

ANANTRAO KANASE

HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL

(Recognized by -Central Council of Homoeopathy, New Delhi &
Affiliated to Maharashtra University of Health Sciences, Nashik)

Alephata , Tal - Junnar, Dist - Pune, Pin- 412411, Tel- 7028196080, E-mail-akhmcr@hotmail.com, Website-www.akhmc.org

Principal : Dr. GHOLAP K.V. M. D. (Hom.),CCMP.

DEPARTMENT OF PHYSIOLOGY

Departmental Teaching Staff

Professor & H.O.D. :- Dr. Gholap Kamlesh V.

Assistant Prof. :-Dr. Rodrigues Amrita L.

AREA STATEMENT (SIZE)

S. No.	Items	CCH Requirement	Available	Room No	Location	Remark
1	HOD Room	90 sq.mt.	15.5 sq.mt.	505	Building No.2 First Floor	34.74 Sq.mt. excess
2	Laboratoriesfor Physiology.		40.92 sq.mt.	506	Building No.2 First Floor	
3	Laboratory for Biochemistry.		44.64 sq.mt.	506 A	Building No.2 First Floor	
4	Museum cum Demonstration Room		23.68 sq.mt.	506 B	Building No.2 First Floor	
Total Area			124.74 sq.mt			



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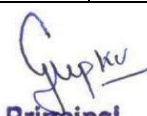
DEPARTMENT OF PHYSIOLOGY

INSTRUMENTS & EQUIPMENTS

S. No.	Items	CCH Requirement	Available	
1	Medical Microscope	25	30	
2	Equipment for ESR estimation/ Wintergreen's pipette for ESR on stand	25 (With Spare pipettes)	50	
3	Haematocrit tubes	30 (with spares)	30	
4	Auto Analyzer or Semi Auto Analyzer	1	1	
5	Haemoglobinometer Sahil	25 (With Spare)	35	
6	Haemocytometer	25 (With Spare)	35	
7	Sphygmomanometer	25	25	
8	Stethoscope	25	30	
9	Clinical thermometer (Digital)	25	Simple - 23 Digital - 27	
10	Knee hammer	25	25	
11	Tuning forks to test hearing (32-10000 hzs)	01 set	04 set	
12	Stethographs or pneumographs	5	5	
13	Electrocardiograph (ECG Machine)	1	1	
14	Electronic Stop Watches 1/10 sec.	4	4	
15	Glass Distillation (double) apparatus	1	2	
16	Centrifuge (Medium speed)	2	2	
17	Colorimeter (photo electric)	2	2	
18	pH Meter Pentype	2	2	Electric
19	Colour perception lantern (Edridge Green)	1	1	
20	Incubator	1	1	
21	Educational CD	As required	10	
	DVD		10	
	Films		50	In Laptop
	Slides		50	O.H.P. transperancis
	Models		16	
	Audio Visual Aids - 1) PPT 2) OHP Transparencies		PPT - 50 OHP Tra. - 500	
22	Perimeter	3	3	
23	Spirometer	1	3	

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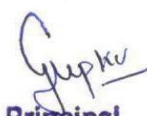
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24	Tonometer	1	1	
25	Handgrip dynamometer	1	1	
26	Bicycle Ergometer	1	1	
Biochemistry				
1	Electronic/Monopan Balance	1	2	
2	Centrifuge	1	1	
3	Balance, chemical/ordinary	2	2	
4	Water baths	2	2	
5	Urinometer	25	27	
6	Hydrometer (0.700 to 1.00)	2	2	
7	Albuminometers	10	20	
8	Glucometer	10	13	
9	Thermometer	10	23	
10	Colorimeter	1	2	
11	Hot air oven 14"x14"X14" (Electric)	1	1	
12	Double Distillation apparatus Glass	10	10	
13	Centrifuge, medium speed, electric	1	1	
14	Glass ware like		116	
	Pipette,		80	
	Beakers,		30	
	Burettes,		6	
	Wire gouge with asbestos,	As required	33 Stand - 09	
	Centre hot plate		1	
	Stove		1	
	Syringe		100	
	Burners		15	
	Rubber tubing		14	
	Stands clamps		15	
15	pH meter	1	1	
16	Books		55	
17	Total Number of Charts		96	
18	List of Chemicals		99	
19	Furniture		11	




