GOVERNMENT OF MANIPUR DIRECTORATE OF UNIVERSITY & HIGHER EDUCATION

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ORDERS_

Imphal, the 24th May, 2024

DUHE-1/171/2023-DUHE-DU&HE: It is hereby informed to all the concerned that this office has made the allocation of the Equipment of Laboratory, for Botany, Chemistry Physics, Zoology, procured during the FY 2021-22 for strengthening of Laboratory in Colleges and for augmentation of Laboratory facilities to the following Colleges as listed in table below.

Sl. No.	Government Colleges & Govt. Aided
1	Manipur College, Imphal
2	Imphal College, Imphal
3	Waikhom Mani Girls' College, Thoubal
4	Biramangol College, Sawombung
5	Moirang College, Moirang
6	T.S.Paul College, Mongsangei
7	Shree Shree Gouragobind Girls' College, Khurai

The details list of Science equipments along with College wise allocation is enclosed an **Annexure-I.**

The **Science equipment** shall be distributed at the Directorate Office on **25.05.2024 at 10.00 a.m** and the concerned Principal shall furnish receipt of the same to this office upon delivery.

Signed by Rangitabali Waikhom Date: 24-05-2024 16:40:16

(**Dr. Rangitabali Waikhom**) Director of Univ. & Hr. Education,

Government of Manipur

Imphal ,the 24th May , 2024

Copy to :-

- 1. The PPs to Hon'ble Miniser (Education), Manipur.
- 2. The Commissioner (Hr. & Tech. Edn.), Govt, of Manipur.
- 3. The Concerned OSD. Directorate of Unv. & Hr. Edn.
- 4. The Principals Concerned.
- 5. Guard file.

MANIPUR COLLEGE

l. No.	Name of Equipment	Qnty.	Remark
1	Ammeter 3AMP EDM80	1	
2	Electronic Balance	1	
3	Bi-Prism (40x32mm)	1	
4	Bi-Prism (50x40mm)	1	
5	Chromotography coloum	1	
6	Coloum Chromatography	1	
7	Digital conductivity meter	1	
8	Digital PH Meter	1	
9	Dissecting microscope brass	1	
10	Galvanometer	1	
11	Ganong's respirometer	1	
12	Genongs photometer	1	
13	Heating mantal 500ml	1	
14	Laboratory Balance EAB 600	1	
15	Magnetic Stirrer 2 lit	1	
16	Newton law of cooling brass	1	
17	Optical bench	1	
18	Periodic table of the element long form	4	
19	Photocell Characteristic App with wooden	2	
20	Plank	1	
20	PN Junction diode	1	
21	Potentiometer 10 wire	1	
22	Quick Set dumpy level with alluminium stand	1	
23	R.C. Couple two stage app	1	
24	Resistance Box	1	
25	Sodium Vapour Lamp with power supply	1	
26	Sonometer brass	1	
27	SP Photometer	1	
28	Spectrometer	1	
29	Spectrum Tube (hydrogen)	1	
30	Student Microscope	1	
31	Tharmometer	3	
32	Incubator	1	
33	Homoginiser	1	
34	Water & soil analysis kit 6P	1	
35	Digital Spectrophptometer	41	

TOTAL

IMPHAL COLLEGE

Sl. No.	Name of Equipment	Qnty.	Remark
1	Ammeter 3AMP EDM80	1	
2	Bi-Prism (40x32mm)	1	
3	Bi-Prism (50x40mm)	1	
4	Centrifuge Machine 6 tube copper with	1	
	timer		
5	Digital conductivity meter	1	
6	Digital PH Meter	1	
7	Digital Spectrophotometer	1	
8	Dissecting microscope brass	1	
9	Former brotometer	1	
10	Heating mantal 500ml	1	
11	Heating mantle 1000ml SSU	1	
12	Heating Mantle100ml	1	
13	Hot air Oven	1	
14	Laboratory Balance EAB 600	1	
15	Magnetic Stirrer with hotplate	1	
16	Microscope	1	
17	Millikan's Oil Drop Appratus	1	
18	Optical bench	1	
19	Periodic table	2	
20	Photocell Characteristic App with	2	
	wooden Plank		
21	Potentiometer 10 wire	1	
22	R.C. Couple two stage app	1	
23	Sodium Vapour Lamp with power	1	
	supply		
24	Sonometer brass	1	
25	Spectrometer	1	
26	Spectrum Tube (hydrogen)	1	
27	Tharmometer	4	
28	Vortex Shaker	1	
29	Wave Rectifier	1	
30	Wilmot bubbler	1	
31	Autoclave	1	
32	Digital photo calorimeter	1	
33	incubator	1	
34	Digital photo colorimeter	1	
35	Digital PH Meter	1	

WAIKHOM MANI GIRLS COLLEGE

SI. No.	Name of Equipment	Qnty.	Remark
1	Ammeter 3AMP EDM80	1	
2	Bi-Prism (40x32mm)	1	
3	Bi-Prism (50x40mm)	1	
4	Boro Silicate Glass chromotography	1	
	coloum		
5	Centrifuge Machine 6 tube copper with	1	
	timer		
6	Coloum Chromatography	2	
7	Digital conductivity meter	1	
8	Digital PH Meter	1	
9	Former brotometer	1	
10	Galvanometer	1	
11	Ganong's respirometer	1	
12	Genongs photometer	1	
13	Haemocytometer	1	
14	Heating mantal 500ml	1	
15	Heating mantle 1000ml SSU	1	
16	Heating Mantle100ml	1	
17	Laboratory Balance EAB 600	1	
18	Magnetic Stirrer with hotplate	1	
19	Microscope	1	
20	Milikan's oil drop apparatus	1	
21	Optical bench	1	
22	Periodic table of the element long form	4	
23	Photocell Characteristic App with	1	
	wooden Plank		
24	Photocell Characteristic App with		
	wooden Plank	1	
25	PN Junction diode	1	
26	Potentiometer 10 wire	1	
27	R.C. Couple two stage app	1	
28	Sodium Vapour Lamp with power supply	1	
29	Spectrometer	1	
30	Spectrum Tube (hydrogen)	1	
31	Tharmometer	3	

BIRAMANGOL COLLEGE

SI. No.	Name of Equipment	Qnty.	Remark
1	Ammeter 3AMP EDM80	1	
2	Bi-Prism (40x32mm)	1	
3	Bi-Prism (50x40mm)	1	
4	Centrifuge Machine 6 tube copper	1	
5	Coloum Chromatography	1	
6	Cromotography	1	
7	Digital DO meter	1	
8	Digital PH Meter	1	
9	Digital Spectrophptometer	1	
10	Former brotometer	1	
11	Galvanometer	1	
12	Genongs photometer	1	
13	Heating mantal 500ml	1	
14	Laboratory Balance EAB 600	1	
15	Laser Distance meter	1	
16	Magnetic Copmass	1	
17	Magnetic Stirrer with hotplate	1	
18	Microscope	1	
19	Milikan's oil drop apparatus	1	
20	Periodic table of the element long form	2	
21	Plank Constant Apparatus	1	
22	Potentiometer 10 wire	1	
23	Quick Set dumpy level with alluminium	1	
	stand		
24	R.C. Couple two stage app	1	
25	Resistance Box	1	
26	Sodium Vapour Lamp with power supply	1	
27	Sonometer brass	1	
28	Spectrometer	1	
29	Spectrum Tube (hydrogen)	1	
30	Tharmometer	2	
31	Thomson experiment	1	
32	Water Bath 6 holes	1	
33	Wave Rectifier	1	
34	Leave area meter	1	
	TOTAL	36	

MOIRANG COLLEGE

. No.	Name of Equipment	Qnty.	Remark
1	Ammeter 3AMP EDM80	1	
2	Bi-Prism (40x32mm)	1	
3	Bi-Prism (50x40mm)	1	
4	Borosild Class	1	
5	Coloum Chromatography	1	
6	Degital conductivity meter	1	
7	Digital Spectrophptometer	1	
8	Former brotometer	1	
9	Galvanometer	1	
10	Heating mantle 1000ml SSU	1	
11	Heating Mantle 100ml	1	
12	Laboratory Balance EAB 600	2	
13	Magnetic Stirrer 2 lit	1	
14	Microscope	2	
15	Milikan's oil drop apparatus	1	
17	Newton law of cooling brass	1	
18	Optical bench	1	
19	Periodic table of the element long form	4	
20	Photo cell wooden	1	
21	Photocell Characteristic App with wooden		
	Plank	1	
22	PN Junction diode	1	
23	Potentiometer 10 wire	1	
24	Quick Set dumpy level with alluminium stand	1	
25	Resistance Box	1	
26	Sodium Vapour Lamp with power supply	1	
27	Sonometer brass	1	
28	specrophotometer	1	
29	Spectrometer	1	
30	Spectrum Tube (hydrogen)	1	
31	Stereo Microscope turret	1	
32	Tharmometer	5	
33	Water & Soil Analysis kit	1	
34	Water Bath 6 holes	1	
	water& soil analysis kit	1	
35			

T.S. PAUL COLLEGE

SI. No.	Name of Equipment	Qnty.	Remark
1	Anchor ring	2	
2	Bar magnate	2	
3	Chromotography coloum	1	
4	Hot plate	1	
5	Newton Law of cooling	2	
6	P.N. Junction diode	1	
7	PH meter	2	
8	Photocell Characteristic App with	1	
	wooden Plank		
9	Resistance box	1	
10	Sodium vapour lamp	2	
11	Wave Rectifier	1	
12	Wilmot bubbler	1	
13	Former brotometer	1	
14	Heating mantle 1000ml	1	
15	Digital TDS meter	1	
16	Centrifuge Machine 8 tube copper	1	
	with timer		
17	Galvanometer	1	
18	Newton ring Apparatus	1	
19	Tharmometer	3	
20	Periodic table	2	

SHREE SHREE GOURGOBIND GIRL'S COLLEGE

SI. No.	Name of Equipment	Qnty.	Remark
1	Sonometer brass	1	
3	Chromotography coloum Sintered disc	1	
	with class stop cock 10x500mm		
4	Coloum Chromatography	1	
5	Digital DO meter	1	
9	Former brotometer	1	
11	Genongs photometer	1	
12	Heating mantal 500ml	1	
13	Heating mantle 1000ml SSU	1	
14	Heating Mantle100ml	1	
15	Magnetic Copmass	1	
16	Magnetic Stirrer with hotplate	1	
17	Millikan's Oil Drop Appratus	1	
18	Newton law of cooling brass	1	
19	Optical bench	1	
20	Periodic table of the element long	2	
	form		
21	Photocell Characteristic App with	<u>2</u> 1	
22	Power Supply for Plank Constant		
23	R.C. Couple two stage app	1	
24	Resistance Box	1	
25	Tharmometer	4	
26	Thomson experiment	1	
27	Wave Rectifier	1	

