

SANMITRA MANDAL, CHANDRAPUR

P. B. Homoeopathic Medical College & Hospital, Chandrapur

Pathanpura Gate, At Arwat, Post Marda Ta. Dist. Chandrapur

E-mail Address :- pbhmc@rediffmail.com, pbhmcchandrapur@gmail.com

Recognized by National Commission for Homoeopathy Central Govt. of India New Delhi & Maharashtra
Govt. of Mumbai Affiliated to Maharashtra University of Health Sciences, Nashik

Ref No. : PBHMC&H/

/2026

Date : / /2026

DEPARTMENT OF HUMAN PHYSIOLOGY & BIOCHEMISTRY (Annexure 14)				
Details of item sof Equipment- NCH (MES) Regulation setc available as per Schedule Regulations,				
S No	Items	Required	Available in number	Verified
Space for teachers and supporting staff, demonstration room, laboratories, museum and departmental library-175 sq. mtr.				
1	For human experiments:			
1)	Medical microscope with oil immersion	25	25	
2)	Equipment for Erythrocyte sedimentation rate estimation or west ergren's pipette for Erythrocyte sedimentationrateon stand	25 (with spare pipettes)	25	
3)	Haematocrittubes	35	35	
4)	Sahli'shaemoglo binometer	35	25	
5)	Haemocytometer	25	25	
6)	Sphygmomanometer	25	25	
7)	Stethoscope	25	25	
8)	Clinicalthermometer(digitalor mercury)	25	25	
9)	Kneehammer	25	25	
10)	Tuning for kstotesthearing(32-10000 hzs)	1 set	1 set	
11)	Electrocardiograph(ECGmachine)	1	1	
12)	Electronicstopwatches1/10sec.	04	04	
13)	Glassdistillation(double)apparatus	01	01	
14)	Centrifuge	01	01	
15)	Colorimeter(photoelectric)	02	02	
16)	Phmeterelectric	02	02	

17)	Color perception lantern (edridge green)	01	01	
18)	Educational compact disc, digital videodisc, films, slides, models with audio visual aids	As required	Available	
19)	Perimeter	01	01	
20)	Spirometer	01	01	
21)	Tonometer	01	01	
22)	Hand grip dynamometer	01	01	
23)	Bicycle ergometer	01	01	
2	Detail of Teaching Faculty			
Teaching Staff				
	Designation	Name of faculty		Verified
	Professor	--		
	Associate professor	--		
	Assistant professor	Dr. Sagar Bhandari		
		Dr. Parag Dorlikar		
Non-teaching Staff				
	Laboratory attendant	Ku. Sakshi Wankhede		
	Laboratory technician	Dr. Veena Shende		
	Multi-Tasking Staff	Mr. Rahul Dhamange		

3	BIOCHEMISTRY		Available	Verified
	1	Electronic common pan balance	01	01
	2	Centrifuge	01	01
	3	Balance, chemical or ordinary	01	01
	4	Water baths	01	01
	5	Urinometer	25	25
	6	Chemicals: (a) Iodine (b) Ammonium oxalate (c) Barium chloride (d) Silver nitrate (e) Sodium hydroxide (f) Mercuric sulphate (g) Salicylic acid	As required	Available
	7	Hydrometer (0.700 to 1.00)	02	02
	8	Albuminometers	10	10
	9	Glucometer	10	10
	10	Thermometer	10	10
	11	Colorimeter	01	01
	12	Hot air oven 14" x 14" x 14" (electric)	01	01
13	Glass ware like pipette, beakers, burettes, wire gauze with asbestos, center hot plate, stove, syringes, burners, rubber tubing stands clamps, flash etc.	As required	Available	

14	Ph(Potentialofhydrogen)meter	01	01	
15	Binocularresearchmicroscope	02	01	
16	Stethoscope:demonstrationwith multiple pieces	02	02	
17	Ophthalmoscope	01	01	
18	Otorhinolaryngoscope	01	01	
19	Revolvingstools, metal	45	45	

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DEPARTMENT OF PHYSIOLOGY

Equipment list

Infrastructural Information

Physiology Department Room	Yes
HOD Room	Yes, In Department
Physiology Laboratory	Yes, In Department
Biochemistry Laboratory	Yes, In Department
Museum	Yes
Demonstration Room	Yes

APPENDIX - 3

List of equipment required for physiology lab

Sr. No.	Name of the article	Quantity	Available
1.	Medical microscope with oil immersion	25	25
2.	Equipment for Erythrocyte sedimentation rate estimation or westergren's pipette for Erythrocyte sedimentation rate on stand	25 (with spare pipettes)	25
3.	Haematocrit tubes	35	35
4.	Sahli's haemoglobinometer	35	25
5.	Haemocytometer	25	25
6.	Sphygmomanometer	25	25

