

DEPARTMENT OF PATHOLOGY & MICROBIOLOGY

Space for teachers and supporting staff ,demonstration room,laboratories,museum and departmental library-175 sq. mtr.

Details of items of Equipment etc available as per NCH (MES 2024) Regulations

S. No	Items	Available in number
1.	Hot air oven(50°c)for special standing	1
2.	Centrifuge machine electric roto fix	2
3.	Water bath,electric	4
4.	Glass ware	AVAILABLE
5.	Beaker 100ml	30
6.	Glass cylinder 100ml	30 pcs
7.	Test tubes(6'×½")	100 pcs
8.	Test tubes(4"×½")	100 pcs
9.	Glassrods(1 feet)	30 pcs
10.	10.Glass slides(microscopy)	200 pcs
11.	Glass cover slip	300 pcs
12.	Glass dropper	30 pcs
13.	Conical flask	15 pcs
14. A	Stains:-	AVAILABLE
	Leishman stain	AVAILABLE
	Buffer solution	AVAILABLE
	Deionized water	AVAILABLE
B	Gramstain:-	AVAILABLE
	Crystalviolet	AVAILABLE
	Gram'siodine	AVAILABLE
	Acetone	AVAILABLE
	Safranin	AVAILABLE
C	ZiehlNel senstain:-	AVAILABLE
	Carbol-fuchsin	AVAILABLE
	Concentrated sulphuricacid	AVAILABLE
	Methyleneblue	AVAILABLE
D	Heat&acetic acid test:-For presence of albumin in urine	AVAILABLE
	96;%glacialacetic acid	AVAILABLE
	Deionized water	AVAILABLE
E	Benedict's qualitative test:- For presence of sugar in urine	AVAILABLE
	benedict's qualitative reagent	AVAILABLE
F	Rothera's test:- For presence of ketone bodies in urine.	AVAILABLE
	Ammonium sulphate	AVAILABLE
	Sodium nitro prusside	AVAILABLE
	Liquor ammonia	AVAILABLE
G	Total WBC count:-	AVAILABLE
	WBC diluting fluid	AVAILABLE
H	Total RBC count	AVAILABLE




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	RBC diluting fluid	AVAILABLE	
I	Hemoglobin estimation by colorimeter	AVAILABLE	
J	Drabkin,'s solution	AVAILABLE	
K	Hb standard	AVAILABLE	
L	N/10hydrochloricacid (HCL) by acid	AVAILABLE	
M	Haematin method by sahli's haemo globino meter	AVAILABLE	
15.	Blood grouping reagentantia, antib ,anti d:	AVAILABLE	
16.	For stool test for ova,parasite,cyst Lugol"s iodine	AVAILABLE	
17.	Material for preparing media:-	AVAILABLE	
	Nutrient agarmedia;	AVAILABLE	
	Macconkey'smedia	AVAILABLE	
	Low enstein jensen media(LJ media);	AVAILABLE	
	Sterile petridish(glassorplastic);	AVAILABLE	
	Nichromewireloop holder;	AVAILABLE	
	Deionized water.	AVAILABLE	
18.	Materials requiredfor histopathology:	AVAILABLE	
	Mechanical rotary micro tome	01	
	Hot air oven	01	
	Water bath	01	
	Chemicals:	Acetone	AVAILABLE
		2-propanol	AVAILABLE
		Xylene	AVAILABLE
		Dpxmountant	AVAILABLE
		Formaldehyde 37%	AVAILABLE
		Glycerol	AVAILABLE
		Formicacid85%	AVAILABLE
		Papanicolaou solution	AVAILABLE
		Methyleneblue	AVAILABLE
	Coverglassslip: 22× 22mm /18×18 mm	Slide box	AVAILABLE
		Dropping bottle	AVAILABLE
		Diamond pencil	AVAILABLE
		L mould	AVAILABLE
		Cassette	AVAILABLE
		Hematoxylin&eosin stain (h&e):powder	AVAILABLE
		Hcl35%: 500ml	AVAILABLE
		Nitric acid: 500ml	AVAILABLE
		Slides	AVAILABLE
		Small forceps (tooth and withouttooth):	AVAILABLE
		Steel scale	AVAILABLE
		Scissors	AVAILABLE



