

SANMITRA MANDAL

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 PATHOLOGY & MICRO BIOLOGY(Annexure19)				
Spaceforteachersandsupportingstaff,demonstrationroom,laboratories,museumanddepartmental library-175 sq. mtr.				
DetailsofitemsofEquipmentetcavailableasperNCH(MES)Regulations				
S. No	Items	Required	Available innumber	VERIFIED
1.	Hot air oven (50°C) for special standing	1	Not available	
2.	Centrifuge machine electricrototfix	2	03	
3.	Waterbath,electric	4	04	
4.	Glassware	As required	As required	
5.	Beaker100ml	30 pcs	08	
6.	Glass cylinder100ml	30 pcs	05	
7.	Testtubes (6' × ½")	100 pcs	100	
8.	Testtubes(4" × ½")	100 pcs	00	
9.	Glassrods (1feet)	30 pcs	10	
10.	10.Glasss lides (microscopy)	200 pcs	1000	
11.	Glass coverslip	300 pcs	50	
12.	Glass dropper	30 pcs	60	
13.	Conical flask	15 pcs	05	
14. A	Stains:-	As Required		
	Leishmanstain		07	
	Buffersolution		00	
	Deionizedwater		01	
B	Gramstain:-	As Required		
	Crystalviolet		03	

	Gram's iodine		03	
	Acetone		00	
	Safranin		02	
C	Ziehl-nelsen stain: -	As Required		
	Carbol-fuchsin		02	
	Concentrated sulphuric acid		00	
	Methylene blue		00	
D	Heat & acetic acid test: - For presence of albumin in urine	As Required	00	
	96% glacial acetic acid		00	
	Deionized water		00	
E	Benedict's qualitative test: - For presence of sugar in urine	As Required		
	Benedict's qualitative reagent		02	
F	Rothera's test: - For presence of ketone bodies in urine.	As Required	00	
	Ammonium sulphate		00	
	Sodium nitroprusside		00	
	Liquor ammonia		00	
G	Total WBC count: -	As Required		
	WBC diluting fluid		02	
H	Total RBC count	As Required	02	
	RBC diluting fluid		02	
I	Hemoglobin estimation by colorimeter	As Required	02	
J	Drabkin's solution	As Required	00	
K	Hb standard	As Required	00	
L	N/10 hydrochloric acid (HCL) by acid	As Required	02	
M	Haematin method by Sahli's haemoglobinometer	As Required	32	
15.	Blood grouping reagent anti A, anti B, anti D:	As required	01	
16.	For stool test for ova, parasite, cyst Lugol's iodine	As required	00	
17.	Material for preparing media: -			

	Nutrientagarmedia;	Asrequired	00	
	Macconkey'smedia		00	
	Lowensteinjensenmedia(LJ media);		00	
	Sterilepetridish(glassorplastic);		05	
	Nichromewireloop holder;		00	
	Deionizedwater.		01	
18.	Materials required for histopathology:			
	Mechanicalrotarymicrotome	01	01	
	Hotairoven	01	01	
	Waterbath	01	04	
	Chemicals:	Acetone	AsRequired	00
		2-propanol		00
		Xylene		00
		Dpxmountant		00
		Formaldehyde 37%		00
		Glycerol		00
		Formicacid85%		00
		Papanicolaou solution		00
		Methyleneblue		00
	Coverglassslip: 22 × 22mm /18 × 18 mm	Slidebox	AsRequired	10
		Droppingbottle		50
		Diamondpencil		00
		Lmould		00
		Cassette		00
		Hematoxylin & eosin stain (h&e): powder		00
		Hcl35%: 500ml		00
		Nitricacid: 500ml		00
		Slides		100
	Small forceps (tooth and withouttooth):	00		

