



ସରକାରୀ ସ୍ୱୟଂଶାସିତ ମହାବିଦ୍ୟାଳୟ, ରାଉରକେଲା  
ପୋ.ଅ.- ପାନପୋଷ, ଜି.- ସୁନ୍ଦରଗଡ଼, ଓଡ଼ିଶା - ୭୬୯୦୦୪, ରୂରକେଲା- ୦୬୬୧-୨୬୬୪୫୮୬  
GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA  
AT/PO-PANPOSH, ROURKELA-769004, DIST-SUNDARGARH, ODISHA, INDIA  
TELE/FAX- 0661-2664586 Email- [principalgacr@gmail.com](mailto:principalgacr@gmail.com) Website- <http://www.gacrkl.ac.in>

No 580 /GACR

Dt. 14 /02/2023

### SHORT TENDER

The Principal, Govt. Autonomous College, Rourkela, Odisha invites Short Tender for supply of Laboratory Equipment/ Items for various departments of the college. The intending Firms/ Supplier having good track record may submit their quotations or bids to the undersigned as per the scheduled date and time given below. Further, the parties may contact/ visit the office and college website <http://www.gacrkl.ac.in>

The undersigned reserves right to accept or reject any proposal/ bid without assigning any reason thereof.

### ELIGIBILITY, TERMS AND CONDITIONS

1. The Firms/ Supplier must have valid GST/ Service Tax Registration/ PAN with Proven track record for supply of good and services.
2. The bidder prepare two separate bid one is technical and other is financial bid both in formats at Annexure I and II respectively.
3. All the pages of the bid documents both Technical and Financial are to be signed by the bidder or authorized representative on behalf of the bidder along with seal of the firm with date.
4. In the financial bid department wise quotation must be submitted separately and also mention in the top of envelop.
5. The Supply must be completed within 15 days from the date of issue of order.
6. For any delay for supply of materials, the Firms/ Supplier will be held responsible.
7. The bid must be submitted by hand to the undersigned on or before the last date and time mentioned below. (N.B. Due to shortage of time the Postal & Courier service will not be accepted)
8. The quantity mentioned in the list of equipment may be increased or decreased upon the availability of funds.

### TIME LINE:

Last date of submission of Tender - 22.02.2023 at 4:00 PM  
Date of opening of the Tender documents - 23.02.2023 at 3:00 PM

### ADDRESS: -

The Principal  
Government Autonomous College, Rourkela

Memo. No. 581 /GACR, Dt. 14 /02/2023

Copy to Notice Board (College/ Spl. Treasury, Panposh, Rourkela/ Sub Collector, Panposh, Rourkela/ ITDA, Panposh)/ College Website/ Administrative Bursar/ Head Clerk for information and necessary action.

Principal  
PRINCIPAL  
Govt. Autonomous College  
Rourkela

Principal  
PRINCIPAL  
Govt. Autonomous College  
Rourkela

Memo. No. 582/GACR, Dt. 14/02/2023

Copy to the Editor, The Samaj with a request to publish the item given below in their daily newspaper on 15.02.2023 for wide circulation in Odisha circle (size 9 cm x 6 cm)

**GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA**

**SHORT TENDER**

Short Tender for supply of Laboratory Equipment for various departments of the college. For details see College website- [www.gacrkl.ac.in](http://www.gacrkl.ac.in)

**Last date: 22.02.2023**

**Sd/-  
Principal**

  
Principal

**PRINCIPAL  
Govt. Autonomous College  
Rourkela**

Memo. No. 583/GACR, Dt. 14/02/2023

Copy to the Editor, The Times of India with a request to publish the item given below in their daily newspaper on 15.02.2023 for wide circulation in Odisha circle (size 9 cm x 6 cm)


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**Sd/-  
Principal**

  
Principal

**PRINCIPAL  
Govt. Autonomous College  
Rourkela**

**Annexure-I**  
**(Technical Bid)**

1. Name of the firm/ Agency

Address:

2. Name and designation of the office bearers

3. Registration Details (Copy to be enclosed)

(GST/ Service Tax Registration/ PAN)

4. Make and model with detailed specification on Bar code printer, Scanner and other accessories to be needed.

**Annexure- II**  
**(Financial Bid)**

**Department:** \_\_\_\_\_

<b>Sl. No</b>	<b>Lab. Equipment/ Items</b>	<b>Specification</b>	<b>Unit Price</b>	<b>GST</b>	<b>Total</b>
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**Declaration**

1. I/We have read the above terms and conditions carefully and these are acceptable to me/us. The Proforma giving details of equipment, premises and a copy of declaration relating to registration of the press is submitted herewith as required under this tender. Our rates are also given in the enclosed Proforma.

