



OFFICE OF THE PRINCIPAL
BARKHETRI COLLEGE

NARAYANPUR, MUKALMUA

Dist- Nalbari: Assam- 781126

NAAC Accredited with 'B' Grade

Bhaskar Kalita, MSc, B.Ed, M.Phil, PhD
Principal cum Secretary

Website: www.barkhetricollege.ac.in

Email: barkhetricollege@yahoo.in

Ref No. *BCNM/Tender/Notice/2372/2024*

Date: 12.11.2024

NOTICE TENDER

As per the resolution no. 3, 4 and 5 of the Expert Committee Meeting held on 12/11/2024 **sealed quotations** are invited affixing **Court fee Stamp Rs. 8.25** (non – refundable) from intending registered firms / vendors for supply the following items to Barkhetri College, Narayanpur, Mukalmua, Nalbari by the undersigned.

The sealed quotations should reach the office of the Principal on or before 19th November, 2024.

Detail list of items and conditions must be cited in the quotations.

Sd/

[Handwritten Signature] 12/11/24

Principal cum Secretary

Barkhetri College, Narayanpur

Mukalmua, Nalbari

Principal / Secretary
Barkhetri College
Narayanpur, Mukalmua
Dist- Nalbari

List of laboratory requirements
Department of Botany
Barkhetri College, Mukalmua

Sl. No.	Items	Quantity
1	trinocular Microscope	1
2	haemocytometer	1
3	Autoclave	1
4	pH meter	1
5	water bath	1
6	Chromatographic chamber	1
7	Wooden Meter scale	1
8	Ninhydrin sprayer	1
9	cork borer	1
10	Whatman No1 Filter Paper	
11	Hot air oven	1
12	Brush for washing	
13	Hair drier	1
14	handgloves	
Specimen for practical		
1	Ulothrix	
2	chara	
3	Oedogonium	
4	Fucus	
5	Sargassum	
6	Riccia	
7	Marchantia	
8	Anthoceros	
9	Sphagnum	
10	Funaria	
11	Batrachospermum	
12	Volvox	
13	polysiphonia	
14	ectocarpus	
15	Polytrichum	
16	Lycopodium	
17	Selaginela	
18	Cycas	
19	Rhizopus	
20	Aspergillus	
21	Penicillium	
22	Peziza	
23	Puccinia	
24	Alterbaria	
25	Fusarium	
26	Colletotricum	
27	Phytophthora	

28	Mucor	
29	Ascobolus	
30	Nostoc	
	Chemicals	
1	Amino acid kit	1
2	Buchner funnel	3
3	Separating funnel	6
4	Petroleum ether	1000ml
5	Methanol	1000ml
6	Methanoic KOH	1000ml
7	Bausch and lomb spectronic 20	1
8	Acetone	1000ml
9	Anhydrous Na ₂ HPO ₄	500gm
10	KIO ₃	200gm
11	Cupric Sulphate	500gm
12	Anhydrous Na ₂ SO ₄	500gm
13	KIO ₃ 200gm	200gm
14	KI	500ml
15	Starch Powder	500gm
16	Na ₂ S ₂ O ₃ .5H ₂ O	500gm
17	Ba(OH) ₂	500gm
18	ZnSO ₄	500gm
19	Ninhydrin	200gm
20	Pyridine	200gm
21	Butanol	1000ml
22	Glacial Acetic Acid	1000ml
23	Isopropanol	500ml
24	Folin Ciocalteu reagent	500ml
25	Bovine serum albumin	200gm
26	Citric acid	500ml
27	disodium hydrogen phosphate	500gm
28	gram staining kit	
29	NA media	
30	PDA media	
31	Extrant	
32	Acetic anhydride	
33	Gelatin powder flakes	
34	Glycerine	
35	Phenol crystal	
36	Paraffin wax	
37	buffert tablet (acidic & basic)	

Mr. Nayan Pathak
Head, Department of Botany
Barkhetri College, Mukalmua

**LABORATORY REQUIREMENTS DEPARTMENT OF CHEMISTRY
BARKHETRI COLLEGE, NARAYANPUR, MUKALMUA**

SLNO.	Items	Quantity
1	Thermometer (for melting point apparatus)	4
2	Sodium oxalate	500gm
3	Copper sulphate Pentahydrate	500gm
4	Potassium chloride	500gm
5	Desktop	1
6	Printer	1
7	Sodium carbonate	500gm
8	Sodium hydroxide	500gm
9	Ferrous sulphate	500gm
10	Potassium dichromate	500gm
11	Ammonium dichromate	500gm
12	Mohr's salt	500gm
13	diphenylamine	1 bottle
14	Methylacetate Indicator	1 bottle
15	Phenolphthalein Indicator	1 bottle
16	Phenol	
17	Salicylic acid	500gm
18	Beta-naphthol	500gm
19	Benzophenone	500gm
20	Aniline	500 mL
21	2,4-dinitrophenylhydrazine reagent	500 gm
22	Ferric chloride	500 gm
23	Potassium iodide	500 gm
24	Sodium thiosulphate	500gm
25	Starch	500gm
26	Potassium thiocyanate	500gm
27	Iodine	200 gm
28	Disodium salt of EDTA	500gm
29	Zinc sulphate monohydrate	500gm
30	Ammonium chloride	500gm
31	Eriochrome black T indicator	1
32	IR spectrophotometer	1
33	Sucrose	500gm
34	Benedict reagent	
35	Ferric sulphate	500gm
36	Aluminium sulphate	500gm
37	Concentrated ammonia	500mL
38	8-hydroxyquinoline	100 gm
39	Buffer capsules (pH=4,7 and 9)	One bottle of each pH

