

TALCHER (AUTONOMOUS) COLLEGE, TALCHER

Accredited by NAAC with 'B'+ Grade

PO- TALCHER TOWN, DIST- ANGUL (O), PIN-759107 // PH-06760-240293, FAX-240293
Web site : www.tac.ac.in // e mail: talchercollege15@gmail.com // talcher_college@yahoo.co.in

No-

TAC/800

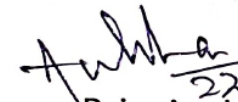
Date-22/4/24

QUOTATION CALL NOTICE

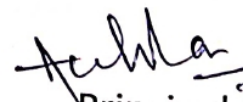
Sealed quotations are invited from different firms having GST Number to purchase chemicals, apparatus, equipments of physics, Chemistry, Botany, Zoology, Geology & Anthropology departments as per list enclosed .

Department wise Quotation sealed separately in one envelope must reach to the undersigned by Regd. Post/Speed post on or before 29.04.2024 positively. The articles should be provided to the institution as per the specification mentioned in the order and should be in good quality . The authority reserves the right to reject the quotation without assigning any reason there of .

The quotation received after the due date will not be entertained .


22/4/2024
Principal
PRINCIPAL
Talcher Autonomous College
TALCHER

Memo No. TAC/810 Dt. 22/4/24
Copy to General Notice Board/Account Section/Sri B.P Panda, Lect in
Comp.Sc.& Prof in charge College Website (www.tac.ac.in) to upload
the above notice for wide circulation.


22/4/2024
Principal
PRINCIPAL
Talcher Autonomous College
TALCHER

LIST OF EQUIPMENTS REQUIRED FOR PHYSICS DEPARTMENT

TALCHER (AUTO) COLLEGE, TALCHER (+2 STREAM) 2024-25

Sl.No.	Name of Instruments	Brand/Make	Rate per unit quantity
1	Digital Voltmeter	INDOSAW	1 NO
2	Digital Ammeter	INDOSAW	1 NO
3	Battery Eliminator	INDOSAW	1 NO
4	P-N junction Diode	INDOSAW	1 NO
5	Ohm's law apparatus	INDOSAW	1 NO.
6	Meter bridge	INDOSAW	1 NO
7	Resistance box	INDOSAW	1 NO
8	Jaw keys	INDOSAW	1 NO
9	Travelling microscope	INDOSAW	1 NO
10	Galvanometer	INDOSAW	1 NO
11	Tuning fork set	SUPERIOR QUALITY	1 NO
12	Zener Diode characteristics	INDOSAW	1 NO
13	Glass prism	SUPERIOR QUALITY	1 NO
14	Screw gauge	SUPERIOR QUALITY	1 NO.
15	BJT-(Transistor)	INDOSAW	1 NO

[Signature]
15/3/24
HOD, PHYSICS
TALCHER (AUTO) COLLEGE
TALCHER

[Signature]
15.03.24
H.O.D. HOD, PHYSICS
TALCHER (AUTO) COLLEGE
PHYSICS TALCHER

LIST OF EQUIPMENTS REQUIRED FOR PHYSICS DEPARTMENT

TALCHER (AUTO) COLLEGE, TALCHER (+3 STREAM) 2024-25

Sl.No.	Name of Instruments	Brand/Make	Rate per unit quantity
1	Digital Storage Oscilloscope	INDOSAW	1 NO
2	Digital Voltmeter	INDOSAW	1 NO
3	Digital Ammeter	INDOSAW	1 NO.
4	Digital multi meter having frequency measurement	INDOSAW	1 NO
5	To study the response curve of LCR circuit	INDOSAW	1 NO.
6	To determine wavelength of sodium light using Newton's Rings	INDOSAW	1 NO
7	To study the frequency response of voltage gain of a RC-coupled transistor and amplifier.	INDOSAW	1 NO
8	To design a phase shift oscillator of given specifications using BJT.	INDOSAW	1 NO
9	To design and study OP Amp-IC (741/351) as inverting and non-inverting Amplifier.	INDOSAW	1 NO
10	TO determine the value of e/m by (a) Magnetic focusing (b) Bar magnet.	INDOSAW	1 NO.
11	To setup the Millikan oil drop apparatus and determine the charge of an electron.	INDOSAW	1 NO
12	To measure the resistivity and band gap of a given semi-conductor by four-probe method.	INDOSAW	1 NO
13	To determine the Boltzmann constant using V-I characteristics of PN junction diode.	INDOSAW	1 NO
14	To determine wave length and velocity of ultrasonic wave in liquid.	INDOSAW	1 NO

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HOD, PHYSICS
TALCHER (AUTO) COLLEGE, TALCHER

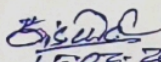
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HOD, PHYSICS
TALCHER (AUTO) COLLEGE, TALCHER

