

Education College

PO Basantapur, Dt Murshidabad, WB

List of equipment in the Information Communication Technology Lab

Sl No	Name of Instrument	Quantity
1.	Monitor	25
2.	C P U	25
3.	Key Board	25
4.	Mouse	25
5.	U P S	25
6.	Chair	30
7.	Internet Connection	Connected with all Computer

Physical Education Resource Centre (Essential Items)

Sl. No.	Event	Details Equipments	Quantity
1.	Table Tennis	1. Bat 2. Ball 3. Net 4. Table	1. 6 Pieces 2. 5 Pieces 3. 2 Pieces 4. 1 Pieces
2.	Carom	1. Board 2. Gutter	1. 2 Pieces 2. 3 sets
3.	Chinese Checker	1. Chinese Checker	1. 3 pieces
4.	Chess	1. Chess Board 2. Chess Gutter	1. 3 pieces 2. 3 pieces
5.	Medicine Ball	1. Medicine Ball	1. 1 pieces
6.	Relaxation Ball	1. Relaxation Ball	1. 1 pieces
7.	Weight Machine	1. Weight Machine	1. 2 pieces
8.	Height Measuring Stand	1. Height Measuring Stand	1. 1 pieces
9.	Wooden Dumbbell	1. Wooden Dumbbell	1. 75 Pairs
10.	Gymnasium	1. Gymnasium Machine 2. Dumbbell 3. Barbell 4. Bench Press 5. Pounds i. 10 ii. 7.5 iii. 5 iv. 2.5 v. 1.5 vi. 1 6. Dumbbell Pound	1. 1 pieces 2. 3 pieces 3. 3 pieces 4. 2 pieces 5. i. 4 pieces ii. 4 pieces iii. 14 pieces iv. 8 pieces v. 4 pieces vi. 6 pieces 6.

		i. 30 ii. 25 iii. 10 iv. 8 v. 5	i. 4 pieces ii. 4 pieces iii. 2 pieces iv. 2 pieces v. 2 pieces
11.	Cycle	Cycle	1. 1 pieces

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List of Overhead Projector/ Notice Boards/Black Boards

Sl No	Name of Instrument	Quantity
1.	Overhead Projector	1
2.	Notice Boards	4
3.	Black Boards	24
4.	LCD Projector	1

MATHEMATICS RESOURCE TAB

Materials:-

1. Solid hemispgere
2. Wooden sticks of various length
3. Wooden shapes quadrilaterals, trapezium, and parallelogram.
4. Unit cubes
5. Squares papers
6. Graph sheets of paper
7. Coloured papers
8. White sheets of paper
9. Fevicol tubes
10. Sketch pen (12 pcs)
11. Colour Markers (4 pcs)
12. A pare of scissor
13. Tharmocols
14. Tharmocols cutter

Storage facilities and furniture:-

1. Almirah one pcs
2. Graph board
3. Black board
4. Different tools
5. Scale, protector, triangular shape, campus

Different types charts of:-

1. 3D raised relief plastic charts for primary level
2. 3D raised relief plastic charts for Secondary level

Different types of teaching learning materials:-

- 1 Type of quadrilateral
- 2 Some of three angle of a triangle is 180^0
- 3 Exterior angle of a triangle is equal to sum of opposite two angles
- 4 Sum of two opposite angles of a cyclic quadrilaterals is 180^0
- 5 Proving algebraic formula $(a+b)^3$
- 6 There are different types of TLM except above.

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List of equipment in the Language Lab

We provide

1. Up gradation of fluency.
2. Correct pronunciation.
3. Group discussion.
4. Seminar.
5. Using headphones for receiving message and microphones for delivering message and we provide accuracy of language.

Instruments

Sl No	Name of Instrument	Quantity
1.	Microphones	17
2.	Head Phones	17
3.	Computer Set	18
i)	Monitor, ii) Mouse, iii) CPU, iv) Key Board, v) UPS.	
4.	8'' woofer box	04
5.	Computer box	02
6.	Home theater complete set	01
7.	Audio System Deck	01
8.	Head phone mixture	02
9.	Amplifier mixture	01
10.	L C D Projector	01
11	Table	18
12	Chairs	18
13	Round Dais Table	01

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List of Laboratories

1. Psychology Lab,
2. Geography Lab,
3. Educational Technology & Media Lab,
4. Computer Lab for learning languages
5. Information Communication Technology Lab
6. Physical Science Lab (Physics & Chemistry)
7. Life Science Lab.
8. Language Lab
9. Work Education Lab

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List of equipment in Sc Lab (Ph Sc- Physics)