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DEPARTMENT OF PHYSIOLOGY

Departmental Library Total- 55

Sr. No.	Name of Books	Author
1	Principles of Anatomy & Physiology	Tortora
2	Text book of Biochemistry	DM Vasudevan
3	Medical Psysiology	K. Sembulingam
4	Medical Psysiology	K. Sembulingam
5	Medical Psysiology	K. Sembulingam
6	Medical Physiology	K. Sembulingam
7	Medical Physiology	Guyton & Hall
8	Essential Pediatrics	O.P. Ghai
9	Human Anatomy	B.D. Chaurasia
10	Medical Physiology	Chaudhuri
11	Human Physiology Vol II (11 th Edition)	C.C. Chatterjee
12	Human Physiology Vol I (11 th Edition)	C.C. Chatterjee
13	Physiology Vol I (13 th Edition)	C.C. Chatterjee
14	Physiology Vol II (13 th Edition)	C.C. Chatterjee
15	Practical Physiology	Dr. Geeta
16	Physiology ECG	P.J. Mehta
17	Fundamentals of Biochemistry	Dr. A.C. Deb
18	Clinical Biochemistry	Saini kaur
19	Medical Physiology	Ganong
20	Concepts of Medical Physiology	Shakeb Danish
21	Practical Physiology	Vijaya Joshi
22	Practical Physiology	V.G Ranade
23	On the horizon of Adulthood	Prakash .B
24	Essential Pediatrics	OP Ghai
25	Pregnancy at risk	Usha Krishna
26	Roentgen signs	Meschan
27	Oxford handbook of clinical medicine	R.A. Hope
28	Clinical Methods	Huntchison
29	Clinical medicine	Chamberlin's
30	Practical biochemistry	Nath
31	Manual of practical physiology	Shrivastava
32	Review in Medical physiology	Mohini .K



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33	MCQ in biochemistry	Rashmi .J
34	Viva in human physiology	Vidya .R
35	Human physiology	B. Jain
36	Textbook of Anatomy vol III	Inderbirsingh
37	Anatomy of CNS	Ajay bhagat
38	Cunninghams	G.J. Romanes
39	Clinical method in surgery	K. Das
40	Short textbook of ENT Disease	K.B. Bhargava
41	Antibiotic essential	Burke
42	Obstetrics &Gynaecology	Churchills
43	Practical physiology & pathology	Mahesh .V
44	Management of severe malaria	H.M. Gills
45	HIV Disease in pregnant women	
46	Sexually transmitted disease	
47	Migrane half the head in pain	
48	Neck pain	V.T. Inghalikar
49	Manual of acute orthopedic	L.D. Inversen
50	Therapeutics compendium	
51	Respiratory tract infection	Robert C.
52	Pain clinical aspects	U.N. panda
53	Painful muscle spasms	Vinod Aggarwal
54	Floliarneumatologica	F. Wollheim
55	Short subjects	Arora

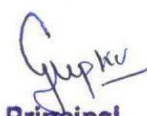
Models

Total - 16

Sr. No	Models Name	Qty
1	Structure of eye ball	1
2	A.N.S	1
3	Structure of Neuron	1
4	Reflex Arc	1
5	Structure of Ear	1
6	Internal Structure of heart	1
7	structure of neuron	1
8	Lungs	1
9	Internal Structure of heart	1

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10	Endocrine glands	1
11	Hepatic lobules	1
12	Transport of O ₂	1
13	Cerebrum	1
14	Menstrual cycles	1
15	Spermatogenesis	1
16	Hormones	1