2. I/We hereby declare that our firm/company/concern is registered for the above work. We are in the business of above work, which can be verified from our office record. We have all technical infrastructure and technical staff etc. for smooth and effective execution of above work. We have not been black listed by any Government (Central & State) Board/ University/ Colleges/ Public Undertakings/ Banks/ R.B.I. etc.

Name of Tenderer \_\_\_\_\_

Address \_\_\_\_\_

Signature of Tenderer

With seal & Date.



**OFFICE OF THE PRINCIPAL**  
**GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA.769004**

No. 571 /GACR

Dt. 13 /02/2023

**OFFICE ORDER**

By WhatsApp

The following amounts is hereby allocated (inclusive GST) to various departments for purchase of Laboratory Equipment/ Items as per the staff council resolution dt. 11.02.2023. They are requested to submit the list of Lab. Equipment/ Items by 14.02.2023.

Departments	Amount (In Rs. ) + Including GST
Physics	500000
Chemistry	500000
Zoology	500000
Botany	500000
Mathematics	200000
Statistics	200000
Computer Science	1500000
Psychology	300000
Education	300000
Geography	500000
Geology	500000
Home Science	300000
Library & Info. Sc.	500000
Bio-Technology	200000
<b>Total</b>	<b>6500000</b>



Principal

Memo. No. 572 /GACR, Dt. 13 /02/2023

Copy to all HODs & Dept. OICs/ Emp. Asso. WhatsApp Gr./ Staff Common Room/ Accounts Section/ Head Clerk/ Principal's file for information and necessary action.



Principal

Equipment List (Department of PHYSICS)

SL. NO.	NAME OF EQUIPMENT	NO. OF UNITS
1	Network theorem Apparatus	2
2	Dielectric Constant Apparatus	1
3	Prism	6
4	Digital Balance	1
5	Digital Slide Callipers	4
6	Digital Spring Balance	5
7	Digital Ammeter	10
8	Digital Voltmeter	10
9	Biprism	2
10	e/m Thomson's Apparatus	1
11	Hysteresis Loop Tracer	1
12	Polarization Experiment Apparatus	1
13	Milikan Oil Drop Experiment	1
14	Fabry Perot Interferometer	1
15	UJT Apparatus	2
16	FeCl <sub>3</sub>	1 litre
17	Mercury	1kg
18	SCR Apparatus	2
19	DIAC & TRIAC Apparatus	2
20	FET Apparatus	2
21	MOSFET Apparatus	2
22	Frequency Modulation - Transmitter and Receiver	2
23	Kirchoff's Law Apparatus	2
24	Amplitude Modulation - Transmitter and Receiver	1
25	Hall Apparatus	1
26	High pass, low pass and band pass filter	5
27	Everready Heavyduty Battery	30
28	Plier Set	1
29	Screw Driver Set	3
30	Soldering Iron	5