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		Glass jar	AVAILABLE
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19.	Incubator	2
20.	Hemocytometer with RBC and WBC pipettes	25
21.	Sahli's haemoglobinometer	25
22.	Autoclave	2
23.	Anaerobic apparatus	2
24.	Stop watch ½ sec	2
25.	Ph meter	1
26.	Microscopes with oil immersion lens, movable stage and condenser	45
27.	High power centrifuge for serological/ Hematological work	1
28.	Westergren's pipette for Erythrocyte sedimentation rate estimation	10
29.	Wintrobe haematocrit tube for Erythrocyte sedimentation rate and packed cell volume	10
30.	Colony counter	1
31.	Coplin jars	02
32.	Computer with accessories	01
33.	Colorimeter and autoanalyzer	01
34.	Elisareader for serological test	01
35.	Pathological specimens	25
36.	Urinometer (other than mercury)	02
37.	Requirements in Museum	
	Histopathology slides	25
	Models	20




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DEPARTMENT OF : PATHOLOGY AND MICROBIOLOGY

LIST OF EQUIPMENTS/DEAD STOCK/MODELS/CHARTS//SPECIMEN/AV MATERIAL/CHEMICALS etc.

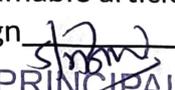
Sr. No.	Name of the Equipment/Dead Stock/Models/ Charts/Specimen/AV Material/Chemicals	Quantity Available
EQUIPMENT		
1	Hot air oven (50°C) for special standing	1
2	Centrifuge machine electric Roto fix	2
3	Water bath Electric	4
4	Glass ware stains chemical reagents for histopathology etc.	1
5	Incubator	2
6	Haemocytometer with R.B.C. & W.B.C. Pipettes	30
7	Haemoglobinometer sahil's type	32
8	Autoclave electric	2
9	Anaerobic apparatus	2
10	Stopwatch 1/2 sec.	2
11	P.H. meter	1
12	Microscopes with Oil immersion	25
13	High power centrifuge for serological / Haematological work	1
14	E.S.R. Westergen / Wintrobe	15/15
15	Colony counter	1
16	Material for preparation of media	1
17	Material for preparation of stain	1
18	Coplin Jars	2
19	Computer with accessories	1
20	Machine for estimation for blood sugar & for other serological tests	1
21	Rotary microtome	1
22	Hot Plates for flattening sections	1
23	Paraffin embedding bath	1
24	Lumbar puncture needles	5
25	Dissecting Microscope	1
26	Sternal puncture needle	2
27	Microtome	1
Sr. No.	Name of the Equipment/Dead Stock/Models/ Charts/Specimen/AV Material/Chemicals	Quantity Available
28	Hot plate	1
29	Digital colorimeter	1
30	Dissecting microscope	1
31	L.P. Needle	2
32	Liver biopsy needle	2
33	Anima Balance	1
34	Electronic microscope	1
Sr. No.	Name of the Equipment/Dead Stock/Models/ Charts/Specimen/AV Material/Chemicals	Quantity Available
DEAD STOCK		
1	Practical table	06
2	Wooden Table	02
3	Chairs	05
4	Rack	04
5	Cup-board	01
6	Stools	25
7	Fan's	04

Date: 27/01/2026

Place: Gadhinglaj

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Annual Physical Verification of Consumables and Non-consumable articles of
Stores done by **Principal** on **27/01/2026**