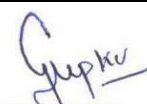
List of Chemical

Total - 99

Sr No.	Chemical List	Qty
1	Nitric Acid 500ml	1
2	Nitric Acid 500ml	1
3	Nitric Acid 500ml	1
4	Benzene 500ml	1
5	Aniline 500ml	2
6	Sodium Tungstate 250ml	1
7	Ammonium Sulphate 500ml	2
8	Methyl Violet Powder 250gm	3
9	Nessler's Reagent 125ml x 500ml	2x2
10	RBC Delutating fluid 500ml	2
11	Paraffine Liquid 500ml	4
12	Barfoed's Reagent 500ml	1
13	Ammonia Solution 500ml x 450ml	1 x 1
14	Fehling Solution 500ml	5
15	Methyl Red Solution 125ml	4
16	Silver Nitrate 25gms	2 Pkt
17	Ferric Chloride 500gms	3
18	Iodine 100ml	2
19	Picric Acid 500gms	2
20	Acetic Acid Glacial 500ml	5
21	Acetic Acid Glacial 500ml	5
22	Ethyl Alcohol Ethanol 500ml	1

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23	CC Naphthol	2
24	Hydrochloric Acid 500ml	3
25	Naoh 500ml x 500gms Powder	1
26	Sulphuric Acid 500ml	3
27	Sodium nitropruside Dihydrate Purified 100gms	3
28	NS 500ml	1
29	Millions Reagent 100ml x 500ml	1x2
30	Benzidine Powder 100gms	1
31	Phenol Red Solution 500ml	1
32	Benedict's Reagent 500ml	2
33	Nylender's Reagent 500ml	1
34	Formaline 500ml	3
35	Fructose 500gms	2
36	Dextrine 500gms	2 PKT
37	Strach 500gms	3 PKT
38	Maltose 500gms	3 pkt
39	Lactose 500gms	1 PKT
40	Sucrose 500gms	2 PKT
41	Glucose 500gms	2 Pkt
42	Liquid Ammonia 500ml	1
43	E.D.T.A 100gms	2
44	Barium Chloride 500gms	1 Pkt
45	Sodium Nitrate 500 gms	2 Pkt
46	Sodium Citrate 500 gms	1 PKT
47	Sodium Bicarbonate 500gms	3 pkt
48	Ammonium Ferrous Sulphate 500gms	1pkt
49	Magnesium Sulphate 500gms	2 pkt
50	Sodium Sulphate 500 gms	1 pkt
51	Copper Sulphate 500 gms	3 pkt
52	Calcium Sulphate 500 gms	1 pkt
53	Sodium Carbonate 500 gms	2 pkt
54	Lead Acetate 500gms	3 pkt
55	Esbach Reagent 500 ml	2



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56	PottasiumFerrycinide 100gms	8
57	Moliscli's Reagent 125ml	1
58	Chlorine Water 500ml	1
59	Ammonium Chlorine 500 gms	2
60	Sodium Bronide 500 gms	1
61	Cadmium Nitrate 100gms	6
62	Methylene Blue 100ml	2
63	Cadmium Chloride 500gms	2
64	Sulphosaleyric Acid 500gms	3
65	Hydrogen Peroxide 500ml	2
66	Saliwinoff's reagent 500gms	1
67	Universal Indicator Solution 500ml	2
68	Pottasium Chloride 500gms	1
69	Salicylic Acid 500gms	2
70	PottasiumPermagnate 500gms	2 pkt
71	Copper Turnning 500gms	2
72	Nitro Aniline 500ml	1
73	Pottasium Carbonate 500 gms	1
74	B-Napthol 500 gms	1
75	CapricSulphate 500gms	1
76	Ammonium Ferrous Sulphate 500gms	1
77	Phenolphthaline 500ml x 100 gms Powder	1 +2
78	Xylens 500ml	1
79	Benzoic Acid 500gms	1
80	Boric Acid 500 gms	1
81	Borax 500gms	1
82	PottasiumBisulphate 500gms	1
83	Ammonium Sulphate 500gms	2
84	Oxalic Acid Dihydrate 500gms	1
85	Ammonium Molybdate 100gms	2
86	Citric Acid Hydrate Cryst 500gms	1
87	Formaldehyde	1
88	Benzidene Powder	1