TOTAL 27

1/67258/2024

GOVERNMENT OF MANIPUR DIRECTORATE OF UNIVERSITY & HIGHER EDUCATION

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ORDERS

Imphal, the 2nd September, 2024

It is hereby informed to all the concerned that allocation of Laboratory Equipment procured during the FY 2023-2024 for strengthening of Laboratory in Colleges is hereby made for the following Colleges as listed in table below:

Sl.	Government Colleges Group (A)	Sl. no.	Government Colleges Group (B)
1	Biramangol College	1	Imphal College
2	Thambal Marik College	2	Kakching Khunou College
3	Waikhom Mani Girls' College, Thoubal	3	Liberal College
4	Standard College	4	Modern college
5	Lilong Haoreibi College	5	Manipur College
6	M.B. College	6	Mayai Lambi College
7	N.G. College	7	Thoubal College
8	Pettigrew College	8	Presidency College, Motbung
		9	C.I. College

- 2. The detailed list of the Science equipments allocated to the colleges is enclosed at Annexure.
- 3. The distribution of the equipments for colleges under **Group (A)** will be made at the Directorate Office on **06.09.2024** at **10.00** a.m and on **10-09-2024** at **10.00** a.m for colleges under **Group (B)**
- 4. The Principals concerned shall furnish receipt of the same to this office upon delivery and shall make arrangement for carrying of the equipments from the Directorate.

Signed by Rangitabali Waikhom (Dr. Rangitabali Waikifom)

Director of Univ. & Hr. Education Government of Manipur

Copy to:

- 1. The PPs Hon'ble Minister (Education), Manipur
- 2. The Commissioner (Hr.& Tech. Edn.) Govt, of Manipur.
- 3. The Concerned OSD. Directorate of Unv. & Hr. Edn.
- 4. The Principals Concerned.
- 5. Guard file.

Biramangol College Specification for Lab. Equipment of Home Science

Sl. No.	Name of Equipment	Qnty.	Remark
1	Refrigerator, Double Door	1	
2	Gas Stove	1	
3	Baking Cup for Cake, Beard, Cookies, Pizza	1	
4	Dinner Set	1	
5	Electric oven	. 1	
6	Mixer Grinder	1	
7	Toaster	1	
8 -	Sweeing Machine	1	
9	Weighing Machine, 0.1GM, 30KG	1	
10	Microsope	1	
11	Wooden And Plastic Frame for Stiching anf Embroidary	1	
12	Height Measure	1	
13	Cooking utensils	1	
14	Glass Set	1	
15	Spoon Set	1	
16	Daugh Maker	1	
17	Idlli Maker	1	

SI. No.	nambal Marik College, Specification for Lab. E Name of Equipment	Qnty.	Remark
1	Refrigerator, Double Door	1	
2	Gas Stove	1	
3	Pressure Cooker 3 Ltrs	1	
4	Baking Cup for Cake, Beard, Cookies, Pizza	1	
5	Dinner Set	1	
6	Electric oven	1	
7	Mixer Grinder	1	
8	Toaster	1	
9	Sweeing Machine	1	
10	Weighing Machine, 0.1GM, 30KG	1	
11	Microsope	1	
12	Wooden And Plastic Frame for Stiching anf Embroidary	1	
13	Height Measure	1	
14	Cooking utensils	1	
15	Spoon Set	1	
16	Daugh Maker	1	
17	Idlli Maker	1	

SI. No.	Name of Equipment	Qnty.	Remark
1	Refrigerator, Double Door	1	
2	Gas Stove	1	
3	Pressure Cooker 3 Ltrs	1	
4	Baking Cup for Cake, Beard, Cookies, Pizza	1	
5	Dinner Set	1	
6	Electric oven	1	
7	Mixer Grinder	1	
8	Toaster	1	
9	Sweeing Machine	1	
10	Weighing Machine, 0.1GM, 30KG	1	
11	Microsope	1	
12	Wooden And Plastic Frame for Stiching anf Embroidary	1	
13	Height Measure	1	
14	Cooking utensils	1	
15	Glass Set	1	
16	Spoon Set	1	
17	Daugh Maker	1	
18	Idlli Maker	1	

18

SI. No.	Name of Equipment	Qnty.	Remark
1	Refrigerator, Double Door	1	
2	Gas Stove	1	
3	Pressure Cooker 3 Ltrs	1	- X
4	Baking Cup for Cake, Beard, Cookies, Pizza	1	
5	Dinner Set	1	
6	Electric oven	1	
7	Mixer Grinder	1	
8	Toaster	1	
9	Sweeing Machine	1	
10	Weighing Machine, 0.1GM, 30KG	1	
11	Microsope	1	
12	Wooden And Plastic Frame for Stiching anf Embroidary	1	
13	Height Measure	1	
14	Cooking utensils	1	
15	Glass Set	1	
16	Spoon Set	1	
17	Daugh Maker	1	
18	Idlli Maker	1	

Sl. No.	Name of Equipment Qnty. Remark		
1	Refrigerator, Double Door	1	
2	Gas Stove	1	
3	Pressure Cooker 3 Ltrs	1	
4	Baking Cup for Cake, Beard, Cookies, Pizza	1	
5	Dinner Set	1	
6	Electric oven	1	
7	Mixer Grinder	1	
8	Toaster	1	
9	Sweeing Machine	1	1
10	Weighing Machine, 0.1GM, 30KG	1	
11	Microsope	1	
12	Wooden And Plastic Frame for Stiching anf Embroidary	1	w ·
13	Height Measure	1	
14	Cooking utensils	1	
15	Glass Set	1	
16	Spoon Set	1	
17	Daugh Maker	1	
18	Idlli Maker	1	

SI. No.	Name of Equipment	Qnty.	Remark
31. 140.		Qiity.	Remark
1	Spreading Caliper for measuring head, face etc, 300MM	8	
2	4 in 1 Soil Survey Instrument	7	
3	Digital PH meter	8	
4	Hydrometer for particle size analysis	5	
5	Digital Sound Level meter	8	
6	Compound microscope for pollen analysis Indian Objective	7	
		43	

NG. College Specification for Lab. Equipment of Geography

SI. No.	Name of Equipment	Qnty.	Remark
1	Spreading Caliper for measuring head, face etc, 300MM	7	
2	4 in 1 Soil Survey Instrument	8	
3	Digital PH meter	7	
4	Hydrometer for particle size analysis	5	
5	Digital Sound Level meter	7	
6	Compound microscope for pollen analysis Indian Objective	8	

Total 4:

Р	Pettegrew College, Specification for Lab. Equipment of Science				
SI. No.	Name of Equipment	Qnty.	Remark		
1	Single Water Distiller , 2.5 Ltr/Hr	1			
2	UV-Visible Spectrophotometer	1			
3	pH Digital meter	1			
4	Heating Mantle ,500 ml	1			
5	Magnetic Stirrer, 500ml	1			
6	CentrifugE with 50ml rotor Max speed 6000 RPM	1			
7	Analytical Digital Electronic Balance (0.01mg	1			

Annexure - I

Imphal College, Specification for Lab. Equipment of life Science

SI No.	Subject	Items with detailed specifications	Qty
1	Zoology	Museum Specimens - Obelia	3
2	Zoology	Museum Specimens - Physalia	3
3	Zoology	Museum Specimens - Mellipora	3
4	Zoology	Museum Specimens - Aurelia	3
5	Zoology	Museum Specimens - Tubipora	3
6	Zoology	Museum Specimens - Corallium	3
7	Zoology	Museum Specimens - Alcyonium	3
8	Zoology	Museum Specimens - Gorgonia	3
9	Zoology	Museum Specimens - Metridium	- 3
10	Zoology	Museum Specimens - Pennatula	3
11	Zoology	Museum Specimens - fungia	3
12	Zoology	Museum Specimens - Meandrina	3
13	Zoology	Museum Specimens - Madrepora	3
14	Zoology	Museum Specimens - Sycon	3
15	Zoology	Museum Specimens - Hyalonema	3
16	Zoology	Museum Specimens - Spongilla	3
17	Zoology	Museum Specimens - Fasciola	3
18	Zoology	Museum Specimens - Taenua	3
19	Zoology	Museum Specimens - Ascaris	3
20	Zoology	Slide- T.S. of sycon	3
21	Zoology	Slide- L.S. of sycon	3
22	Zoology	Slide- T.S. of Metridium	3
23	Zoology	Slide- W.M. of Euglena	3
24	Zoology	Slide- W.M. of Amoeba	3
25	Zoology	Slide- W.M. of Paramecium	3
26	Zoology	Museum Specimens - Limulus	3
27	Zoology	Museum Specimens - Palamnaeus	3
28	Zoology	Museum Specimens - Palaemon	3
29	Zoology	Museum Specimens - Daphnia	3
30	Zoology	Museum Specimens - Balanus	3
31	Zoology	Museum Specimens - Sacculina	3
32	Zoology	Museum Specimens - Cancer	3
33	Zoology	Museum Specimens - Eupagurus	3
34	Zoology	Museum Specimens - Scolopendra	3
35	Zoology	Museum Specimens - Julus	3
36	Zoology	Museum Specimens - Bombyx	3
37	Zoology	Museum Specimens - Peripatus	3
38	Zoology	Museum Specimens - Chiton	3
39	Zoology	Museum Specimens - Dentalium	3
40	Zoology	Museum Specimens - Doris	3
41	Zoology	Museum Specimens - Helix	3
42	Zoology	Museum Specimens - Unio	3
43	Zoology	Museum Specimens - Patella	3
44	Zoology	Museum Specimens - Pinctada	3
45	Zoology	Museum Specimens - Sepia	3