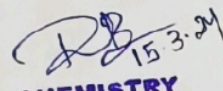
DEPARTMENT OF CHEMISTRY
TALCHER AUTONOMOUS COLLEGE, TALCHER

LIST OF CHEMICALS

Sl No	Name of the Chemicals	Make/Brand	Unit per rate
01	Aluminium Sulphate	Merck/CDH/NICE	500gm
02	Ammonium Thiocyanate	--do--	500gm
03	Ammonium Hydroxide	--do--	2.5ltr
04	Ammonium Ferrous Sulphate	--do--	500gm
05	Acetone	--do--	500ml
06	Aluminium Chloride	--do--	500gm
07	Acetic Anhydride	--do--	500gm
08	Acetamide	--do--	500gm
09	Acetic acid(Glacial)	--do--	500ml
10	α - naphthal	--do--	500ml
11	Acetanilide	--do--	500ml
12	Ammonium Chloride	--do--	500gm
13	Ammonium Carbonate	--do--	500gm
14	Ammonium Ferrous Nitrate	--do--	500gm
15	Ammonium Ferrous Sulphate	--do--	500gm
16	Aniline	--do--	500ml
17	Ammonium Bisulphite	--do--	250gm
18	Ammonium Molybdate	--do--	100gm
19	Barium Sulphate	--do--	500gm
20	Benzoic Acid	--do--	500gm
21	Benzyl Chloride	--do--	500ml
22	Barium Chloride (Anhydrous)	--do--	500gm
23	Barium Nitrate	--do--	500gm
24	Cinnamic Acid	--do--	250gm
25	Copper Sulphate	--do--	500gm
26	Cyclohexene	--do--	500ml
27	Carbon Disulphide	--do--	500ml
28	Calcium Fluoride	--do--	500gm
29	Copper Carbonate	--do--	500gm
30	Methyl Orange(Indicator)	--do--	125ml

31	Nessler's reagent	--do--	100ml
32	Ortho Nitro Phenol	--do--	500gm
33	Oxalic Acid	--do--	500gm
34	Potassium Iodide	--do--	250gm
35	Potassium Bromide	--do--	500gm
36	Potassium Nitrate	--do--	500gm
37	Potassium Sulphate	--do--	500gm
38	Phthalic Acid	--do--	500gm
39	Phenolphthalin(Indicator)	--do--	125ml
40	Phenol	--do--	500gm
41	Sodium Carbonate	--do--	500gm
42	Sodium Sulphite	--do--	500gm
43	Strontium Chloride	--do--	500gm
44	Sodium Nitrite	--do--	500gm
45	Sodium Metal	--do--	500gm
46	Sodium Thiosulphate	--do--	500gm
47	Starch	--do--	500gm
48	Sodalime	--do--	500gm
49	Silver Nitrate	--do--	25gm
50	Universal Indicator	--do--	500ml
51	Zinc dust	--do--	500gm
52	Zinc Sulphate	--do--	500gm


 15-03-2024
Store Keeper
 Department of Chemistry
 TALCHER COLLEGE

for 
H.O.D. CHEMISTRY
 Talcher College
 Talcher

**DEPARTMENT OF CHEMISTRY
TALCHER AUTONOMOUS COLLEGE, TALCHER
LIST OF APPARATUS**

Sl No	Name of the Appartus	Make/Specification	Unit per rate
01	Beaker 100ml	Borocilicate	1nos.
02	Basin 100ml	Porcelain	1nos.
03	Bunsen Burner with stop cock	S.S.	1nos.
04	Burette 50cc	H.D. Polythene	1nos.
05	Buchner Funnel	Standard Quality	1nos.
06	Conical Flask 250ml	Borocilicate	1nos.
07	Measuring flask 250cc with stop	Standard Glass	1nos.
08	Measuring flask 100cc with stop	Standard Glass	1nos.
09	Mortar with pestle 150ml	Porcelain	1 set
10	Pipette 10cc	Borocilicate	1nos.
11	Pipette 20cc	Borocilicate	1nos.
12	Pipette 25cc	Borocilicate	1nos.
13	Reagent Bottle 125cc with stop	Standard Glass	1nos.
14	Reagent Bottle 250cc with stop	Standard Glass	1nos.
15	Spatula	Horn	1nos.
16	Test tube 5"/8 X 6"	Standard Glass	1 gross
17	Triangular file (lab use)	Standard Quality	1pkt

Signature
15.03.2024
Store Keeper
Department of Chemistry
TALCHER COLLEGE

Signature
15.03.2024
H.O.D. CHEMISTRY
Talcher College
Talcher

Department Botany

A Apparatus and Chemicals

Name of the item	Make/Brand	Rate Per unit
Compound microscope	Biocraft	01
Mortar and Pestle set	Biocraft	01
Wilmott's Bubbler	Borosil	01
Chart Stand	Biocraft / any make	01
Stem Cutter	Biocraft	01
Petroleum ether	MERCK	500ml
Acetone	MERCK	500ml
Blotting paper	Biocraft	01
Glycerine	MERCK	500ml
2,3,5 - triPhenyl tetrazolium Chloride (TTC)	MERCK	500ml
Methanol	MERCK	500ml
Formaline	MERCK	500ml
Crystal violet	MERCK	500ml