*Mohanta*  
14.02.23

For any query may contact, HOD - 8249475186

**DEPARTMENT OF CHEMISTRY**  
**GOVT.AUTO. COLLEGE ROURKELA**  
**LAB EQUIPMENTS**

SL.No	NAME OF EQUIPMENTS	QUANTITY
1)	Burette 50cc straight Borosil "A" class	70
2)	Specific gravity bottle 50 ml	12
3)	SpectroPhoto meter 118 systoric	01
4)	Potentiometer	03
5)	Hot air oven	01
6)	Magnetic stirrer	01
7)	Digital weighing machine	01
8)	Suction pump	01
9)	Thermostat 0 <sup>0</sup> C to 300 <sup>0</sup> c	02
10)	Complete set Thin layer paper Chromatography	02
11)	Complete set Column Chromatography	02
12)	Ion exchange apparatus	01
13)	Colorimeter	01
14)	Glass ring Stirrer	02
15)	Complete set for steam distillation	01
16)	Complete set for ascending paper Chromatography	01
17)	Complete set for decending paper Chromatography	01
18)	Thermo meter 360 <sup>0</sup> c german	16
19)	Microburette	16
20)	Electrode for Potentiometer	04
21)	Inverter with battery for lab	06
22)	Pasteur pipette (Borosil)	02
23)	Asperator 1000 ml with inter change stopper JSGW cat no,571	02
24)	Iodine flask	05
25)	Boiling tube 100 ml	16
26)	Deam stark apparatus with stop cork capacity of receiver 10 ml with R.B flask J.SGW cat no 465	02
27)	Electrode for PH meter cat 454	02
28)	Steam bath Complete set	02
29)	Cathetometer	01
30)	Double capillary U tube with a whole at the junction	08
31)	Cuvet 5ml	10
32)	Electrode for cell constant	08
33)	Calomel electrode	05
34)	Hydrogen electrode	08
35)	Standard Weston cell JSGW cat	04
36)	Wire gauge with asbestos centre stain less steel	50
37)	Stopper bottle for 250 ml and 150 ml	200

*Susmita Samal*  
HOD CHEMISTRY  
Govt. (Auto) College,  
Rourkela

For any query may contact, HOD – 9437858072



**P.G.DEPARTMENT OF ZOOLOGY  
GOVERNMENT AUTONOMOUS COLLEGE , ROURKELA**

**NAME OF THE INSTRUMENT : WORK STATION**

**NUMBER OF UNIT : 01**

**SYSTEM SPECIFICATION :**

- Processor:
  - Intel® Xeon Silver 4210R Processor (2.40 GHz up to 3.20 GHz)
- Operating System:
  - DOS/Ubuntu (Free Version)
- Motherboard:
  - P920 MB Intel Purley Dual CPU
- RAM (At least 128 GB):
  - Quantity 4 x 32 GB RDIMM DDR4 2933MHz ECC
- Graphic Card:
  - NVIDIA RTX™ A2000 12GB GDDR6
- Hard Drive:
  - 1 TB SSD (PCIe TLC Opal) + 2 TB HDD
- Memory Card Reader:
  - Multimedia Card Reader
- Ethernet Adapter:
  - 2 x Integrated Ethernet Port
- WiFi:
  - Intel 8265 2x2AC + Bluetooth Version vPro
- Audio Card:
  - Integrated Audio
- Mechanical Keyboard and Mouse:
  - Wired
- Power Cord:
  - LineCord - India
- Power Supply:
  - Tower 92% Power 1400W
- Monitor:
  - 27"
- UPS:
  - 5KVA
- BATTERY: 4 X 150AH

**NAME OF THE INSTRUMENT : DOUBLE DISTILLATION UNIT ( 01 NOs)**

**NAME OF THE INSTRUMENT : GLUCOMETER ( 03 NOs)**

**NAME OF THE INSTRUMENT : HAEMOGLOBINOMETER ( 02 NOs)**

**NAME OF THE INSTRUMENT : OMRON BLOOD PRESSURE MONITOR ( 02 NOs)**



Sameer Saurava Prusty

HOD

For any query may contact, HOD – 9467912672

PG DEPARTMENT OF  
ZOOLOGY , GACR

GOVT AUTONOMOUS COLLEGE ROURKELA

PG DEPARTMENT OF BOTANY

LAB EQUIPMENTS LIST

1. Vertical gel Electrophoresis
2. Chlorophyll content meter (CL-01)
3. PH Meter
4. Water distillation unit
5. Micrometry
6. Digital Microscope
7. Digital weigh Balance (in mg, (0.001))
8. Chromatography Paper( WHATSMAN)
9. Handy PEA

CHEMICAL LIST

1. Crystal violet
2. Benedict's Reagent
3. Barford's Reagent
4. Copper Sulphate solution
5. Millon's Reagent
6. Methylene Blue solution
7. Diphenylamine Reagent
8. PH Paper (ALL )
9. Sodium Potassium Tartarate
10. Standard BSA ( Bovine Serum Albumin)
11. Pottasium Iodide solution
12. Petroleum ether (40 :60)
13. Feulgen stain
14. Hydrogen Peroxide
15. Acetocaramine
16. Glycerine
17. Ascorbic acid
18. Fehling 's solution B
19. Glacial Acetic acid
20. Ethyl alcohol
21. Sodium Dichromate
22. Bromophenol Blue
23. Ninhydrin 's solution
24. Orcinol Reagent
25. Hydrochloric acid
26. Sodium thiosulphate