89	Botany	Digital Portable Pen Type pH meter	255
88	Botany	Horizontal Gel Electrophoresis	1
87	Botany Micropipette (1-5 ml) Premium Plus, fully autoclavable		2
86	Botany	Bunsen Burner Stop Clock	4
85	Botany	Hot Plate with magnetic stirrer, 5L	1
84	Botany	PH Meter	1
83	Botany	STD-9 with 5 M.P Camera Superior Quality	1
82	Zoology	Slide- W.M. of blastula, gastrula of frog	3
81	Zoology	Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick emb	3
80	Zoology	Microscope slide cover slips	3 .
79	Zoology	Microscope Glass slides pk of 50 nos	3
78	Zoology	Coaxial Microscope Indian Objective	1
77	Zoology	Slide- T.S. of mammalian Nerve cell	3
76	Zoology	Slide- T.S. of mammalian Adrenal	3
75	Zoology	Slide- T.S. of mammalian Pancreas	3
74	Zoology	Slide- T.S. of mammalian ovary	3
73	Zoology	Slide- T.S. of mammalian testis	3
72	Zoology	Slide- T.S. of mammalian Parathyroid	3
71	Zoology	Slide- T.S. of mammalian Thyroid	3
70	Zoology	Slide- T.S. of mammalian Pituitary	3
69	Zoology	Slide- T.S. of mammalian spinal nerve	3
68	Zoology	Slide- T.S. of mammalian bone	3
67	Zoology	Slide- T.S. of mammalian cartilage	3
66	Zoology	Slide- T.S. of mammalian skin	3
65	Zoology	Slide- T.S. of mammalian kidney	3
64	Zoology	Slide- T.S. of mammalian lung	3
63	Zoology	Slide- T.S. of mammalian trachea	3
62	Zoology	Slide- T.S. of mammalian liver	3
61	Zoology	Slide- T.S. of mammalian ileum	3
60	Zoology	Slide- T.S. of mammalian duodenum	3
59	Zoology	Slide- T.S. of mammalian stomach	3
58	Zoology	Slide- T.S. of mammalian oesophagus	3
57	Zoology	Museum Specimens - Trochophore larva	3
56	Zoology	Museum Specimens - Heteronereis	3
55	Zoology	Museum Specimens - Aphrodite	3
54	Zoology	Museum Specimens - Nereis	3
53	Zoology	Museum Specimens - Antedon	3
52	Zoology	Museum Specimens - Cucumaria	3
51	Zoology	Museum Specimens - Echinus	3
50	Zoology	Museum Specimens - Clypeaster	3
49	Zoology	Museum Specimens - Ophiura	3
48	Zoology	Museum Specimens - Pentaceros	3
47	Zoology	Museum Specimens - Nautilus	3

Imphal College, Specification for Lab. Equipment of Physics & Chemistry

SI No.	Subject	Items with detailed specifications	Qty
1	Physics	Logic Gate Circuit Training Kit	3
2	Physics	Series and Parallel Combination Verification LCR	3
3	Physics	To verify Network Theorem:(i) Thevenin, (ii) Norton,	3
		(iii) Superposition, (iv) Maximum Power Transfer Theorem	
4	Physics	Digital Oscilloscope (DSC) Double	2
5	Physics	Male to Male, male to female jumper wires C pin, length 180m	12
6	Physics	Single Strain Wire 500 mm	3
7	Physics	IC 7404 NOT	3
8	Physics	74LS76 Dual JK flip-flop	3
9	Physics	74HC174 D-type flip-flop	3
10	Physics	NE 555 Timer IC dip-8 package	3
11	Physics	IC 4013 D flip-flop	3
12	Physics	74LS 83 4-Bat Binary full adder IC	3
13	Physics	IC 7400 Nand Gate	3
14	Physics	IC 7402 NOR	3
15	Physics	IC7408 AND Gate	3
16	Physics	IC7432 OR	3
17	Physics	IC7486 XOR	3
18	Physics	IC747266 XNOR	3
19	Physics	8085 Microprocessor Training Kit with Inbuilt Power Supply	1
20	Chemistry	Electrically heated melting point apparatus	1
21	Chemistry	Microwave Oven,20L	1
22	Chemistry	Copper Calorimeter (wooden Box type)	1

Annexure - I Kakching Khunou College, Specification for Lab. Equipment of life Science

SI No.	Subject	Items with detailed specifications	Qty
1	Zoology	Museum Specimens - Obelia	3
2	Zoology	Museum Specimens - Physalia	3
3	Zoology	Museum Specimens - Mellipora	3
4	Zoology	Museum Specimens - Aurelia	3
5	Zoology	Museum Specimens - Tubipora	3
6	Zoology	Museum Specimens - Corallium	3
7	Zoology	Museum Specimens - Alcyonium	3
8	Zoology	Museum Specimens - Gorgonia	3
9	Zoology	Museum Specimens - Metridium	3
10	Zoology	Museum Specimens - Pennatula	3
11	Zoology	Museum Specimens - fungia	3
12	Zoology	Museum Specimens - Meandrina	3
13	Zoology	Museum Specimens - Madrepora	3
14	Zoology	Museum Specimens - Sycon	3
15	Zoology	Museum Specimens - Hyalonema	3
16	Zoology	Museum Specimens - Spongilla	3
17	Zoology	Museum Specimens - Fasciola	3
18	Zoology	Museum Specimens - Taenua	3
19	Zoology	Museum Specimens - Ascaris	3
20	Zoology	Slide- T.S. of sycon	3
21	Zoology	Slide- L.S. of sycon	3
22	Zoology	Slide- T.S. of Metridium	3
23	Zoology	Slide- W.M. of Euglena	3
24	Zoology	Slide- W.M. of Amoeba	3
25	-	Slide- W.M. of Paramecium	3
26	Zoology	Museum Specimens - Limulus	3
27		Museum Specimens - Palamnaeus	3
28		Museum Specimens - Palaemon	3
29		Museum Specimens - Daphnia	3
30		Museum Specimens - Balanus	3
31	the Real Property lies and the least lies and the lies and	Museum Specimens - Sacculina	3
32		Museum Specimens - Cancer	3
33	THE RESERVE THE PERSON NAMED IN	Museum Specimens - Eupagurus	3
34	The second second	Museum Specimens - Scolopendra	3
35		Museum Specimens - Julus	3
36		Museum Specimens - Bombyx	3
37	The same of the sa	Museum Specimens - Peripatus	3
38		Museum Specimens - Chiton	3
39	-	Museum Specimens - Dentalium	3
40		Museum Specimens - Doris	3
41	THE RESERVE AND ADDRESS OF THE PARTY OF THE	Museum Specimens - Helix	3
42	THE RESERVE AND ADDRESS OF THE PARTY OF THE	Museum Specimens - Unio	3
43		Museum Specimens - Patella	3
44		Museum Specimens - Pinctada	3

45	Zoology [Museum Specimens - Sepia	3
46	31	Museum Specimens - Octopus	3
47	51	Museum Specimens - Nautilus	3
48		Museum Specimens - Pentaceros	3
49	01	Museum Specimens - Ophiura	3
50		Museum Specimens - Clypeaster	3
51		Museum Specimens - Echinus	3
52		Museum Specimens - Cucumaria	3
53	31	Museum Specimens - Antedon	3
54	01	Museum Specimens - Nereis	3
55		Museum Specimens - Aphrodite	3
56		Museum Specimens - Heteronereis	3
57		Museum Specimens - Trochophore larva	3
58	Zoology	Slide- T.S. of mammalian oesophagus	3
59	Zoology	Slide- T.S. of mammalian stomach	3
60	Zoology	Slide- T.S. of mammalian duodenum	3
61	Zoology	Slide- T.S. of mammalian ileum	3
62	Zoology	Slide- T.S. of mammalian liver	3
63	Zoology	Slide- T.S. of mammalian trachea	3
64	Zoology	Slide- T.S. of mammalian lung	3
65	Zoology	Slide- T.S. of mammalian kidney	3
66	Zoology	Slide- T.S. of mammalian skin	3
67	Zoology	Slide- T.S. of mammalian cartilage	3
68	Zoology	Slide- T.S. of mammalian bone	3
69	Zoology	Slide- T.S. of mammalian spinal nerve	3
70	Zoology	Slide- T.S. of mammalian Pituitary	3
71	Zoology	Slide- T.S. of mammalian Thyroid	3
72	Zoology	Slide- T.S. of mammalian Parathyroid	3
73	Zoology	Slide- T.S. of mammalian testis	3
74	Zoology	Slide- T.S. of mammalian ovary	3
75	Zoology	Slide- T.S. of mammalian Pancreas	3
76	Zoology	1: Advanced	3
77	Zoology		3
78	Zoology	T. U. Oldandina	1
79	Zoology		3
80	Zoology	Microscope slide cover slips	3
81	Zoology	Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick emb	3
82	Zoology	Slide- W.M. of blastula, gastrula of frog	3
83	Botany	Comparing Ouglity	1
84	Botany	PH Meter	1
85	Botany		1
86	Botany	Bunsen Burner Stop Clock	4
87	Botany	Micropipette (1-5 ml) Premium Plus, fully	2
		autociavable	1
88	Botany Botany		1

13

Kakching Khunou College, Specification for Lab. Equipment of Physics & Chemistry

SI No.	Subject	Items with detailed specifications	Qty
1	Physics	Logic Gate Circuit Training Kit	3
2	Physics	Series and Parallel Combination Verification LCR	3
3	Physics	To verify Network Theorem:(i) Thevenin, (ii) Norton,	3
	-	(iii) Superposition, (iv) Maximum Power Transfer Theorem	
4	Physics	Digital Oscilloscope (DSC) Double	2
5	Physics	Male to Male, male to female jumper wires C pin, length 180m	12
6	Physics	Single Strain Wire 500 mm	3
7	Physics	IC 7404 NOT	3
8	Physics	74LS76 Dual JK flip-flop	3
9	Physics	74HC174 D-type flip-flop	3
10	Physics	NE 555 Timer IC dip-8 package	3
11	Physics	IC 4013 D flip-flop	3
12	Physics	74LS 83 4-Bat Binary full adder IC	3
13	Physics	IC 7400 Nand Gate	3
14	Physics	IC 7402 NOR	3
15	Physics	IC7408 AND Gate	3
16	Physics	IC7432 OR	3
17	Physics	IC7486 XOR	3
18	Physics	IC747266 XNOR	3
19	Physics	8085 Microprocessor Training Kit with Inbuilt Power Supply	1
20	Chemistry	Electrically heated melting point apparatus	1
21	Chemistry	Microwave Oven,20L	1
22	Chemistry	Copper Calorimeter (wooden Box type)	1