Suresh Kumar Banora
 20.03.21
 HOD Botany



DEPARTMENT OF BOTANY

TALCHER AUTONOMOUS COLLEGE, TALCHER

P.O. - TALCHER, Dist. - ANGUL

ODISHA, PIN - 759107



No. -

Date : 20.03.24

B. Permanent Slide & Chart

SL. NO	Name of the item	Make / Brand	Rate Per unit
1.	Lycopodium (L.S of Strobilus)	BioCratt brand	01
2.	Moss (Archegonium)		01
3.	Fern (Leaf Sori)		01
4.	Rhizopus		01
5.	Nostoc		01
6.	Cycas Male Cone		01
7.	Psilotum (T.S of Syngonium)		01
8.	Diatom		01
9.	Pollinia		01
10.	Types of ovule (chart)	BioCratt	01

Suresh Kumar Berena
20.03.24

HOD Botany

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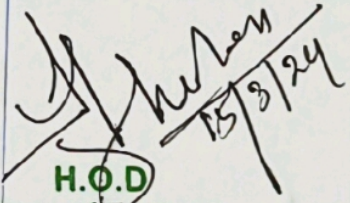
List of apparatus (Museum specimens)

Sl No	Name of items	Make / Specification	REMARK
01	Museum Specimen.	BIOCRAFT	Rate per each Specimen.
01	CORALLUM	"	"
02	ALCYONIUM	"	"
03	FUNGRA	"	"
04	MADREPORA	"	"
05	CTENOPHORE	"	"
06	SERPULA	"	"
07	TACHYPTERUS	"	"
08	DAPHNIA	"	"
09	HELIX	"	"
10	OSTREA	"	"
11	PINCTADA	"	"
12	NAUTILUS	"	"
13	CLYPEASTER	"	"
14	CHIMAERA	"	"
15	MYSTUS	"	"
16	HETEROPNEUSTES	"	"
17	ANGUILLA	"	"
18	NECTURUS	"	"
19	SALAMANDER	"	"
20	OPHIOSAURUS	"	"
21	MAMMALIA	"	"
22	SOREX	"	"
23	LORIS	"	"
24	HERPESTES	"	"
25	ERINACEOUS	"	"
26	ARCHAEOPTERYX (Model)	"	"
27	DUCK	"	"
28	CROW	"	"
29	PIGEON	"	"
30	PARROT	"	"

Cont:-

LIST OF CHEMICALS / SLIDE

SL NO	Name of Items	MAKE / SPECIFICATION	REMARK
	<u>CHEMICALS</u>		
01.	BLOOD GROUP KIT	MERK	Rate per set.
02.	RECTIFIED SPIRIT	MERK.	Rate per 1 litre
	<u>PERMANENT SLIDES</u>		
01.	HISTOLOGY	BLODRAFT	Rate per piece
02.	EMBROLOGY	"	"
03.	CYTOLOGY	"	"
04.	ENDOCRINOLOGY	"	"


 H.O.D.
 Dept. of Zoology
 Talcher (Auto.) College

DEPARTMENT OF GEOLOGY
TALCHER AUTONOMOUS COLLEGE, TALCHER.

List of Laboratory Equipments/Specimens
to be purchased for the Session 2023-24.

Sl. No.	Name of the Equipments/ (Specimen)	Make	Rate per Unit Quantity	
01.	Geomorphic model (for River/Wind/ Glacier/Underground- water)	Bharat	01 No	
02.	Moh's Hardness Box		01 No.	
03.	Streak plate		01 No	

Ranjit K. Sahoo
21/03/2024

H.O.D. GEOLOGY
Talcher College, Talcher

Department of Anthropology,
Talcher College, Talcher

Principal Sir,

As per your Letter No TAC/484 dt 14.03.2024 I am submitting the lists of chemicals and equipments for running of Practical classes.

Sl No	Name of chemicals & equipments	Rate per unit
1-	Anti Sero Pack - 4 reads	-
2.	Fingerprint Ink - 6 nos	-
3.	Graphite Powder with Zinc Oxide - 100 gm 7 colours each	-
4.	Surgical spirit	- 1 lt
5.	Cotton Swab	- 2 kg
6.	Disposable Needle	- 500 nos
7.	Glass Slide for Blood Test	- 200 pcs
8.	Hand Sanitizer	- 1 lt
9.	Hand Glove (Medicated)	- 1 PK
10.	PTC Test Powder	- 100 gm
11.	Shellac Crystal	- 1 kg
12.	Acetone	- 2 lt
13.	Benzene	- 500 gm
14.	Petrol	- 2 lt
15.	Paraffin Wax	- 2 kg
16.	Turpentine	- 4 lt
17.	Glass bottle for PTC Test 400ml	- 14 nos
18.	B.P Instrument	- 1 set
19.	Glass Slab 2' x 1.5'	- 6 pcs
20.	Roller for Fingerprint	- 3 nos
21.	Sliding Caliper	- 3 nos
22.	Spreading Caliper	- 3 nos
23.	Mandibulometer	- 1 nos
24.	Horizontal Needle	- 3 nos
25.	Magnifying Glass	- 6 nos
26.	Anthropometer	- 2 nos
27.	Cranicophore	- 1 nos
28.	Digital Weighing Machine	- 2 nos

HOD Anthropology
Talcher College