*Lichita Palui*  
(H.O.D Botany)

27. Saffranine solution
28. Tetrazolium solution
29. Gelatin
30. Catechol Solution
31. Pepsin
32. Sodium Dodecyl Sulphate
33. Ammonium Nitrate
34. Pottassium Nitrate
35. Hydrated Magnesium Sulphate
36. Zinc Sulphate
37. Sodium Bicarbonate
38. Nicotinic Acid
39. Sodium hydroxide
40. Potassium nitrate
41. Potassium dichromate solution
42. Acid fast Green solution

### SLIDES AND MATERIALS

1. Slides of Algae ( vegetative and Reproductive)
  - a. Polysiphonia
  - b. Ectocarpus
  - c. Vaucheria
  - d. Batrachospermum
  - e. Chara
  - f. Volvox
  - g. Chlamydomonas
  - h. Nostoc
  - i. Fucus
  
2. Slides of Fungi ( Vegetative and Reproductive )

*Spalw*

- a. Rhizopus
- b. Penicillium
- c. Aspergillus
- d. Neurospora
- e. Peziza
- f. Mucor
- g. Agaricus
- h. Saprolegnia

**3. Slides of Bryophyte ( Vegetative and Reproductive)**

- a. Riccia
- b. Marchantia
- c. Anthoceros
- d. Funaria
- e. Jungermaniales

**4. Slides of Pteridophytes ( Vegetative and Reproductive)**

- a. Psilotum
- b. Selaginella
- c. Lycopodium
- d. Marsilea
- e. Equisetum
- f. Pteris

**5. Slides of Gymnosperms ( vegetative and Reproductive)**

- a. Cycas
- b. Pinus
- c. Gnetum
- d. Ginkgo

**6. Fossil slides**

- a. Rhynia
- b. Calamitis
- c. Lepidodendron
- d. Lyginopteris
- e. Cycadeoidea
- f. Wliaamsonnia

7. Slides of RAM and SAM

8. Slides of Xylem ( Fibre , tracheids, vesells, sieve tubes )

9. Slides of Phloem ( companion cells , fibres , sieve tubes )

10. Class work materials ( algae , Fungi , Bryophyte , pteridophyte , Gymnosperm)

11. Tissue slides ( Parenchyma , collenchyma , sclerenchyma)

12. Wood ( heart and Sap)

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**CHARTS AND MODELS OF SPECIES WITH LIFE CYCLE**

**1. Charts of Algae**

- a. Polysiphonia
- b. Ectocarpus
- c. Vaucheria

*Spalini*

- d. Batrachospermum
- e. Chara
- f. Volvox
- g. Chlamydomonas
- h. Nostoc
- i. Fucus

## 2. Charts of Fungi

- a. Rhizopus
- b. Penicillium
- c. Aspergillus
- d. Neurospora
- e. Peziza
- f. Mucor
- g. Agaricus
- h. Saprolegnia

## 3. Charts of Bryophyte

- a. Riccia
- b. Marchantia
- c. Anthoceros
- d. Funaria
- e. Jungermaniales

## 4. Charts of Pteridophytes

- a. Psilotum
- b. Selaginella
- c. Lycopodium
- d. Marsilea
- e. Equisetum
- f. Pteris

## 5. Charts Gymnosperms

- a. Cycas
- b. Pinus
- c. Gnetum
- d. Ginkgo

- 6. Virus model
- 7. Bacteria model
- 8. Karotype Chart / Model
- 9. T.S of Anther slide
- 10. T.S of Ovules ( orthotropous , Anatropous , Campylotropous, circinotropous)
- 11. Crassinucellate slide
- 12. Endothelium slide
- 13. Obturator slide

For any query may contact, HOD – 9438554751

*Spalew*  
13/2/23  
(Dr. Lichitz Spalew)  
H.O.D, Botany.