Annexure-I

SI No.	Subject	Items with detailed specifications	Qty
1	Zoology	Museum Specimens - Obelia	3
2	Zoology	Museum Specimens - Physalia	3
3	Zoology	Museum Specimens - Mellipora	3
4	Zoology	Museum Specimens - Aurelia	3
5	Zoology	Museum Specimens - Tubipora	3
6	Zoology	Museum Specimens - Corallium	3
7	Zoology	Museum Specimens - Alcyonium	3
8	Zoology	Museum Specimens - Gorgonia	3
9	Zoology	Museum Specimens - Metridium	3
10	Zoology	Museum Specimens - Pennatula	3
11	Zoology	Museum Specimens - fungia	3
12	Zoology	Museum Specimens - Meandrina	3
13	Zoology	Museum Specimens - Madrepora	3
14	Zoology	Museum Specimens - Sycon	3
15	Zoology	Museum Specimens - Hyalonema	3
16	Zoology	Museum Specimens - Spongilla	3
17	Zoology	Museum Specimens - Fasciola	3
18	Zoology	Museum Specimens - Taenua	3
19	Zoology	Museum Specimens - Ascaris	3
20	Zoology	Slide- T.S. of sycon	3
21	Zoology	Slide- L.S. of sycon	3
22	STATE OF TAXABLE PARTY.	Slide- T.S. of Metridium	3
23	Zoology	Slide- W.M. of Euglena	3
24	Zoology	Slide- W.M. of Amoeba	3
25	Zoology	Slide- W.M. of Paramecium	3
26		Museum Specimens - Limulus	3
27		Museum Specimens - Palamnaeus	3
28	Zoology	Museum Specimens - Palaemon	3
29	Zoology	Museum Specimens - Daphnia	3
30	Zoology	Museum Specimens - Balanus	3
31	Zoology	Museum Specimens - Sacculina	3
32	Zoology	Museum Specimens - Cancer	3
33	Zoology	Museum Specimens - Eupagurus	3
34	Zoology	Museum Specimens - Scolopendra	3
35	Zoology	Museum Specimens - Julus	3
36	Zoology	Museum Specimens - Bombyx	3
37	Zoology	Museum Specimens - Peripatus	3
38	Zoology	Museum Specimens - Chiton	3
39	Zoology	Museum Specimens - Dentalium	3
40	Zoology I	Museum Specimens - Doris	3
41	Zoology I	Museum Specimens - Helix	3
42	Zoology I	Museum Specimens - Unio	3
43		Museum Specimens - Patella	3
44	Zoology I	Museum Specimens - Pinctada	3
45	Zoology	Museum Specimens - Sepia	3

46	0,	Museum Specimens - Octopus	3
47		Museum Specimens - Nautilus	3
48		Museum Specimens - Pentaceros	
49	0,	Museum Specimens - Ophiura	3
50		Museum Specimens - Clypeaster	
51		Museum Specimens - Echinus	3
52	01	Museum Specimens - Cucumaria	3
53	Zoology	Museum Specimens - Antedon	3
54	31	Museum Specimens - Nereis	3
55		Museum Specimens - Aphrodite	3
56	Zoology	Museum Specimens - Heteronereis	3
57	Zoology	Museum Specimens - Trochophore larva	3
58	Zoology	Slide- T.S. of mammalian oesophagus	3
59	Zoology	Slide- T.S. of mammalian stomach	3
60	Zoology	Slide- T.S. of mammalian duodenum	3
61	Zoology	Slide- T.S. of mammalian ileum	3
62	Zoology	Slide- T.S. of mammalian liver	3
63	Zoology	Slide- T.S. of mammalian trachea	3
64	Zoology	Slide- T.S. of mammalian lung	3
65	Zoology	Slide- T.S. of mammalian kidney	3
66	Zoology	Slide- T.S. of mammalian skin	3
67	Zoology	Slide- T.S. of mammalian cartilage	3
68	Zoology	Slide- T.S. of mammalian bone	3
69	Zoology	Slide- T.S. of mammalian spinal nerve	3
70	Zoology	Slide- T.S. of mammalian Pituitary	3
71	Zoology	Slide- T.S. of mammalian Thyroid	3
72	Zoology	Slide- T.S. of mammalian Parathyroid	3
73	Zoology	Slide- T.S. of mammalian testis	3
74	Zoology	Slide- T.S. of mammalian ovary	3
75	Zoology	Slide- T.S. of mammalian Pancreas	3
76	Zoology	Slide- T.S. of mammalian Adrenal	3
77	Zoology	Slide- T.S. of mammalian Nerve cell	3
78	Zoology	Coaxial Microscope Indian Objective	1
79	Zoology		3
80	Zoology	The state of the s	3
81	Zoology	5 to 34 36 40 and 73 hrs shick embryo	3
82	Zoology	and the state of from	3
83	Botany	Commission Ouglity	1
84	Botany	PH Meter	1
85	Botany	Hot Plate with magnetic stirrer, 5L	1
86	Botany	Bunsen Burner Stop Clock	4
87	Botany	Divisions Divisions Plans fully autoclavable	2
88	Botany		1
89	Botany	The state of the s	1

Liberal College, Specification for Lab. Equipment of Physics & Chemistry

SI No.	Subject	Items with detailed specifications	Qty
1	Physics	Logic Gate Circuit Training Kit	3
2	Physics	Series and Parallel Combination Verification LCR	3
3	Physics	To verify Network Theorem:(i) Thevenin, (ii) Norton,	3
	*	(iii) Superposition, (iv) Maximum Power Transfer Theorem	
4	Physics	Digital Oscilloscope (DSC) Double	2
5	Physics	Male to Male, male to female jumper wires C pin, length 180m	12
6	Physics	Single Strain Wire 500 mm	3
7	Physics	IC 7404 NOT	3
8	Physics	74LS76 Dual JK flip-flop	3
9	Physics	74HC174 D-type flip-flop	3
10	Physics	NE 555 Timer IC dip-8 package	3
11	Physics	IC 4013 D flip-flop	3
12	Physics	74LS 83 4-Bat Binary full adder IC	3
13	Physics	IC 7400 Nand Gate	3
14	Physics	IC 7402 NOR	3
15	Physics	IC7408 AND Gate	3
16	Physics	IC7432 OR	3
17	Physics	IC7486 XOR	3
18	Physics	IC747266 XNOR	3
19	Physics	8085 Microprocessor Training Kit with Inbuilt Power Supply	1
20	Chemistry	Electrically heated melting point apparatus	1
21	Chemistry	Microwave Oven,20L	1
22	Chemistry	Copper Calorimeter (wooden Box type)	1

Annexure

Modern College, Specification for lab. Equipment of life Science

SI No.	Subject	Items with detailed specifications	Qty
1	Zoology	Museum Specimens - Obelia	3
2	Zoology	Museum Specimens - Physalia	3
3	Zoology	Museum Specimens - Mellipora	3
4	Zoology	Museum Specimens - Aurelia	3
5	Zoology	Museum Specimens - Tubipora	3
6	Zoology	Museum Specimens - Corallium	3
7	Zoology	Museum Specimens - Alcyonium	3
8	Zoology	Museum Specimens - Gorgonia	3
9	Zoology	Museum Specimens - Metridium	3
10	Zoology	Museum Specimens - Pennatula	3
11	Zoology	Museum Specimens - fungia	3
12	Zoology	Museum Specimens - Meandrina	3
13	Zoology	Museum Specimens - Madrepora	3
14	Zoology	Museum Specimens - Sycon	3
15	Zoology	Museum Specimens - Hyalonema	3
16	Zoology	Museum Specimens - Spongilla	3
17	Zoology	Museum Specimens - Fasciola	3
18	Zoology	Museum Specimens - Taenua	3
19	Zoology	Museum Specimens - Ascaris	3
20	Zoology	Slide- T.S. of sycon	3
21	Zoology	Slide- L.S. of sycon	3
22	Zoology	Slide- T.S. of Metridium	3
23	Zoology	Slide- W.M. of Euglena	3
24	Zoology	Slide- W.M. of Amoeba	3
25	Zoology	Slide- W.M. of Paramecium	3
26	Zoology	Museum Specimens - Limulus	3
27	Zoology	Museum Specimens - Palamnaeus	3
28	Zoology	Museum Specimens - Palaemon	3
29	Zoology	Museum Specimens - Daphnia	3
30	Zoology	Museum Specimens - Balanus	3
31	Zoology	Museum Specimens - Sacculina	3
32	Zoology	Museum Specimens - Cancer	3
33	Zoology	Museum Specimens - Eupagurus	3
34	Zoology	Museum Specimens - Scolopendra	3
35	Zoology	Museum Specimens - Julus	3
36	Zoology	Museum Specimens - Bombyx	3
37	Zoology	Museum Specimens - Peripatus	3
38	Zoology	Museum Specimens - Chiton	3
39	Zoology	Museum Specimens - Dentalium	3
40	Zoology	Museum Specimens - Doris	3
41	Zoology	Museum Specimens - Helix	3
42	Zoology	Museum Specimens - Unio	3
43	Zoology	Museum Specimens - Patella	3
44	Zoology	Museum Specimens - Pinctada	3
45	Zoology	Museum Specimens - Sepia	3

46	Zoology	Museum Specimens - Octopus	3
46	Zoology	Museum Specimens - Octobus Museum Specimens - Nautilus	3
		Museum Specimens - Pentaceros	3
48	Zoology	Museum Specimens - Pentaceros Museum Specimens - Ophiura	3
49	Zoology		3
50	Zoology	Museum Specimens - Clypeaster	3
51	Zoology	Museum Specimens - Echinus	3
52	Zoology	Museum Specimens - Cucumaria	3
53	Zoology	Museum Specimens - Antedon	3
54	Zoology	Museum Specimens - Nereis	3
55 -	Zoology	Museum Specimens - Aphrodite	3
56	Zoology	Museum Specimens - Heteronereis	
57	Zoology	Museum Specimens - Trochophore larva	3
58	Zoology	Slide- T.S. of mammalian oesophagus	3
59	Zoology	Slide- T.S. of mammalian stomach	3
60	Zoology	Slide- T.S. of mammalian duodenum	3
61	Zoology	Slide- T.S. of mammalian ileum	3
62	Zoology	Slide- T.S. of mammalian liver	3
63	Zoology	Slide- T.S. of mammalian trachea	3
64	Zoology	Slide- T.S. of mammalian lung	3
65	Zoology	Slide- T.S. of mammalian kidney	3
66	Zoology	Slide- T.S. of mammalian skin	3
67	Zoology	Slide- T.S. of mammalian cartilage	3
68	Zoology	Slide- T.S. of mammalian bone	3
69	Zoology	Slide- T.S. of mammalian spinal nerve	3
70	Zoology	Slide- T.S. of mammalian Pituitary	3
71	Zoology	Slide- T.S. of mammalian Thyroid	3
72	Zoology	Slide- T.S. of mammalian Parathyroid	3
73	Zoology	Slide- T.S. of mammalian testis	3
74	Zoology	Slide- T.S. of mammalian ovary	3
75	Zoology	Slide- T.S. of mammalian Pancreas	3
. 76	Zoology	Slide- T.S. of mammalian Adrenal	3
77	Zoology	Slide- T.S. of mammalian Nerve cell	3
78	Zoology	Coaxial Microscope Indian Objective	1
79	Zoology	Microscope Glass slides pk of 50 nos	3
80	Zoology	Microscope slide cover slips	3
81	Zoology	Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick embryo	3
82	Zoology	Slide- W.M. of blastula, gastrula of frog	3
83	Botany	STD-9 with 5 M.P Camera Superior Quality	1
84	Botany	Digital Analytical Weighing Balance, 0.01gm	1
85	Botany	PH Meter	1
- 86	Botany	Hot Plate with magnetic stirrer, 5L	1
87	Botany	Bunsen Burner Stop Clock	4
88	Botany	Micropipette (1-5 ml) Premium Plus, fully autoclavable	2
89	Botany	Digital Portable Pen Type pH meter	1
0.00000	,	Total	255