7.	Stethoscope	25	25
8.	Clinical thermometer (digital or mercury)	25	25
9.	Knee hammer	25	25
10.	Tuning forks to test hearing (32-10000hzs)	1 set	01
11.	Electrocardiograph (ECG machine)	1	01
12.	Electronic stop watches 1/10 sec.	04	04
13.	Glass distillation (double) apparatus	01	01
14.	Centrifuge	01	01
15.	Colorimeter (photo electric)	02	02
16.	Ph meter electric	02	02
17.	Color perception lantern (deride green)	01	01
18.	Educational compact disc, digital video disc, films, slides, models with audio visual aids	As required	Available
19.	Perimeter	01	01
20.	Spirometer	01	01
21.	Tonometer	01	01
22.	Handgrip dynamometer	01	01
23.	Bicycle ergometer	01	01

APPENDIX - 4

Requirements for biochemistry

Sr. No	Name of the article	Quantity	Available
1.	Electronic or monopan balance	01	01
2.	Centrifuge	01	01
3.	Balance, chemical or ordinary	01	01
4.	Water baths	01	01
5.	Urinometer	25	25

	Chemicals: (a) Iodine (b) Ammonium oxalate (c) Barium chloride (d) Silver nitrate (e) Sodium hydroxide (f) Mercuric sulphate (g) Salicylic acid	As required	Available
7.	Hydrometer (0.700 to 1.00)	02	02
8.	Albuminometers	10	10
9.	Glucometer	10	10
10.	Thermometer	10	10
11.	Colorimeter	01	01
12.	Hot air oven 14 x14 x14 (electric)	01	01
13.	Glass ware like pipette, beakers, burettes, wire gouge with asbestos, center hot plate, stove, syringes, burners, rubber tubing stands clamps, flash etc.	As required	Available
14.	Ph (Potential of hydrogen) meter	01	01
15.	Binocular research microscope	02	01
16.	Stethoscope: demonstration with multiple pieces	02	02
17.	Ophthalmoscope	01	01
18.	Otorhinolaryngoscope	01	01
19.	Revolving stools, metal	45	45

Equipment Provided

Details of items/Equipment etc. available as per Schedule-III of HCC (MSR) Regulations, 2024			
Sr. No.	Items	Required	Available
1.	<u>For human experiments:</u>		25
2.	1. Medical Microscope	25	
	2. Equipment for ESR estimation/ Westergren's pipette for ESR on stand	25 (with spare pipettes)	25
	3. Hematocrit tubes	30 (with spare)	30
	4. Auto Analyzer or Semi Auto Aalyzer	01	01
	5. Haemoglobinometer (Sahli)	25 (with spare)	25

6.	Haemocytometer	25 (with spare)	25
7.	Sphygmomanometer	25	25
8.	Stethoscope	25	25
9.	Clinical thermometer (Digital)	25	25
10.	Knee hammer	25	25
11.	Tuning forks to test hearing (32-1000hzs)	1set	1set
12.	Stethographs or pneumographs	5	5
13.	Electrocardiograph (ECG Machine)	1	1
14.	Electronic Stop Watches (1/10sec.)	4	4
15.	Glass Distillation (double) apparatus	1	1
16.	Centrifuge (Medium speed)	2	2
17.	Colorimeter (photo electric)	2	2
18.	pH Meter (electric)	1	
3.	Biochemistry		
1.	Electronic/Monopan Balance	1	1
2.	Centrifuge	1	1
3.	Balance, chemical/ordinary	2	2
4.	Water baths	2	2
5.	Urinometer	25	25
6.	Hydrometer	2	2
7.	Albuminometers	10	10
8.	Glucometer	10	10
9.	Thermometer	10	10
10.	Colorimeter	1	1
11.	Hot air oven 14"x14"x1" (Electric)	1	1

	12.	Double Distillation apparatus (Glass)	1	1
	13.	Centrifuge, medium speed (Electric)	1	1
	14.	Glass ware like		Available
		Pipette,	As required	Available
		Beakers		Available
		Burettes		Available
		Wire gauze with asbestos	As required	Available
		Centre hot plate	As required	Available
		Stove	As required	Available
		Syringes	As required	Available
		Burners	As required	Available
		Rubber tubing	As required	Available
		Stands	As required	Available
		Clamps	As required	Available
		Flask	As required	Available
	15.	pH meter	1	1
4.	Number of additional items available			Available
5.	Total number of Charts			Available