# Govt. Autonomous College, ROURKELA

## PG DEPARTMENT OF MATHEMATICS AND STATISTICS

S.L	Name of the equipment	Quantity
1	<i>MATLAB 1</i>	02
2	<i>Curve fitting Toolbox</i>	02
3	<i>Optimization Toolbox</i>	02
4	<i>Partial Differential Toolbox</i>	02
5	<i>Statistics and Machine Learning Toolbox</i>	02
6	<i>Symbolic Math Toolbox</i>	02
7	<i>SPSS Software</i>	01



HOD of MATHEMATICS



HOD of STATISTICS

For any query may contact, HOD - 9777226421-(math)  
7008177891-(Stat)

# Government Autonomous College, Rourkela

## Equipments for Common Computer LAB

Sl. No	Name of the Equipment	Specification	Quantity
1	Desktop Computer	Core- i5 / 8 GB RAM / 1 TB HDD/ 22" LED Monitor/ Wi-Fi/ USB Key Board & Mouse/ Windows 11/ 3 Years Warranty	22 Nos.
2	UPS	650 VA.	22 Nos.
3	Desktop Table	Wooden Desktop Table (D 30 X W 60 X H 76 )	22 Nos.
4	Computer Chair	4 Legged (iron) with soft Sitting Surface & Back-rest	22 Nos.
5	AC (Split)	2 TON A.C. / Rating : 3 Star	02 Nos.
6	Stabilizer	AC Stabilizer / 5 KVA	02 Nos.

(HOD)


Dept. of Comp. Sc.

For any query may contact, HOD – 9439946660

P.G. DEPARTMENT OF PSYCHOLOGY

GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

SL NO.	Name of the Equipment	Specification	Quantity
1.	Desktop with UPS	Windows 11 Home Intel core i5 HDD capacity 1 TB RAM 8 GB DDR4 21.5 inch Display SSD capacity 256 GB UPS- 650 VA	4
2.	Laptop	15.6 inch Full HD, Intel core 5i SSD capacity- 512GB RAM-8 GB RAM type- DDR4	1
3.	Multi-function color printer	Wifi, USB Inkjet multi- function All in one inkjet printer	1
4.	Wooden Table screen	12x12 inch	30
5.	Calculator	Basic calculator Powered by solar and battery	5
6.	Mouse	Wired Interface: USB 3.0, USB2.0	1
7.	Cartridge	12A	2
8.	Xerox Paper	A4 Size	5pkd
9.	Thematic Apperception Test Manual (Psychological Test) by L.P. Mehrotra		1
10.	DSLR Camera	18 MP Sensory type- CMOS 35x Video Resolution- 1920x1080	1

  
H.O.D 13.2.23

HoD  
P.G. Department of Psychology  
Govt. Auto. College, Rourkela

For any query may contact, HOD – 7008544003



**P.G DEPARYTMENT OF EDUCATION**

**GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA-769004**

Sl no.	Name of the equipment	Specification	Quantity
1.	DSLR Camera	(21.4 MP)	01
2.	Desktop with UPS	Core-i5/8 GB RAM/ 1 TB HDD/22" LED Monitor/Wi-fi/ USB key board & Mouse/ Windows 11/3 years warranty UPS 650 VA.	01
3	Podium	Drak brown wooden Podium/Lectern (SD-PODIUM)	01
4	Printer cum scanner	Multi function laser printer ,USB ,Wifi,Colour print	01
5	SPSS Software		01
6	Headband with microphone	Wireless with wired connected microphone	01
7	Table for Desktop	Wooden Desktop Table (D 30 x W 60 x H 76)	01
8	Moving chair	Teak (sagun) Depth-66.04 cm,Width-53.34 cm,Height- 121.92 cm	01

*B. S. S.*

HOD,Education

For any query may contact, HOD – 8895210991

Department of Geography

List of Items.