Sl No	Name of Instrument	Quantity
1	Spring Balance	4 Pc
2	Weigh Box	4 Pc
3	Meter Bridge	3 Pc
4	P O Box	2 Pc
5	Galvanometer	3 Pc
6	Multi meter	2 Pc
7	SP Gravity Bottle	4 Pc
8	Optical Bench (SS)	2 Pc
9	Resonance Air Column Apparatus	1 Pc
10	Tuning Fork	1 Packet
11	Glass Slab	6 P c
12	Drawing Board	6 Pc
13	Screw Gauge	2 Pc
14	Slide Calipers	2 Pc
15	Power Supply (0 to 5 V Continuous)	2 Pc
16	Rheostat	2 Pc
17	Resistance Box (0 to infinity Ohm)	2 Pc
18	Resistance (10 & 20 Ohm)	2 Pc
19	Simple Pendulum	4 Set
20	Stop Clock	2 Set
21	Meter Scale	2 Set
22	Pressure Co-efficient	1 Set
23	Volt meter	4 Pac
24	Copper Volt meter	2 Set

25	Mile Volt meter	2 Set
26	Connecting wire	20 Mt
27	Meter Bridge	1 Set
28	Resistance Box	1 Pc
29	Rheostat (5 Amp) Big	1 Set
30	Triode full Set-up	1 Set
31	Coaxer Slip	2 Box
32	N P N Trans caster	10 Pc
33	Microbe	2 Set.

List of equipment in Physical Sc Lab (Chemistry).

Sl No	Particulars of instruments & experimental materials	Quantity
1	Test Tube 5x5x8 (N.G)	4 Box
2	Test Tube holder	12 Pc
3	Test Tube Stand (Wooden)	12 Pc
4	Beaker 50 ML (Borosil)	12 Pc
5	Beaker 100 ML (Tuff)	10 Pc
6	Beaker 100 ML (Borosil)	2 Pc
7	Beaker 250 ML (Tuff)	8 Pc
8	Beaker 500 ML (Tuff)	7 Pc
9	Flat Bottom Flask 500 ML (Tuff)	7 Pc
10	Round Bottom Flask 500 ML (Tuff)	12 Pc
11	Funnel 3"	12 Pc
12	Funnel 4"	6 Pc
13	Conical Flask 250 ML (Tuff)	5 Pc
14	Conical Flask 250 ML (Borosil)	7 Pc
15	Conical Flask 500 ML(Tuff)	5 Pc
16	Conical Flask 500 ML(Borosil)	6 Pc
17	Test Tube(Brash)	12 Pc
18	Burette Stand (Iron)	7 Pc
19	Burette Clump (Brush)	12 Pc
20	Wolf Bottle 250 ML	10 Pc
21	Gas Jar with Lid	6 Pc
22	Spirit Lamp (S.S)	12 Pc
23	Kipp's apparatus	2 Set
24	Blow Pipe	12 Pc
25	Wire Gauge with Asbestos	12 Pc
26	Weight box	1 Box

27	Measuring Cylinder (Borosil)100 ML	2 Pc
28	Measuring Cylinder (Tuffl)250 ML	1 Pc
29	Measuring Cylinder (Borosil)250 ML	1 Pc
30	Measuring Cylinder (Tuffl)500 ML	2 Pc
31	Measuring Cylinder (Tuffl)1000 ML	1 Pc
32	Volumetric Flask 250 ML	6 Pc
33	Volumetric Flask 1000 ML	2 Pc
34	Volumetric Flask 100 ML	6 Pc
35	Pipette Volumetric 25 ML	6 Pc
36	Pipette Volumetric 50 ML	6 Pc
37	Burette 50 ML (Borosil)	8 Pc
38	Watch Glass	12 Pc
39	Sodium Carbonate (E/M)	1 Kg
40	Sodium Sulphide (E/M)	500 Gm
41	Ferrous Sulphate(E/M)	1 Kg
42	Potassium Iodide (E/M)	250 Mg
43	Starch Soluble (E/M)	500 Gm
44	Potassium Dichromate	500 Gm
45	Sodium Nitrate	500 Gm
46	Sodium Sulphate E/M	500 Gm
47	Sodium Nitrate	100 Gm
48	Barium Chloride	500 Gm
49	Ammonium Carbonate (E/M)	500 Gm
50	Silver Nitrate E/M	25 Gm
51	Sodium Sulphide (E/M)	500 Gm
52	Iron (II) Sulphide (E/M)	500 Gm
53	Iron (III) chloride	500 Gm
54	Copper (II) Sulphate (E/M)	500 Gm
55	Zinc Sulphide (E/M)	500 Gm
56	Ammonium Chloride (E/M)	1000 Gm
57	Calcium Nitrate (E/M)	500 Gm
58	Calcium Chloride (E/M)	500 Gm
59	Borax (E/M)	100 Gm
60	Cobalt Nitrate (E/M)	500 Gm
61	Magnesium Sulfate (E/M)	500 Gm
62	Potassium Ferrocyanide (E/M)	500 Gm
63	Copper Nitrate (E/M)	500 Gm
64	Aluminium Chloride (E/M)	500 Gm
65	Ammonia Solution 25% pure	500 Gm
66	Potassium Thiocyanide (E/M)	500 Gm
67	Iron (I") Chloride (E/M)	500 Gm
68	Potassium Ferricyanide (E/M)	500 Gm
69	Reagent (BPH)	250 ML
70	Conical Flask	500 ML
71	Spatula	12 Pc