		Steelscale		00	
		Scissors		00	
		Glassjar		00	
19.	Incubator		2	02	
20.	HemocytometerwithRBCandWBC pipettes		25	30	
21.	Sahli'shaemoglobinometer		25	25	
22.	Autoclave		2	01	
23.	Anaerobicapparatus		2	01	
24.	Stopwatch $\frac{1}{2}$ sec		2	03	
25.	Ph meter		1	01	
26.	Microscopeswithoilimmersionlens , movable stage and condenser		45	25	
27.	Highpowercentrifugeforserological / hematologicalwork		1	01	
28.	Westergren' spipetteforErythrocyte sedimentation rate estimation		10	03	
29.	Wintrobehaematocrit tube for Erythrocytesedimentationrateand packedcell volume		10	02	
30.	Colony counter		1	01	
31.	Coplinjars		02	02	
32.	Computerwith accessories		01	00	
33.	Colorimeterandautoanalyzer		01	00	
34.	Elisareaderforserologicaltest		01	00	
35.	Pathologicalspecimens		25	100	
36.	Urinometer(otherthan mercury)		02	00	
37.	RequirementsinMuseum				
	Histopathologyslides		25	25	
	Models		20	00	
38	Details of Teaching Faculty				
Teaching Staff					
Sr. No	Designation		NameOf Faculty		Verified
	Professor		--		
	AssociateProfessor		Dr. Prabodhchandra Meshram		
	AssistantProfessor		Dr. Akshay Pade		
Non-TeachingStaff					

	Lab technician	Mrs. Jayshri Gaourkar (Tandra)	
	Lab attendant	Ku. Heena R. Uikey	
	Multi-taskingstaff	Mr. Naresh Kotewar	

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:- /26

DEPARTMENT OF PATHOLOGY & MICROBIOLOGY**Infrastructural Information**

Pathology Department Rooms	Yes
HOD Room	Common
Laboratory	Common
Museum cum Demonstration Room	Common

List of equipment for pathology and microbiology lab

Sr. No.	Name of the article	Quantity	Available
1.	Hot air oven (50°C) for special standing	1	02
2.	Centrifuge machine electric roto fix	2	03
3.	Water bath (electric)	4	04
4.	Glass ware	As required	Available
5.	Beaker 100 ml	30 pcs	05
6.	Glass cylinder 100 ml	30 pcs	10
7.	Test tubes (6" × ½ ")	100 pcs	25
8.	Test tubes (4" × ½ ")	100 pcs	25
9.	Glass rods (1 feet)	30 pcs	
10.	Glass slides (microscopy)	200 pcs	50
11.	Glass cover slip	300 pcs	50
12.	Glass dropper	30 pcs	10
13.	Conical flask	15 pcs	05

14.	<p>(a) Stains:- (i) Leishman stain (ii) Buffer solution (iii) Deionized water</p> <p>(b) Gram stain:- (i) Crystal violet (ii) Gram's iodine (iii) Acetone (iv) Safranin</p> <p>(c) Ziehl-nelsen stain:- (i) Carbol -fuchsin (ii) Concentrated sulphuric acid (iii) Methylene blue</p> <p>(d) Heat & acetic acid test:- For presence of albumin in urine (i) 96;% glacial acetic acid (ii) Deionized water</p>	As required	Available
	<p>(e) Benedict's qualitative test:- For presence of sugar in urine (i) benedict's qualitative reagent</p> <p>(f) Rothera's test:- For presence of ketone bodies in urine :</p> <p>(i) Ammonium sulphate (ii) Sodium nitroprusside (iii) Liquor ammonia</p> <p>(g) Total WBC count:- (i) WBC diluting fluid</p> <p>(h) Total RBC count (i) RBC diluting fluid (i) Hemoglobin estimation by colorimeter (ii) Drabkin,' s solution (iii) Hb standard (iv) N /10 hydrochloric acid (HCL) by acid (m) haematin method by sahli's haemoglobinometer</p>		
15.	Blood grouping reagent anti a , anti b , anti d :	As required	Available

16.	For stool test for ova , parasite , cyst Lugol's iodine	As required	
17.	(a)Material for preparing media:- (i) Nutrient agar media; (ii) Macconkey's media (iii) Lowenstein jensen media (LJ media); (iv)Sterile petri dish (glass or plastic); (v) Nichrome wire loop holder; (vi)Deionized water.	As required	Available
18.	(a) Materials required for histopathology :- (i) Mechanical rotary microtome (ii) Hot air oven (iii) Water bath (iv) Chemicals: (a) Acetone (b) 2-propanol (c) Xylene (d) Dpxmountant (e) Formaldehyde 37% (f) Glycerol (g) Formic acid 85% (h) Papanicolaou solution (i) Methylene blue	01 01 01 As required	01 01
	(v) Cover glass slip : 22× 22mm /18×18mm (b) Slide box (c) Dropping bottle (d) Diamond pencil (e) L mould (f) Cassette (g) Haematoxylin& eosin stain (h and e): powder (h) Hcl 35% : 500ml (i) Nitric acid : 500ml (j) Slides (k) Small forceps (tooth and without tooth) :2 (l) Steel scale (m) Scissors (n) Glass jar	As required	10 10 02 01 02

