physical map of Bihar - 4P.
20. Sun path app. - 2P.
21. Geographical map chart - 4P.
- 22

[Signature]
28-2-24

List of Psychological Scale & Testing

1. Wechsler Intelligence Scale for Children-IV → 5 set
2. Wechsler Adult Intelligence Scale → 5 set
3. Differential Aptitude Test → 1 set
4. Achievement Scale → 1 set
5. Interest Test → 1 set
6. Myers - Briggs Type Indicator → 1 set
7. Cattell's 16 PF Questionnaire → 1 set
8. Rorschach Test → 5 set
9. Thematic Apperception Test → 5 set
10. Emotional Intelligence Test → 1 set
11. Well-being Scale → 1 set
12. Playing card → 10 pair
13. Maze learning board → 5 set
14. NEO - Personality Inventory - 3 → 1 set
15. Children's Apperception Test → 5 set
16. Rosenzweig Picture Frustration Study → 1 set
17. Attitude Measurement Scale → 1 set
18. Social Behaviour Measurement Scale → 1 set
19. Social Competence Measurement Scale → 1 set
20. Self-Concept Scale → 1 set
21. self-esteem Scale → 1 set
22. Prejudice Measurement Scale → 1 set

Answer
01/09/23

महाराष्ट्र विद्यापीठ
कोल्हापूर