Modern College, Specification for Lab. Equipment of Physics & Chemistry

SI No.	Subject	Items with detailed specifications	Qty
1	Physics	Logic Gate Circuit Training Kit	3
2		Series and Parallel Combination Verification LCR	3
3	Physics	To verify Network Theorem:(i) Thevenin, (ii) Norton,	3
		(iii) Superposition, (iv) Maximum Power Transfer Theorem	
4	Physics	Digital Oscilloscope (DSC) Double	2
5	Physics	Male to Male, male to female jumper wires C pin, length 180m	12
6	Physics	Single Strain Wire 500 mm	3
7	Physics	IC 7404 NOT	3
8	Physics	74LS76 Dual JK flip-flop	3
9	Physics	74HC174 D-type flip-flop	3
10	Physics	NE 555 Timer IC dip-8 package	3
11	Physics	IC 4013 D flip-flop	3
12	Physics	74LS 83 4-Bat Binary full adder IC	3
13	Physics	IC 7400 Nand Gate	3
14	Physics	IC 7402 NOR	3
15	Physics	IC7408 AND Gate	3
16	Physics	IC7432 OR	3
17	Physics	IC7486 XOR	3
18	Physics	IC747266 XNOR	3
19	Physics	8085 Microprocessor Training Kit with Inbuilt Power Supply	1
20	Chemistry	Spectophotometer UV-Visible	1
21	Chemistry	Microwave Oven,20L	1
22	Chemistry	Copper Calorimeter (wooden Box type)	1

Annexure-I Mayai Lambi College, Specification for Lab. Equipment of Life Science

SI No.	Subject	Items with detailed specifications	Qty
1	Zoology	Museum Specimens - Obelia	3
2	Zoology	Museum Specimens - Physalia	3
3	Zoology	Museum Specimens - Mellipora	3
4	Zoology	Museum Specimens - Aurelia	3
5	Zoology	Museum Specimens - Tubipora	3
6	Zoology	Museum Specimens - Corallium	3
7	Zoology	Museum Specimens - Alcyonium	3
8	Zoology	Museum Specimens - Gorgonia	3
9	Zoology	Museum Specimens - Metridium	3
10	Zoology	Museum Specimens - Pennatula	3
11	Zoology	Museum Specimens - fungia	3
12	Zoology	Museum Specimens - Meandrina	3
13	Zoology	Museum Specimens - Madrepora	3
14	Zoology	Museum Specimens - Sycon	3
15	Zoology	Museum Specimens - Hyalonema	3
16	Zoology	Museum Specimens - Spongilla	3
17	Zoology	Museum Specimens - Fasciola	3
18	Zoology	Museum Specimens - Taenua	3
19	Zoology	Museum Specimens - Ascaris	3
20	Zoology	Slide- T.S. of sycon	3
21	Zoology	Slide- L.S. of sycon	3
22	Zoology	Slide- T.S. of Metridium	3
23	Zoology	Slide- W.M. of Euglena	3
24	Zoology	Slide- W.M. of Amoeba	3
25	Zoology	Slide- W.M. of Paramecium	3
26	Zoology	Museum Specimens - Limulus	3
27	Zoology	Museum Specimens - Palamnaeus	3
28	Zoology	Museum Specimens - Palaemon	3
29	the state of the s	Museum Specimens - Daphnia	3
30		Museum Specimens - Balanus	3
31		Museum Specimens - Sacculina	3
32		Museum Specimens - Cancer	3
33		Museum Specimens - Eupagurus	3
34		Museum Specimens - Scolopendra	3
35	The real Property lies and the least lies and the lies and the least lies and the lies and the least lies and the lies and t	Museum Specimens - Julus	3
36	THE OWNER OF TAXABLE PARTY.	Museum Specimens - Bombyx	3
37	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN	Museum Specimens - Peripatus	3
38		Museum Specimens - Chiton	3
39	THE RESERVE AND ADDRESS OF THE PARTY NAMED IN	Museum Specimens - Dentalium	3
40	THE RESERVE THE PERSON NAMED IN	Museum Specimens - Doris	3
41		Museum Specimens - Helix	3
42	Zoology	Museum Specimens - Unio	3
43	THE R. P. LEWIS CO., Land Low, Low, Low, Low, Low, Low, Low, Low,	Museum Specimens - Patella	3
44	Zoology	Museum Specimens - Pinctada	3
45	Zoology	Museum Specimens - Sepia	3

. 1	_ , г	M Cassimons Octonus	3
46	51	Museum Specimens - Octopus	3
47		Museum Specimens - Nautilus	3
48	5,	Museum Specimens - Pentaceros	3
49	31	Museum Specimens - Ophiura	3
50		Museum Specimens - Clypeaster	3
51		Museum Specimens - Echinus	3
52	5,	Museum Specimens - Cucumaria	3
53	31	Museum Specimens - Antedon	3
54	3,	Museum Specimens - Nereis	3
55	51	Museum Specimens - Aphrodite	3
56	Zoology	Museum Specimens - Heteronereis	3
57	Zoology	Museum Specimens - Trochophore larva	
58	Zoology	Slide- T.S. of mammalian oesophagus	3
59	Zoology	Slide- T.S. of mammalian stomach	3
60	Zoology	Slide- T.S. of mammalian duodenum	3
61	Zoology	Slide- T.S. of mammalian ileum	3
62	Zoology	Slide- T.S. of mammalian liver	3
63	Zoology	Slide- T.S. of mammalian trachea	3
64	Zoology	Slide- T.S. of mammalian lung	3
65	Zoology	Slide- T.S. of mammalian kidney	3
66	Zoology	Slide- T.S. of mammalian skin	3
67	Zoology	Slide- T.S. of mammalian cartilage	3
68	Zoology	Slide- T.S. of mammalian bone	3
69	Zoology	Slide- T.S. of mammalian spinal nerve	3
70	Zoology	Slide- T.S. of mammalian Pituitary	3
71	Zoology	Slide- T.S. of mammalian Thyroid	3
72	Zoology	Slide- T.S. of mammalian Parathyroid	3
73	Zoology	Slide- T.S. of mammalian testis	3
74	Zoology	Slide- T.S. of mammalian ovary	3
75	Zoology	Slide- T.S. of mammalian Pancreas	3
76	Zoology	Slide- T.S. of mammalian Adrenal	3
77	Zoology	Slide- T.S. of mammalian Nerve cell	3
78	Zoology	Coaxial Microscope Indian Objective	1
79	Zoology	Microscope Glass slides pk of 50 nos	3
80	Zoology	Microscope slide cover slips	3
81	Zoology	Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick	3
		embryo Slide- W.M. of blastula, gastrula of frog	3
82	Zoology	Binocular Compound Microscope,STD-9	1
83	Botany	Digital Analytical Weighing Balance, 0.01gm	1
84	Botany		1
85	Botany	PH Meter	1
86	Botany	Hot Plate with magnetic stirrer, 5L	4
87	Botany	Bunsen Burner Stop Clock Micropipette (1-5 ml) Premium Plus, fully	
88	Botany	autoclavable	1
89	Botany	Digital Portable Pen Type pH meter Total	255

Mayai Lambi College, Specification for Lab. Equipment of Physics & Chemistry

SI No.	Subject	Items with detailed specifications	Qty
1	Physics	Logic Gate Circuit Training Kit	3
2	Physics	Series and Parallel Combination Verification LCR	3
3	Physics	To verify Network Theorem:(i) Thevenin, (ii) Norton,	3
		(iii) Superposition, (iv) Maximum Power Transfer Theorem	
4	Physics	Digital Oscilloscope (DSC) Double	2
5	Physics	Male to Male, male to female jumper wires C pin, length 180m	12
6	Physics	Single Strain Wire 500 mm	3
7	Physics	IC 7404 NOT	3
8	Physics	74LS76 Dual JK flip-flop	3
9	Physics	74HC174 D-type flip-flop	3
10	Physics	NE 555 Timer IC dip-8 package	3
11	Physics	IC 4013 D flip-flop	3
12	Physics	74LS 83 4-Bat Binary full adder IC	3
13	Physics	IC 7400 Nand Gate	3
14	Physics	IC 7402 NOR	3
15	Physics	IC7408 AND Gate	3
16	Physics	IC7432 OR	3
17	Physics	IC7486 XOR	3
18	Physics	IC747266 XNOR	3
19	Physics	8085 Microprocessor Training Kit with Inbuilt Power Supply	1
20	Chemistry		1
21	Chemistry	Microwave Oven,20L	1
22	Chemistry	Copper Calorimeter (wooden Box type)	1