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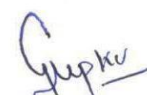
89	Sodium Hydroxide Solution	1
90	Asid Sulphate	1
91	Acetic Acid Glacial	2
92	Ammonium Oxalate	1
93	Acetene	1
94	Sulphur Powder	1
95	Potassium Ferricyani	2
96	Potassium Oxalate	1
97	2-4 Dinitro Phenyl Hydrazine	1
98	Mercury	1
99	Lead Powder	2

List of Charts

Total -96

Sr.No.	Name Of Chart
1	Neuron Anatomy
2	Neuron Classification
3	Pituitary Gland
4	Hypothalamus + Pituitary Gland
5	Liver
6	Aspexia and Apoxia
7	Acidosis and Alkalosis
8	Transverse section of Adrenal Gland
9	Cerebral cortex
10	Lungs
11	Female Reproductive system
12	Quadrants of Abdomen
13	Neuron
14	Anterior view of Liver
15	The Cardiac Cycle
16	Structure of Nephron
17	Human Endocrine Gland
18	Human Heart
19	Fasciculus Gracilis




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20	Fleschsig's and Gower's Tract
21 A	Deep Tendon Reflex
21 B	Uncrossed Cortico-Bulbar Tract
22	Pyramidal corticospinal Tract
23	Pyramidal Tract
24	Lateral Spinothalamic Tract
25 A	Anterior - Spinothalamic Tract
25 B	Track Of Burdach
26	Spermatogenesis
27	Regulation of Respiration
28	Lipids
29	Carbohydrates
30	Proteins
31	Hormones during Menstrual cycle
32	Visual Pathway
33	Metabolism
34	Haematopoiesis
35	Coagulation Of Blood
36	Pathways of Coagulation of Blood
37	MCV
38	Anemia Workup- MCV
39	Symptoms Of Anemia
40	Incubator
41	Hot Air Oven
42	Snellen's Chart
43	ANS
44	Blood Groups
45	Blood Groups
46	Human Ovary
47	Human Skin
48	Human Sperm
49	Blood Indices
50	Cardiac Cycle




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51	ANS
52	Layer Of Retina
53	Respiratory System
54 A	Platelets
54 B	Hormones of Anterior Pituitary
55	Extra- Pyramidal Tracts
56	Hand Dynamometer
57	PH meter
58	Bicycle Ergometer
59	Tonometer
60	Stethograph/ Pneumograpgh
61	Urinometer
62	Hydrometer
63	Albuminometer Tube
64	Perimeter
65	Color Perception lantern
66	Spirometer
67	Photoelectric Calorimeter
68	Centrifuge
69	Water Bath
70	Autoanaylser
71	Double distillation Glass Apparatus
72	Platelet Formation
73	Neuron
74	Nature Reviws Cardiology
75	Components of Blood
76	Deficiencies
77	Neuron Anatomy
78	Anemia Workup - MCV
79	Sympathetic and Parasympathetic Nerve Fibers
80	Cardiac Cycle
81	Steps of Cardiac Cycle
82	Clot Formation




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83	Coagulation Of Blood
84	Coagulation Pathway
85	Relationship between blood types and antibodies
86	Blood group
87	Cardiac output
88	Blood groups
89	Neuron classification
90	Digestive system
91	Menstrual cycle
92	Cardiac cycle
93	Hypothalamus + pituitary gland

DEPARTMENT OF PHYSIOLOGY INCLUDING BIOCHEMISTRY

DETAILS OF FURNITURE- HOD ROOM

Sr. No.	Name of Item	Total Nos.
1	Office Table	1
2	Rolling Chairs	1
3	Chair	2
4	Fan	1
5	Cupboard	4
6	Rack	2

DEPARTMENT OF PHYSIOLOGY INCLUDING BIOCHEMISTRY

DETAILS OF FURNITURE- LABROTORIES

Sr. No.	Name of Item	Total Nos.
1	Office Table	2
2	Fan	4
3	Tube Light	4
4	Wooden Rack	10
5	Rolling Chairs	1
6	Stull	25



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