Sl. No.	Name of the Items	
1	World Map	01 Nos.
2	India Map	01 Nos.
3	Globe	01 Nos.
4	Trestling Table	01 Nos
5	Trestling Paper	10 Nos
6	Large compass	01 Nos
7	Theodolites	01 Nos
8	Contour / Relief Map	01 Nos
9	Toposheet	10 Nos
10	Scale (Large)	01 Nos
11	Scientific Calculator	05 Nos
12	Pencil	05 Nos
13	Setsquare	05 Nos
14	Protractor	05 Nos
15	Compass	05 Nos
16	Isomers Detachable T-square	05 Nos
17	Divider	05 Nos
18	Graph Paper	100 Nos
19	Carbon Paper	100 Nos.
20	Diagonal scale	05 Nos
21	R.F. scale	05 Nos
22	Scissors, Eraser, Pencil cutter	01 Nos each
23	Measuring tap	01 Nos
24	Thermometer (Large for Lab)	01 Nos
25	Wind vane	01 Nos
26	Rain gauge	01 Nos
27	Hygrometer	01 Nos
28	Anemometer	01 Nos
29	Barometer	01 Nos
30	Projector	01 Nos
31	Drone (Mini)	01 Nos
32	GPS	01 Nos



For any query may contact, HOD – 9438471450

# GOVERNMENT AUTONOMOUS COLLEGE, ROURKELA

## DEPARTMENT OF GEOLOGY

### LAB EQUIPMENT LIST FOR GEOLOGY PRACTICAL

#### B.Sc. Geology (Hons.)&GE

Sl. No.	Specifications	Quantity
1	Globe	2
2	World Map	2
3	World map with plate boundaries, earthquake, volcanoes	2 no from each
4	Geomorphic models of River, wind, glacier, underground water and ocean	2 no from each
5	Topographic map Geological map, charts	20
6	Aerial photographs	10
7	Stereoscopes	5
8	Mohr's hardness scale	5
9	Streak plate	20
10	Crystal model of 7 crystallographic classes	2 no from each
11	Pocket lens	10
12	Nix or Olympus Petrological microscope with resolution 4x , 10x,20x	4
13	Megascopic minerals and slides of minerals: Quartz, Biotite, Muscovite, Calcite, Dolomite, Talc, Gypsum, Anhydrite, Fluorite, Feldspar (Orthoclase, Microcline, Plagioclase), Beryl, Tourmaline, Corundum, Andalusite, Kyanite, Staurolite, Sillimanite, Serpentine, Garnet, Agate, Amphibole, Hornblende, Anatase, Apatite, Aragonite, Augite, Enstatite, Hypersthene, Diopside, Barite, Chlorite, Diamond, Epidote, Halite, Magnesite, Monazite, Olivine, Rutile, Sanidine, Sphene, Topaz, Zircon, Asbestos, Baryte	1 from each
14	Megascopic Igneous rocks and slides of : Granite, Basalt, Rhyolite, Obsidian, Dolerite, Syenite, Gabbro, Pegmatite, Dunite, Diorite, Peridotite, Carbonatite, Anorthosite, Kimberlite	1 from each
15	Megascopic Sedimentary rocks and slides of: Sandstone, Shale, Limestone, Conglomerate, Breccia	1 from each
16	Megascopic Metamorphic rocks and slides of: Gneiss, Schist, Quartzite, Marble, Slate, Phyllite, Khondalite, Charnockite, Eclogite	1 from each
17	Megascopic identification of plant fossil, Gondwana flora, Trilobita, Brachiopoda, Pelecypoda, Cephalopoda, Gastropoda, Echinoidea, Coral, Graptolite, Siwalik fauna	1 from each

18	Geological Hammer	10
19	Brunton compass	10
20	Clinometer compass	10
21	Knife	10
22	Magnet	10
23	Hand Lens	15
24	Acid Drop Bottle	2
25	GPS instrument	2
26	Wooden rulers & Protractor	10
27	Megascopic specimens of: Fe, Mn, Al, Cr, Cu, Pb, Zn, Coal, Graphite	1 from each
28	Megascopic identification of building stones viz sandstone limestone, marble, slate, dolomite	1 from each

**M.Sc. Geology**

29	Weswox Ore microscope	2
	Specifications: Weswox transmitted Polarizing Microscope with analyzer 4X 10 X and extra wide Field 10 X ( paired) FOV 20 mm	
30	Slide of microscopic specimens of ores of: Fe, Mn, Al, Cr, Cu, Pb, Zn, Coal, Graphite	1 from each
31	Desktop with printer	1