Annexure - I

Manipur College, Specification for Lab. Equipment					
SI No.	Subject	Items with detailed specifications	Qty		
1	Zoology	Museum Specimens - Obelia	3		
2	Zoology	Museum Specimens - Physalia	3		
3	Zoology	Museum Specimens - Mellipora	3		
4	Zoology	Museum Specimens - Aurelia	3		
5	Zoology	Museum Specimens - Tubipora	3		
6	Zoology	Museum Specimens - Corallium	3		
7	Zoology	Museum Specimens - Alcyonium	3		
8	Zoology	Museum Specimens - Gorgonia	3		
9	Zoology	Museum Specimens - Metridium	3		
10	Zoology	Museum Specimens - Pennatula	3		
11	Zoology	Museum Specimens - fungia	3		
12	Zoology	Museum Specimens - Meandrina	3		
13	Zoology	Museum Specimens - Madrepora	3		
14	Zoology	Museum Specimens - Sycon	3		
15	Zoology	Museum Specimens - Hyalonema	3		
16	Zoology	Museum Specimens - Spongilla	3		
17	Zoology	Museum Specimens - Fasciola	3		
18	Zoology	Museum Specimens - Taenua	3		
19	Zoology	Museum Specimens - Ascaris	3		
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21	Zoology	Slide- L.S. of sycon	3		
22	Zoology	Slide- T.S. of Metridium	3		
23	Zoology	Slide- W.M. of Euglena	3		
24	Zoology	Slide- W.M. of Amoeba	3		
25	Zoology	Slide- W.M. of Paramecium	3		
26	Zoology	Museum Specimens - Limulus	3		
27	Zoology	Museum Specimens - Palamnaeus	3		
28	Zoology	Museum Specimens - Palaemon	3		
29	Zoology	Museum Specimens - Daphnia	3		
30	Zoology	Museum Specimens - Balanus	3		
31	Zoology	Museum Specimens - Sacculina	3		
32	Zoology	Museum Specimens - Cancer	3		
33	Zoology	Museum Specimens - Eupagurus	3		
34	Zoology	Museum Specimens - Scolopendra	3		
35	Zoology	Museum Specimens - Julus	3		
36	Zoology	Museum Specimens - Bombyx	3		
37	Zoology	Museum Specimens - Peripatus	3		
38	Zoology	Museum Specimens - Chiton	3		
39	Zoology	Museum Specimens - Dentalium	3		
40	Zoology	Museum Specimens - Doris	3		
41	Zoology	Museum Specimens - Helix	3		
42	Zoology	Museum Specimens - Unio	3		
43	Zoology	Museum Specimens - Patella	3		
44	Zoology	Museum Specimens - Pinctada	3		
45	Zoology	Museum Specimens - Sepia	3		
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File No. DUHE-1/171/2023-DUHE-DU&HE (Computer No. 86224)

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76ZoologySlide- T.S. of mammalian Nerve cell377ZoologyCoaxial Microscope Indian Objective179ZoologyMicroscope Glass slides pk of 50 nos380ZoologyMicroscope slide cover slips381ZoologySlide- W.M. of 18, 24, 36, 48 and 72 hrs chick embryo382ZoologySlide- W.M. of blastula, gastrula of frog383BotanyBinocular Compound Microscope,STD-9184BotanyDigital Analytical Weighing Balance, 0.01gm185BotanyPH Meter186BotanyHot Plate with magnetic stirrer, 5L187BotanyBunsen Burner Stop Clock288BotanyMicropipette (1-5 ml) Premium Plus, fully autoclavable2	75	Zoology	Slide- T.S. of mammalian Pancreas	3
78ZoologySide- 1.3. or Hammalan Herve cent78ZoologyCoaxial Microscope Indian Objective179ZoologyMicroscope Glass slides pk of 50 nos380ZoologyMicroscope slide cover slips381ZoologySlide- W.M. of 18, 24, 36, 48 and 72 hrs chick embryo382ZoologySlide- W.M. of blastula, gastrula of frog383BotanyBinocular Compound Microscope,STD-9184BotanyDigital Analytical Weighing Balance, 0.01gm185BotanyPH Meter186BotanyHot Plate with magnetic stirrer, 5L187BotanyBunsen Burner Stop Clock288BotanyMicropipette (1-5 ml) Premium Plus, fully autoclavable2	76	Zoology	Slide- T.S. of mammalian Adrenal	3
79 Zoology Microscope Glass slides pk of 50 nos 3 80 Zoology Microscope slide cover slips 3 81 Zoology Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick embryo 3 82 Zoology Slide- W.M. of blastula, gastrula of frog 3 83 Botany Binocular Compound Microscope, STD-9 1 84 Botany Digital Analytical Weighing Balance, 0.01gm 1 85 Botany PH Meter 1 86 Botany Hot Plate with magnetic stirrer, 5L 1 87 Botany Bunsen Burner Stop Clock 2 88 Botany Micropipette (1-5 ml) Premium Plus, fully autoclavable 2	77	Zoology	Slide- T.S. of mammalian Nerve cell	3
Zoology Microscope slide cover slips Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick embryo Zoology Slide- W.M. of blastula, gastrula of frog Botany Binocular Compound Microscope, STD-9 Botany Digital Analytical Weighing Balance, 0.01gm Botany PH Meter Botany Hot Plate with magnetic stirrer, 5L Botany Bunsen Burner Stop Clock Botany Micropipette (1-5 ml) Premium Plus, fully autoclavable Zoology Slide- W.M. of blastula, gastrula of frog Botany Binocular Compound Microscope, STD-9 Botany PH Meter Micropipette (1-5 ml) Premium Plus, fully autoclavable	78	Zoology	Coaxial Microscope Indian Objective	
Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick embryo 82 Zoology Slide- W.M. of blastula, gastrula of frog 83 Botany Binocular Compound Microscope, STD-9 84 Botany Digital Analytical Weighing Balance, 0.01gm 85 Botany PH Meter 86 Botany Hot Plate with magnetic stirrer, 5L 87 Botany Bunsen Burner Stop Clock 88 Botany Micropipette (1-5 ml) Premium Plus, fully autoclavable 2	79	Zoology	Microscope Glass slides pk of 50 nos	
81 Zoology embryo 3 82 Zoology Slide- W.M. of blastula, gastrula of frog 3 83 Botany Binocular Compound Microscope,STD-9 1 84 Botany Digital Analytical Weighing Balance, 0.01gm 1 85 Botany PH Meter 1 86 Botany Hot Plate with magnetic stirrer, 5L 1 87 Botany Bunsen Burner Stop Clock 2 88 Botany Micropipette (1-5 ml) Premium Plus, fully autoclavable 2	80	Zoology		3
82ZoologySlide- W.M. of blastula, gastrula of frog383BotanyBinocular Compound Microscope, STD-9184BotanyDigital Analytical Weighing Balance, 0.01gm185BotanyPH Meter186BotanyHot Plate with magnetic stirrer, 5L187BotanyBunsen Burner Stop Clock288BotanyMicropipette (1-5 ml) Premium Plus, fully autoclavable2	81	Zoology		
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85 Botany PH Meter 1 86 Botany Hot Plate with magnetic stirrer, 5L 1 87 Botany Bunsen Burner Stop Clock 2 88 Botany Micropipette (1-5 ml) Premium Plus, fully autoclavable 2	83	Botany		
86 Botany Hot Plate with magnetic stirrer, 5L 1 87 Botany Bunsen Burner Stop Clock 2 88 Botany Micropipette (1-5 ml) Premium Plus, fully autoclavable 2	84	Botany	Digital Analytical Weighing Balance, 0.01gm	
87 Botany Bunsen Burner Stop Clock 2 88 Botany Micropipette (1-5 ml) Premium Plus, fully autoclavable 2	85	Botany	NO MARKET THE CONTRACTOR AND ADDRESS OF THE CONTRACTOR AND ADDRESS OF THE CONTRACTOR ADDRESS OF	
88 Botany Micropipette (1-5 ml) Premium Plus, fully autoclavable 2	86	Botany	Hot Plate with magnetic stirrer, 5L	
88 Botany autoclavable 2	87	Botany		2
	88	Botany		2
	89	Botany		1

Manipur College, Specification for Lab. Equipment of Physics & Chemistry

SI No.	Subject	Items with detailed specifications	Qty
1	Physics	Logic Gate Circuit Training Kit	3
2	Physics	Series and Parallel Combination Verification LCR	3
3	Physics	To verify Network Theorem:(i) Thevenin, (ii) Norton,	3
		(iii) Superposition, (iv) Maximum Power Transfer Theorem	
4	Physics	Digital Oscilloscope (DSC) Double	2
5	Physics	Male to Male, male to female jumper wires C pin, length 180m	12
6	Physics	Single Strain Wire 500 mm	3
7	Physics	IC 7404 NOT	3
8	Physics	74LS76 Dual JK flip-flop	3
9	Physics	74HC174 D-type flip-flop	3
10	Physics	NE 555 Timer IC dip-8 package	3
11	Physics	IC 4013 D flip-flop	3
12	Physics	74LS 83 4-Bat Binary full adder IC	3
13	Physics	IC 7400 Nand Gate	3
14	Physics	IC 7402 NOR	3
15	Physics	IC7408 AND Gate	3
16	Physics	IC7432 OR	3
17	Physics	IC7486 XOR	.3
18	Physics	IC747266 XNOR	3
19	Physics	8085 Microprocessor Training Kit with Inbuilt Power Supply	1
20	Chemistry	Na, Ca, Li Flame Photometer (Digital)	1
21	Chemistry	Microwave Oven,20L	1
22	Chemistry	Copper Calorimeter (wooden Box type)	1
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Annexure-I College, Specification for Lab. Equipment of Life Science

I No.	Subject	e, Specification for Lab. Equipment of Life Items with detailed specifications	Ob.
1	Zoology		Qty
2	Zoology	Museum Specimens - Obelia	3
3	Zoology	Museum Specimens - Physalia	3
4	Zoology	Museum Specimens - Mellipora	
5	Zoology	Museum Specimens - Aurelia	3
6	Zoology	Museum Specimens - Tubipora	3
7	Zoology	Museum Specimens - Corallium	3
8	Zoology	Museum Specimens - Alcyonium	3
9	Zoology	Museum Specimens - Gorgonia	3
10	Zoology	Museum Specimens - Metridium Museum Specimens - Pennatula	3
11	Zoology	Museum Specimens - Fundatula	3
12	Zoology		
13	Zoology	Museum Specimens - Meandrina	3
14		Museum Specimens - Madrepora	3
15	Zoology	Museum Specimens - Sycon	3
16	Zoology	Museum Specimens - Hyalonema	3
17	Zoology Zoology	Museum Specimens - Spongilla Museum Specimens - Fasciola	3
18	Commence of the last of the la		3
19	Zoology Zoology	Museum Specimens - Taenua	3
20	Zoology	Museum Specimens - Ascaris	3
21	Zoology	Slide- T.S. of sycon	3
22	Zoology	Slide- L.S. of sycon	3
23	THE RESERVE AND DESCRIPTION OF THE PERSON.	Slide- T.S. of Metridium	3
24	Zoology	Slide- W.M. of Euglena	3
25	Zoology	Slide- W.M. of Amoeba	3
26	Zoology	Slide- W.M. of Paramecium	3
27		Museum Specimens - Limulus	3
28	Zoology	Museum Specimens - Palamnaeus	3
-	Zoology	Museum Specimens - Palaemon	3
29		Museum Specimens - Daphnia	3
30	-	Museum Specimens - Balanus	3
32	the latest designation of the latest designa	Museum Specimens - Sacculina	3
33	The second secon	Museum Specimens - Cancer	3
34	THE OWNER WHEN PERSON NAMED IN	Museum Specimens - Eupagurus	3
_	THE RESERVE TO THE PERSON NAMED IN	Museum Specimens - Scolopendra	3
35 36	THE RESERVE AND ADDRESS OF THE PARTY NAMED IN	Museum Specimens - Julus	3
37	the same of the sa	Museum Specimens - Bombyx	3
38	COLUMN TWO IS NOT THE OWNER.	Museum Specimens - Peripatus	3
39	-	Museum Specimens - Chiton	3
40		Museum Specimens - Dentalium	
41	CONTRACTOR OF THE PERSON NAMED IN	Museum Specimens - Doris	3
42		Museum Specimens - Helix	3
43	THE RESERVE AND DESCRIPTION OF THE PARTY OF	Museum Specimens - Unio Museum Specimens - Patella	3
44	THE RESERVE THE PERSON NAMED IN	Museum Specimens - Patella Museum Specimens - Pinctada	3
45		Museum Specimens - Pinctada Museum Specimens - Sepia	3
10	Zoology	Museum Specimens - Sepia 27	3