72	Burette (50ml)	12 Pc
73	Sodium Chloride	500 Gm
74	Spatulla (Horn)	12 Pc
75	Reagent Bottle 125ml	6 Pc
76	Reagent Bottle 100ml	6 Pc
77	Reagent Bottle 250ml	6 Pc
78	Reagent Bottle 500ml	6 Pc
79	Reagent Bottle 600ml	6 Pc
80	Conical Flask 500ml	1 Pc
81	Conical Flask 250ml	1 Pc
82	Burette Stand (Iron)	5 Pc
83	Conical Flask	500 ML
84	Conical Flask	250 ML
85	Conical Flask	100 ML
86	Measuring Cylinder	10 ML
87	Measuring Cylinder	50 ML
88	Measuring Cylinder	100 ML
89	Wash Bottle	600 ML
90	Distilled water (with jar)	4 Pc
91	Glass rod	
92	PH-Meter	
93	Cork (Rubber)	
94	Bunsen Burner	
95	Glass dropper (6"x8")	
96	Ammonium heptamolybdate	

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List of equipment in Life Sc Lab .

Apparatus

Sl. No.	Item	Quantity
1.	Dissecting Microscope	2
2.	Compound Microscope	4
3.	Needles	12
4.	Brush	6
5.	Class Slider	14 Boxes
6.	Cover Slips	15 Boxes
7.	Hand Lense	2
8.	Forceps	6
9.	Scissors	7
10.	Bikar	15
11.	Petridish	18
12.	Dropper	6
13.	Funnel	4
14.	Stethoscope	1

Chemicals

Sl. No.	Item	Quantity
1.	Gram's Safranin Solution	2
2.	Glycerol	1
3.	1% Iodine Solution	1
4.	Chloroform	1
5.	Ethyl Alcohol	1
6.	0.1% Sodium Chloride Solution	1
7.	Methylene blue stain	1
8.	Leishman's Solution	1
9.	D.P.X. Mountant	1
10.	Potassium Permanganate	1
11.	Distil Water	1 Lit.

Chart

Sl. No.	Item	Quantity
1.	Digestive System of Human being	1
2.	Respiratory System of human being	1
3.	Circulatory system of Human Being	1
4.	Excretory system of Human being	1
5.	Male and Female Reproductive system of Human being	1
6.	Muscular system of Human being	1
7.	Skeletal system of Human being	2
8.	Different types of organ and system of Human being	1
9.	Human Physiology	1
10.	Different parts of plants	1
11.	Different parts of Flowers	1

Model

Sl. No.	Item	Quantity
1.	Plant Cell	1
2.	Animal Cell	1
3.	Cell Division	4
	➤ Plant Mitosis	1
	➤ Plant Meiosis	1
	➤ Animal Mitosis	1
	➤ Animal Meiosis	1
4.	Parts of flower	1
5.	T.S of Monocot root	1
6.	T.S of Dicot stem	1
7.	T.S of Dicot leaf	2
8.	T.S of Monocot leaf	1
9.	1. Human Organs	7
	➤ Brain	2
	➤ Heart	2
	➤ Eye	1
	➤ Ear	2

Zoological specimen

Sl. No.	Item	Quantity
1	Phylum – Porifera • Sycon sp.	1
2	Phylum – Cnidaria • Obelia sp. • Aurelia sp. • Physalia sp. • Pennatula sp.	4
3	Phylum – Ctenophora • Beroe sp.	1
4	Phylum – Platyhelminthes • Fasciola sp. • Taenia sp.	2
5	Phylum – Nematelminthes • Ascaris sp.	1
6	Phylum – Annelida • Pheretima sp. • Nereis sp. • Aphrodite sp. • Hirudinaria sp.	4
7	Phylum – Arthropoda • Squilla sp. • Periplaneta sp. • Peripatus sp. • Scolopendra sp.	4