*XPS Misphra*

## List of equipments for Department of Home Science

1. Gas stove and cylinder
2. Prestige induction cook top V3 2,000 Watt
3. Doctor trust (USA) modern electronic digital LCD precision kitchen food accurate weight machine
4. Bajaj food processor 600 Watt
5. Sandwich maker Havells 2000 watt 4 slices toaster
6. Samsung microwave oven MC28M6036CC
7. Samsung fridge single door
8. Utensils
  - i. Stainless steel dekchi-4 lit
  - ii. Non-stick kadai with lead 2 liter capacity
  - iii. Futuna induction bottom non-stick flat tawa and fry pan
  - iv. Hawkins pressure cooker 1.5 litre
  - v. Stainless steel suspan 1 lit capacity
9. Cutlery
  - I. Non-stick kitchen cooking and serving spoon, whisk , spatula set
  - II. Stainless steel spoon (12) fork ( 12)
  - III. Plastic measuring spoons set
  - IV. Tea strainer-4
  - V. Soup strainer-4
  - VI. Spider strainer-4
  - VII. Knife set-6
  - VIII. Potato peeler
10. Serving plate full size set of 6 and half plate size set of 6
11. Serving bowls large- 6 and small -6
12. Vigneto gold rosen dinner set- 2 set
13. Water glass set
14. juice glasses set of 6 Italian primium
15. Tea cup plate set -brosil
16. Custard cup set of 6 (Kelexx custard cup)
17. Roller pin
18. Idli maker- stainless (pigeon)
19. Appam maker (pigeon)
20. Chopping board wooden -4
21. Thermometer -1
22. Blood pressure measuring machine (sphygmomanometer)-1
23. Microscope
24. Weight machine-1
25. Measuring tap-1
26. First aid box-1

*Ch. Mayan*  
13/2/28  
HOD Home Science

27. Wooden block for printing -4 no. of different designs

28. Stencil for painting clothes -4 no. of different designs

29. Physiology chart

- I. Respiratory chart
- II. Endocrine chart
- III. Renal physiology chart
- IV. Reproductive physiology chart both male and female

*Anayou*  
13/2/28  
HOD Home Science

For any query may contact, HOD - 9437117149

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

LAB EQUIPMENT LIST

SL.NO	EQUIPMENT NAME	QUANTITY
1	DESKTOP COMPUTER-Monitor, CPU, UPS 650VA.(HP). Core-i5/ 8GB RAM/1 TB SSD OR HDD. WINDOWS 11/3 YEAR WARRANTY.	4 NOS.
2	MOUSE (HP) USB	4
3	KEYBOARD (HP) USB	4
4	KOHA SOFTWARE INSTALATION	
5	DDC PRACTICAL BOOKS (4 VOLUME)	2
6	CC PRACTICAL BOOK	10
7	COMPUTER TABLE AND CHAIR (WOODEN DESKTOP TABLE)	4
8	PROJECTOR WITH SCREEN (HP) FULL HD.1920*1080 PIXEL.	1
8	PRINTER (HP)MULTI FUNCTION MONOCROME LASER PRINTER.	1
	TOTAL	

*Am*  
13/02/23

For any query may contact, HOD – 8895862082


## DEPARTMENT OF BIOTECHNOLOGY

### LAB EQUIPMENT LIST

1. Laminar flow chamber
2. Haemocytometer
3. Compound microscope ( Electrical)
4. Weighing Balance( in mg and gm)
5. Mortar and pestle
6. Cavity Box
7. Spectrophotometer
8. Colorimeter
9. Fridge. Single Door

### CHEMICAL LIST

1. KH<sub>2</sub>PO<sub>4</sub>
2. Hydrated magnesium sulphate
3. Agar-Agar powder
4. NAA (Naphthalene acetic acid)
5. 2,4-D ( 2,4- Dichlorophenoxy acetic acid)
6. H<sub>3</sub>BO<sub>3</sub>
7. FeSO<sub>4</sub>
8. EDTA ( Ethylene dibromide trichloro acetic acid solution)
9. Calcium chloride
10. Pepsin
11. Calf thymus DNA
12. RNA sample
13. Acrylamide
14. Sodium dodecyl sulphate

  
13/2/23  
( HOD , DEPARTMENT OF BIOTECHNOLOGY)