88 89	Botany	autoclavable Digital Portable Pen Type pH meter	2
88	Botany		^
		Micropipette (1-5 ml) Premium Plus, fully	
87	Botany	Bunsen Burner Stop Clock	4
86	Botany	Hot Plate with magnetic stirrer, 5L	1
85	Botany	PH Meter	1
84	Botany	Digital Analytical Weighing Balance, 0.01gm	1
83	Botany	Binocular Compound Microscope,STD-9	1
82	Zoology	Slide- W.M. of blastula, gastrula of frog	3
81	Zoology	Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick embryo	3
80	Zoology	Microscope slide cover slips	3
79	Zoology	Microscope Glass slides pk of 50 nos	3
78	Zoology	Coaxial Microscope Indian Objective	1
77	Zoology	Slide- T.S. of mammalian Nerve cell	3
76	Zoology	Slide- T.S. of mammalian Adrenal	3
75	Zoology	Slide- T.S. of mammalian Pancreas	3
74	Zoology	Slide- T.S. of mammalian ovary	3
73	Zoology	Slide- T.S. of mammalian testis	3
72	Zoology	Slide- T.S. of mammalian Parathyroid	3
71	Zoology	Slide- T.S. of mammalian Thyroid	3
70	Zoology	Slide- T.S. of mammalian Pituitary	3
69	Zoology Zoology	Slide- T.S. of mammalian spinal nerve	3
68	Zoology	Slide- T.S. of mammalian bone	3
66 67	Zoology	Slide- T.S. of mammalian cartilage	3
65	Zoology	Slide- T.S. of mammalian kidney Slide- T.S. of mammalian skin	3
64	Zoology	Slide- T.S. of mammalian lung Slide- T.S. of mammalian kidney	3
63	Zoology	Slide- T.S. of mammalian trachea	3
62	Zoology	Slide- T.S. of mammalian liver	3
61	Zoology	Slide- T.S. of mammalian ileum	3
60	Zoology	Slide- T.S. of mammalian duodenum	3
59	Zoology	Slide- T.S. of mammalian stomach	3
58	Zoology	Slide- T.S. of mammalian oesophagus	3
57	Zoology	Museum Specimens - Trochophore larva	3
56	Zoology	Museum Specimens - Heteronereis	3
55	Zoology	Museum Specimens - Aphrodite	3
54	Zoology	Museum Specimens - Nereis	3
53	Zoology	Museum Specimens - Antedon	3
52	Zoology	Museum Specimens - Cucumaria	3
51	Zoology	Museum Specimens - Echinus	3
50	Zoology	Museum Specimens - Clypeaster	3
49	Zoology	Museum Specimens - Ophiura	3
48	Zoology	Museum Specimens - Pentaceros	3
47	Zoology	Museum Specimens - Nautilus	3
46	Zoology	Museum Specimens - Octopus	3

Thoubal College, Specification for Lab. Equipment of Physics & Chemistry

SI No.	Subject	Items with detailed specifications	Qty
1	Physics	Logic Gate Circuit Training Kit	3
2	Physics	Series and Parallel Combination Verification LCR	3
3	Physics	To verify Network Theorem:(i) Thevenin, (ii) Norton,	3
		(iii) Superposition, (iv) Maximum Power Transfer Theorem	
4	Physics	Digital Oscilloscope (DSC) Double	1
5	Physics	Male to Male, male to female jumper wires C pin, length 180m	
6	Physics	Single Strain Wire 500 mm	3
7	Physics	IC 7404 NOT	3
8	Physics	74LS76 Dual JK flip-flop	3
9	Physics	74HC174 D-type flip-flop	3
10	Physics	NE 555 Timer IC dip-8 package	3
11	Physics	IC 4013 D flip-flop	3
12	Physics	74LS 83 4-Bat Binary full adder IC	3
13	Physics	IC 7400 Nand Gate	3
14	Physics	IC 7402 NOR	3
15	Physics	IC7408 AND Gate	3
16	Physics	IC7432 OR	3
17	Physics	IC7486 XOR	3
18	Physics	IC747266 XNOR	3
19	Physics	8085 Microprocessor Training Kit with Inbuilt Power Supply	
20	Chemistry		1
21	Chemistry	Copper Calorimeter (wooden Box type)	1

Annexure - I

C.I. College, Specification for Lab. Equipment of Life Science

Zoology	Museum Specimens - Obelia Museum Specimens - Physalia Museum Specimens - Mellipora Museum Specimens - Aurelia Museum Specimens - Tubipora Museum Specimens - Corallium Museum Specimens - Alcyonium Museum Specimens - Gorgonia Museum Specimens - Metridium Museum Specimens - Pennatula Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora Museum Specimens - Madrepora Museum Specimens - Sycon	Qty 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Zoology	Museum Specimens - Mellipora Museum Specimens - Aurelia Museum Specimens - Tubipora Museum Specimens - Corallium Museum Specimens - Alcyonium Museum Specimens - Gorgonia Museum Specimens - Metridium Museum Specimens - Pennatula Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora	3 3 3 3 3 3 3 3 3
Zoology	Museum Specimens - Aurelia Museum Specimens - Tubipora Museum Specimens - Corallium Museum Specimens - Alcyonium Museum Specimens - Gorgonia Museum Specimens - Metridium Museum Specimens - Pennatula Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora	3 3 3 3 3 3 3 3
Zoology	Museum Specimens - Tubipora Museum Specimens - Corallium Museum Specimens - Alcyonium Museum Specimens - Gorgonia Museum Specimens - Metridium Museum Specimens - Pennatula Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora	3 3 3 3 3 3 3
Zoology	Museum Specimens - Corallium Museum Specimens - Alcyonium Museum Specimens - Gorgonia Museum Specimens - Metridium Museum Specimens - Pennatula Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora	3 3 3 3 3 3 3
Zoology	Museum Specimens - Alcyonium Museum Specimens - Gorgonia Museum Specimens - Metridium Museum Specimens - Pennatula Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora	3 3 3 3 3 3
Zoology Zoology Zoology Zoology Zoology Zoology Zoology Zoology Zoology	Museum Specimens - Gorgonia Museum Specimens - Metridium Museum Specimens - Pennatula Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora	3 3 3 3 3
Zoology Zoology Zoology Zoology Zoology Zoology Zoology	Museum Specimens - Metridium Museum Specimens - Pennatula Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora	3 3 3 3
Zoology Zoology Zoology Zoology Zoology	Museum Specimens - Pennatula Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora	3 3 3
Zoology Zoology Zoology Zoology Zoology	Museum Specimens - fungia Museum Specimens - Meandrina Museum Specimens - Madrepora	3
Zoology Zoology Zoology Zoology	Museum Specimens - Meandrina Museum Specimens - Madrepora	3
Zoology Zoology Zoology	Museum Specimens - Madrepora	
Zoology Zoology		3
Zoology	Museum Specimens - Sycon	
		3
7-1	Museum Specimens - Hyalonema	3
Zoology	Museum Specimens - Spongilla	3
Zoology	Museum Specimens - Fasciola	3
Zoology	Museum Specimens - Taenua	3
Zoology	Museum Specimens - Ascaris	3
	Slide- T.S. of sycon	3
the state of the s	Slide- L.S. of sycon	3
Zoology	Slide- T.S. of Metridium	3
Zoology	Slide- W.M. of Euglena	3
Zoology	Slide- W.M. of Amoeba	3
Zoology	Slide- W.M. of Paramecium	3
THE RESERVE AND ADDRESS OF THE PARTY OF THE		3
THE RESERVE THE PERSON NAMED IN		3
Zoology	Museum Specimens - Palaemon	3
Zoology	Museum Specimens - Daphnia	3
		3
Zoology		3
	Museum Specimens - Cancer	, 3
-	Museum Specimens - Eupagurus	3
the second second second second second		3
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Zoology		3
Zoology	Museum Specimens - Doris	3
		3
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THE RESERVE THE PERSON NAMED IN		3
THE RESERVE TO SHARE THE PARTY OF THE PARTY		3
	Zoology	Zoology Museum Specimens - Fasciola Zoology Museum Specimens - Taenua Zoology Museum Specimens - Ascaris Zoology Slide- T.S. of sycon Zoology Slide- L.S. of sycon Zoology Slide- W.M. of Euglena Zoology Slide- W.M. of Euglena Zoology Slide- W.M. of Paramecium Zoology Slide- W.M. of Paramecium Zoology Museum Specimens - Limulus Zoology Museum Specimens - Palamnaeus Zoology Museum Specimens - Palamnaeus Zoology Museum Specimens - Balanus Zoology Museum Specimens - Balanus Zoology Museum Specimens - Sacculina Zoology Museum Specimens - Eupagurus Zoology Museum Specimens - Scolopendra Zoology Museum Specimens - Scolopendra Zoology Museum Specimens - Peripatus Zoology Museum Specimens - Peripatus Zoology Museum Specimens - Peripatus Zoology Museum Specimens - Dentalium Zoology Museum Specimens - Dentalium Zoology Museum Specimens - Doris Zoology Museum Specimens - Helix Zoology Museum Specimens - Patella