19.	Incubator	2	01
20.	Haemocytometer with RBC and WBC pipettes	25	25
21.	Sahli's haemoglobinometer	25	25
22.	Autoclave	2	01
23.	Anaerobic apparatus	2	01
24.	Stopwatch ½ sec	2	01
25.	Ph meter	1	
26.	Microscopes with oil immersion lens, movable stage and condenser	45	25
27.	High power centrifuge for serological/hematological work	1	
28.	Westergren's pipette for Erythrocyte sedimentation rate estimation	10	10
29.	Wintrobe haematocrit tube for Erythrocyte sedimentation rate and packed cell volume	10	10
30.	Colony counter	1	01
31.	Coplin jars	02	02
32.	Computer with accessories	01	
33.	Colorimeter and auto analyzer	01	
34.	Elisa reader for serological test	01	
35.	Pathological specimens	25	40
36.	Urinometer (other than mercury)	02	
Sr. No	Particular	Quantity	Available
1.	Histopathology slides	25	
2.	Model	20	

Additional

Sr. No.	Particular	Available
1.	Dept. Library books	31
2.	Teaching & Training Material	05
3.	Charts	80
4.	Specimens	40
5.	Lectures/practices carried out online and offline in last academic year	
	a) Theory	188
	b) Practical/Clinical	66
	c) Seminar	25

Details of items/Equipment etc. available as per Schedule-III of HCC (MSR) Regulations, 2024

Sr. No	Items	Quantity	Available
---------------	--------------	-----------------	------------------

1.	Hot air oven (50C)	1	2
2.	Centrifuge Machine electric (Rotofix)	2	4
3.	Water Bath (Electric)	4	4
4.	Glass ware	As required	Available
	Stains	As required	Available
	Chemical Reagents for Histopathology	As required	Available
5.	Incubator	2	2
6.	Haemocytometer with RBC & WBC Pipettes	25	25
7.	Haemoglobinometer (Sahil's Type)	25	25
8.	Autoclave (Electric)	2	5
9.	Anaerobic apparatus	2	1
10.	Stopwatch (1/2sec.)	2	2
11.	pH meter	1	1
12.	Microscope with oil immersion	25	25
13.	High speed Centrifuge for serological/Hematological work	1	1
14.	ESR (Wintergreen/wintrobe)	2 set each	2
15.	Colony Counter	1	1
16.	Material for preparation of media	As required	Available
17.	Material for preparation of Stain	As required	Available
18.	Coppin Jars	2	2
19.	Computer with accessories	1	--
20.	Machine for estimation of blood sugar/serological test	1	1
21.	Pathological Specimens	25	160
22.	Total Number of Charts		102

DEPARTMENT OF PATHOLOGY & MICROBIOLOGY					ANNEXURE (Copy of Stock register, Bills, etc.)
Sr. No.	Items	Required	Available in number		
1.	1.	Hot air oven (50C) for special standing	1	2	38
	2.	Centrifuge Machine electric (Rotofix)	2	3	
	3.	Water Bath (Electric)	4	4	
	4.	Glass ware	As Required	100	
		Stains	As Required	25	
		Chemical Reagents for Histopathology	As Required	30	
	5.	Incubator	2	2	41 40,39 38
	6.	Haemocytometer with RBC & WBC Pipettes	25	25	
	7.	Haemoglobinometer (Sahil's Type)	25	25	
	8.	Autoclave (Electric)	2	2	
	9.	Anaerobic apparatus	2	2	
	10.	Stopwatch (1/2sec.)	2	4	38
	11.	pH meter	1	1	

	12.	Microscope with oil immersion	25	25	37,35
	13.	High speed Centrifuge for serological/ Hematological work	1	1	
	14.	ESR (Wintergreen/wintrobe)	2	25	
	15.	Colony Counter	1	1	
	16.	Material for preparation of media	As Required	10	
	17.	Material for preparation of Stain	As Required	10	
	18.	Coppin Jars	2	2	
	19.	Computer with accessories	1	2	
	20.	Machine for estimation of blood sugar/serological test	1	2	37
	21.	Pathological Specimens	25	150	
2.	Additional Item			20	
3.	Total Number of Charts			112	
4.	Total Number of Models			00	