8	Phylum – Mollusca • Octopus sp. • Loligo sp. • Sepia sp. • Pila sp. • Aplysia sp. • Mytilus sp.	7
9	Phylum – Echinodermata • Asterias sp. • Cucumaria sp. • Brittle Star • Sea Urchin	4
	Phylum – Chordate • Scoliodon sp. • Torpedo sp. • Rhacophorus sp. • Salamandra sp. • Necturus sp. • Draco sp. • Cavia sp.	7

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List of equipment in the Educational Technology & Media Lab

Operating systems: Windows 9X, XP, 2000 Linux.

Languages: FORTRAN, COBOL, C, C++, JAVA

Packages: Microsoft visual studio (VB, VC++)

Microsoft office 2007 (MS-Word, MS-Excel, MS-power Point etc)

Microsoft developer 2k

DBMS-ORACLE

Multimedia: Adobe Photoshop, premier, page maker

Macromedia flash, director

Sound forge

Laboratory Equipments:

Sl No	Name of Instrument	Quantity
1	TV	1
2	LCD Projector	2
3	OHP	1
4	Monitor	04
5	C P U	04
6	Key Board	04
7	Mouse	04
8	U P S	04
9	Chair	10
10	Computer Table	04
11	Table	02

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List of equipment in the Geography Lab

Sl No	Name Instrument	Quantity	Remark
1	Computer set	1	
2	Prismatic compass set	4	
3	Hand compass	1	
4	General compass	1	
5	Barometer	1	
6	Dumpy Level sets	4	
7	Digital Camara	1	
8	General Map	1	
	a)World Bengali Version		
	b) World Political	1	
	c)World Physical	1	
	d)Asia	1	
	e)Asia Political	1	
	f)India Physical	1	
	e) Local Map. Dumkal subdivision, Dumkal Block(2) A Gola Panchayet	4	
9	Rock case	2	
10	World Globe	3	
11	Tracing Table	2	
12	Geographer Photoa)Buys Ballot	1	
	b)Alfred Hetner	1	
	c)William Morris Davis	1	
	d)Rabindranath Tagor	1	
	e)Erinst Heirich Hackel	1	

13	Thermometer	1	
14	Six's Maximum Minimum Thermometer	1	
15	Hygrometer	1	
16	Drawing Board	1	
17	T.Scale	1	
18	Drawing Board	1	
19	Fuji Color sets	1	
20	Scientific Calculator	1	
21	Rain fall measure set	1	
22	Topographical Map	5	
23	Seminar Library (Books)	33	

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List of equipment in the History Lab

Sl No	Name Instrument	Quantity	Remark
1	Chart	100	
2	Model	50	
3	Picture	50	
4	Almira	1	
5	Map	20	

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List of equipment in Psychology Lab.

Sl No	Particulars of instruments & experimental materials
1	Tweezer Dezeterity Board with pins
2	S Jalota, A Group Test of (Verbal) Intelligence (EGMAT)
3	Ao Imtisungba, Non- Verbal Group Intelligence Test (NVGIT)
4	S K Verma, D Pershad et al, The Revised Bhatia's Short Battery of Performance Test of Intelligence for Adults
5	S C Gakhar and Rajnish, Teaching Aptitude Test (TAT)
6	S K Bawa, Multiphasic Interest Inventory (MII)
7	Arun Kumar Singh and Asish Kumar Singh, Singh Differential Personality Inventory (SDPI)
8	Sing & Sharma, Teaching Aptitude Test Battery (TATB)
9	P Gavil, Programmed Instructoinal Material of Linear Programme on Active-Passive Voice (LPAPV)
10	P Gavil, Programmed Instructoinal Material of Branching Programme on Direct Indirect Speech (BPDIS)
11	Passi-Usha, Test of Creative Problem Solving (PUTCPS)
12	Dubey & Dubey, Sentence Completion Test
13	Mirror Drawing Stars Paper
14	Sir Cyril Burt, Proteous Maze Test
15	B.B Asthana, Short Term Memory (STM)
16	B.B. Asthana, Long Term Memory (TLM)
17	Retroactive Inhibition: Effect of Interpolated activates on previous learning
18	Bellak & Bellak, Children's Apperception Test (CAT)
19	Cattel Culture fear test
20	Kundu Personality Inventories
21	Educational & Psychological Chart 1. Model of Teaching 2. School of Psychology 3. Theories of Learning 4. Theories of Intelligence