			2
46	Zoology	Museum Specimens - Octopus	3
47	Zoology	Museum Specimens - Nautilus	3
48	Zoology	Museum Specimens - Pentaceros	3
49	Zoology	Museum Specimens - Ophiura	3
50	Zoology	Museum Specimens - Clypeaster	3
51	Zoology	Museum Specimens - Echinus	3
52	Zoology	Museum Specimens - Cucumaria	3
53	Zoology	Museum Specimens - Antedon	3
54	Zoology	Museum Specimens - Nereis	3
55	Zoology	Museum Specimens - Aphrodite	3
56	Zoology	Museum Specimens - Heteronereis	3
57	Zoology	Museum Specimens - Trochophore larva	3
58	Zoology	Slide- T.S. of mammalian oesophagus	3
59	Zoology	Slide- T.S. of mammalian stomach	3
60	Zoology	Slide- T.S. of mammalian duodenum	3
61	Zoology	Slide- T.S. of mammalian ileum	3
62	Zoology	Slide- T.S. of mammalian liver	3
63	Zoology	Slide- T.S. of mammalian trachea	3
64	Zoology	Slide- T.S. of mammalian lung	3
65	Zoology	Slide- T.S. of mammalian kidney	3
66	Zoology	Slide- T.S. of mammalian skin	3
67	Zoology	Slide- T.S. of mammalian cartilage	3
68	Zoology	Slide- T.S. of mammalian bone	3
69	Zoology	Slide- T.S. of mammalian spinal nerve	3
70	Zoology	Slide- T.S. of mammalian Pituitary	3
71	Zoology	Slide- T.S. of mammalian Thyroid	3
72	Zoology	Slide- T.S. of mammalian Parathyroid	3
73	Zoology	Slide- T.S. of mammalian testis	3
74	Zoology	Slide- T.S. of mammalian ovary	3
75	Zoology	Slide- T.S. of mammalian Pancreas	3
76	Zoology	Slide- T.S. of mammalian Adrenal	3
77	Zoology	Slide- T.S. of mammalian Nerve cell	3
78	Zoology	Coaxial Microscope Indian Objective	1
79	Zoology	Microscope Glass slides pk of 50 nos	3
80	Zoology	Microscope slide cover slips	3
81	Zoology	Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick embryo	3
82	Zoology	Slide- W.M. of blastula, gastrula of frog	3
83	Botany	STD-9 with 5 M.P Camera Superior Quality	1
84	Botany	Digital Analytical Weighing Balance, 0.01gm	1
85	Botany	PH Meter	1
86	Botany	Hot Plate with magnetic stirrer, 5L	1
87	Botany	Bunsen Burner Stop Clock	4
88	Botany	Micropipette (1-5 ml) Premium Plus, fully autoclavable	2
89	Botany	Digital Portable Pen Type pH meter	1
		Total	255

C.I. College, Specification for Lab. Equipment of Physics & Chemistry

SI No.	Subject	Items with detailed specifications	Qty
1	Physics	Logic Gate Circuit Training Kit	3
2	Physics	Series and Parallel Combination Verification LCR	3
.3	Physics	To verify Network Theorem:(i) Thevenin, (ii) Norton,	3
		(iii) Superposition, (iv) Maximum Power Transfer Theorem	
4	Physics	Digital Oscilloscope (DSC) Double	1
5	Physics	Male to Male, male to female jumper wires C pin, length 180m	
6	Physics	Single Strain Wire 500 mm	3
7	Physics	IC 7404 NOT	3
8	Physics	74LS76 Dual JK flip-flop	3
9	Physics	74HC174 D-type flip-flop	3
10	Physics	NE 555 Timer IC dip-8 package	3
11	Physics	IC 4013 D flip-flop	3
12	Physics	Single Strain Wire 500 mm	3
13	Physics	IC 7404 NOT	3
14	Physics	74LS76 Dual JK flip-flop	3
15	Physics	74HC174 D-type flip-flop	3
16	Physics	NE 555 Timer IC dip-8 package	3
17	Physics	IC 4013 D flip-flop	3
18	Physics	Single Strain Wire 500 mm	3
19	Physics	8085 Microprocessor Training Kit with Inbuilt Power Supply	
20	Chemistry	Microwave Oven,20L	1

Annexure-I Presidency College, Specification for Lab. Equipment of Life Science

SI No.	Subject	Items with detailed specifications	Qty
1	Zoology	Museum Specimens - Obelia	1
2	Zoology	Museum Specimens - Physalia	1
3	Zoology	Museum Specimens - Mellipora	1
4	Zoology	Museum Specimens - Aurelia	1
5	Zoology	Museum Specimens - Tubipora	1
6	Zoology	Museum Specimens - Corallium	1
7	Zoology	Museum Specimens - Alcyonium	1
8	Zoology	Museum Specimens - Gorgonia	1
9	Zoology	Museum Specimens - Metridium	1
10	Zoology	Museum Specimens - Pennatula	1
11	Zoology	Museum Specimens - fungia	1
12	Zoology	Museum Specimens - Meandrina	1
13	Zoology	Museum Specimens - Madrepora	1
14	Zoology	Museum Specimens - Sycon	1
15	Zoology	Museum Specimens - Hyalonema	1
16	Zoology	Museum Specimens - Spongilla	1
17	Zoology	Museum Specimens - Fasciola	1
18	Zoology	Museum Specimens - Taenua	1
19	Zoology	Museum Specimens - Ascaris	1
20	Zoology	Slide- T.S. of sycon	1
21	Zoology	Slide- L.S. of sycon	1
22	Zoology	Slide- T.S. of Metridium	1
23	Zoology	Slide- W.M. of Euglena	1
24	Zoology	Slide- W.M. of Amoeba	1
25	Zoology	Slide- W.M. of Paramecium	1
26	Zoology	Museum Specimens - Limulus	1
27	Zoology	Museum Specimens - Palamnaeus	1
28	Zoology	Museum Specimens - Palaemon	1
29	Zoology	Museum Specimens - Daphnia	1
30	Zoology	Museum Specimens - Balanus	1
31	Zoology	Museum Specimens - Sacculina	1
32	Zoology	Museum Specimens - Cancer	1
33	Zoology	Museum Specimens - Eupagurus	1
34	Zoology	Museum Specimens - Scolopendra	1
35	Zoology	Museum Specimens - Julus	1
36	Zoology	Museum Specimens - Bombyx	1
37	Zoology	Museum Specimens - Peripatus	1
38	Zoology	Museum Specimens - Chiton	1
39	Zoology	Museum Specimens - Dentalium	1
40	Zoology	Museum Specimens - Doris	1
41	Zoology	Museum Specimens - Helix	1
42	Zoology	Museum Specimens - Unio	1
43	Zoology	Museum Specimens - Patella	1
44	Zoology	Museum Specimens - Pinctada	1
45	Zoology	Museum Specimens - Sepia	1

46	Zoology	Museum Specimens - Octopus	1
47	Zoology	Museum Specimens - Nautilus	1
48	Zoology	Museum Specimens - Pentaceros	1
49	Zoology	Museum Specimens - Ophiura	1
50	Zoology	Museum Specimens - Clypeaster	1
51	Zoology	Museum Specimens - Echinus	1
52	Zoology	Museum Specimens - Cucumaria	1
53	Zoology	Museum Specimens - Antedon	1
54	Zoology	Museum Specimens - Nereis	1
55	Zoology	Museum Specimens - Aphrodite	1
56	Zoology	Museum Specimens - Heteronereis	1
57	Zoology	Museum Specimens - Trochophore larva	1
58	Zoology	Slide- T.S. of mammalian oesophagus	1
59	Zoology	Slide- T.S. of mammalian stomach	1
60	Zoology	Slide- T.S. of mammalian duodenum	1
61	Zoology	Slide- T.S. of mammalian ileum	1
62	Zoology	Slide- T.S. of mammalian liver	1
63	Zoology	Slide- T.S. of mammalian trachea	1
64	Zoology	Slide- T.S. of mammalian lung	1
65	Zoology	Slide- T.S. of mammalian kidney	1
66	Zoology	Slide- T.S. of mammalian skin	1
67	Zoology	Slide- T.S. of mammalian cartilage	1
68	Zoology	Slide- T.S. of mammalian bone	1
69	Zoology	Slide- T.S. of mammalian spinal nerve	1
70	Zoology	Slide- T.S. of mammalian Pituitary	1
71	Zoology	Slide- T.S. of mammalian Thyroid	1
72	Zoology	Slide- T.S. of mammalian Parathyroid	1
73	Zoology	Slide- T.S. of mammalian testis	1
74	Zoology	Slide- T.S. of mammalian ovary	1
75	Zoology	Slide- T.S. of mammalian Pancreas	1
76	Zoology	Slide- T.S. of mammalian Adrenal	1
77	Zoology	Slide- T.S. of mammalian Nerve cell	1
78	Zoology	Coaxial Microscope Indian Objective	2
79	Zoology	Microscope Glass slides pk of 50 nos	1
80	Zoology	Microscope slide cover slips	1
81	Zoology	Slide- W.M. of 18, 24, 36, 48 and 72 hrs chick embryo	1
82	Zoology	Slide- W.M. of blastula, gastrula of frog	1
83	Botany	Binocular Compound Microscope,STD-9	2
84	Botany	Horizontal Gel Electrophoresis	2
85	Botany	PH Meter	2
86	Botany	Hot Plate with magnetic stirrer, 5L	2
87	Botany	Micropipette (1-5 ml) Premium Plus, fully autoclavable	4

Presidency College, Specification for Lab. Equipment of Physics & Chemistry

SI No.	Subject	Items with detailed specifications	Qty
1	Physics	Logic Gate Circuit Training Kit	1
2	Physics	Series and Parallel Combination Verification LCR	1
3	Physics	To verify Network Theorem:(i) Thevenin, (ii) Norton,	1
		(iii) Superposition, (iv) Maximum Power Transfer Theorem	G.
4	Physics	Male to Male, male to female jumper wires C pin, length 180m	4
5	Physics	Single Strain Wire 500 mm	1
6	Physics	IC 7404 NOT	1
7	Physics	74LS76 Dual JK flip-flop	1
8	Physics	74HC174 D-type flip-flop	1
9	Physics	NE 555 Timer IC dip-8 package	1
10	Physics	IC 4013 D flip-flop	1
11	Physics	Single Strain Wire 500 mm	6
12	Physics	IC 7404 NOT	6
13	Physics	74LS76 Dual JK flip-flop	6
14	Physics	74HC174 D-type flip-flop	6
15	Physics	NE 555 Timer IC dip-8 package	6
16	Physics	IC 4013 D flip-flop	6
17	Physics	Single Strain Wire 500 mm	6
18	Physics	8085 Microprocessor Training Kit with Inbuilt Power Supply	2
19	Chemistry		2
20	Chemistry	Colorimeter	5