40	TLC chambers	5
41	Dimethylglyoxime, DMG	500 gm
42	Ethylenediamine	500 mL
43	Patton and Reeders indicator	1
44	Zinc sulphate	500gm
45	Potassium hydroxide	500gm
46	Formaldehyde	500 mL
47	Glycine	500 gm
48	Formalin solution	500 Ml
49	Sodiumhydroxide	500gm
50	Mortar and pestle	4(SMALLSIZE)
51	Resorcinol	500 gm
52	ISI marked GAS pipes	
53	Exhaust fan	2
54	Silicagel G	500 gm
55	Glass plates for TLC	
56	Extran soap solution	5L
57	Test Tube brush	5
58	Gloves	50
59	Laboratory mask	10
60	Ninhydrin	200 gm
61	Decicator	2
62	Separating funnel	5 NOs. of 100 mL
63	Oil bath (BOROSIL)	10 nos.
64	Buchner funnel	5
65	Wire gauze	20
66	Spatula small size	5
67	Schlenk	2
68	ICT Projector	1
69	Condenser (with connecting pipes)	10 (25 mL)
70	Round bottom flask (50 mL and 100 mL)	5 Each

Dr. Barnali Deka
HOD, Chemistry
Barkhetri College
Narayanpur, Mukalmua

॥ কাৰ্য্যালয় ॥
অংক বিভাগ, বৰক্ষেত্ৰী মহাবিদ্যালয়, মুকালমুৰা
জিলা— নলবাৰী : অসম।
পিন— ৭৮১১২৬

প্ৰসঙ্গ—

দিনাংক.....

To,

The Principal,
Barkhetri College, Narayanpur, Mukalmua

Sub: Request for purchasing atleast three computers sets with routers & two additional monitors for Mat Lab of Mathematics Dept.

Date: 12 / 11/2024

Respected Sir,

With reference to the subject cited above, I have the honour to state that we have two computers in the MATH LAB of mathematics Dept. These two computers are not functioning for a few days due to damage of Monitors for which we have been suffering problems for conducting the Practical Exams.

Therefore, I request you kindly to purchase the following materials for smoothly conducting the practical Exams.

1. Three numbers of computer sets with routers: core i5, 13th gen, 8 GB DDR5, 512 GB SSD
2. Two additional monitors 22"

This is for favour of your kind consideration and favorable necessary steps.

Thanking you

Yours faithfully

Dr. Mokshed Ali

(Dr Mokshed Ali)

HOD, Mathematics Dept.

Dr Mokshed Ali (H O D)

Asst. Prof Dept of Maths,

Barkhetri College.



DEPARTMENT OF PHYSICS

BARKHETRI COLLEGE, NARAYANPUR
MUKALMUA, NALBARI, ASSAM
PIN – 781126
Email: physicsbcm2023@gmail.com



পদার্থ বিজ্ঞান বিভাগ
বৰ্ষেক্ত্ৰী মহাবিদ্যালয়, নাৰায়ণপুৰ
মুকালমুৱা, নলবাৰী, অসম
পিন - ৭৮১১২৬

Ref no: PHY/BCNM/2024/12

Date: 12.11.2024

To
The Principal
Barkhetri College
Narayanpur, Mukalmua

Subject: Details of laboratory equipment required

Respected Sir,

With reference to the letter (Ref: BCNM/Lab. Equipments/2362) dated 10.11.2024, I am hereby submitting the list of practicals that is utmost important to conduct the practical examinations for the students of 1st and 3rd semester. The department of physics doesn't have any 5th semester student this year.

BSc 1 st semester	
1.	To determine the moment of inertia of a cylinder about two different axes of symmetry by torsional oscillation method.
2.	To determine the value of g using Kater's pendulum.
BSc 3 rd semester	
1.	To determine refractive index of the Material of a prism using sodium source
2.	To determine wavelength of sodium light using Fresnel Biprism
3.	To determine wavelength of sodium light using Newton's Rings
4.	To determine the thickness of a thin paper by measuring the width of the interference fringes produced by a wedge-shaped Film.

This is for your kind information and necessary action.

Thanking you

With regards

Dr. Abhijit Boruah
Head, Department of Physics
Barkhetri College

LABORATORY REQUIREMENTS
DEPARTMENT OF ZOOLOGY
BARKHETRI COLLEGE, NARAYANPUR, MUKALMUA

SLNO.	Items	Quantity
1	ACETO-ORCEIN	100 ml
2	ABSOLUTE ALCOHOL	500 ml
3	pH METER	1 No.
4	BINOCULAR	2 Nos.

Dipika Doloi
HOD, Zoology
Barkhetri College
Narayanpur, Mukalmua