Sign 

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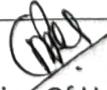
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8	Tube light	14
9	Pathological Investigation table	01
CHARTS		
(A)	REXINE CHARTS	1
01	Microscope	1
02.	Entamoeba Hystolytica	1
03.	Ascaris Lubricoides	1
04.	Malarial Parasite	1
05.	Nephrotic & Nephritic Oedema	1
06.	Benign & Malignant Tumour	1
07.	Types of Necrosis	1
08.	Culture Media	1
09.	Stages of Lovar Pneumonia	1
10.	Streptococcus	1
11.	Types of Gangrene	1
12.	Haemoptysis	1
13.	Peptic Ulcers	1
14.	Classification of Anemia	1
15.	Arregement of Coci	1
16.	Arregement of Bacilli & Bacteria	1
17.	Types of Hepatitis Virus	1
18.	Liver Function Test	1
19.	Causes of Spelenomegaly	1
20.	Shape of Bacteria	1
21.	Viral Infections	1
22.	Bacterial Infections	1
23.	Bacteria	1
24.	E.Coli	1
25.	Viruses	1
26.	Tuberculosis	1
Sr. No.	Name of the Equipment/Dead Stock/Models/Charts/Specimen/AV Material/Chemicals	Quantity Available
SPECIMEN		
01.	Appendix	2
02.	Ca-stomach (Ulcerative type)	1
03.	Ca-Penis	1
04.	Renal calculi	1
05.	Ca- Breast	1
06.	Ca-Intestine	1
07.	Fibroid Uterus	1
08.	Ovarian Cyst	1
AUDIO-VISUAL MATERIAL		
A)	LARGE SLIDE	
01.	Surgical aspects of Ascariasis	1
02.	Life cycle of schistosoma jacponicum katurada	1
03.	General characteristic of Nematodes	1
04.	Life cycle of strongyloids stercoralis (Nematoda)	1
05.	Life cycle of Schistosoma haematobium(Trematoda)	1

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06.	Life cycle of Tricharia Frichiura(Neuctoda)	1
07.	Life cycle of Aneytostoma duodenale nematode (Hookworm)	1
08.	Clinical & laboratory diagnosis of Hookwarm Anaemia	1
09.	Life cycle of Schistosoma Japonicum(Trewatoda)	1
10.	Life cycle of Trichindla spiralis (Newatodla)	1
11.	Life cycle of Wucheresia bancrofti (Nematoda)	1
12.	Adult nake & female warms diagram of A duodenalis & Neamericans	1
13.	Life cycle of fasciola hepatica (Trantoda)	1
14.	Life cycle of Enterobias Vermicularis (Neautoda)	1
15.	Life cycle of Ascaris Lumbricrudes (Newatoda)	1
B)	SMALL SLIDE	
16.	Antiseptic methods, sterilizations	1
17.	Bacteria	1
18.	Human Protits	1
19.	Curved Bacteria	1
20.	Pathogenic Protozoa	1
21.	Wounds	1
22.	Worms	1
23.	Tape worms	1
24.	Human common skin eruptions	1
25.	Pediatrics, development	1
C)	Name of the Equipment/Dead Stock/Models/ Charts/Specimen/AV Material/Chemicals	
1.	Bacteria mycobacterium Tuberculosis	2
2.	Enterobius Vermicularis	1
3.	Malaria parasite signet ring	1
4.	Bacteria corynbacterium Diphtheri	2
5.	Ancylostoma – Hookworm	1
Sr. No.	Name of the Equipment/Dead Stock/Models/ Charts/Specimen/AV Material/Chemicals	Quantity Available
6.	Anaemia blood smear	1
7.	Anopheles Malaria Mosquito Female Mouth Parts	1
8.	Ascaris Female T.S	1
9.	Fasciola ova	1
10.	Ascaris Ova W. M.	1
11.	Gram's Negative Bacillus	2
12.	Carcinoma Cerricis Uteri	1
13.	Neisseria Gonorrhae	1
14.	Gram's Negative Coccus	1
15.	Monocytosis sporozoite	1
16.	Plasmodium Vivex	3
17.	Human ovary cyst	1
18.	Plasmodium Falciparum	2
19.	Entamoeb Histolica	1
20.	Trypanosoma	2
21.	Bacteria streptocococcus	1
22.	Gram's Positive Coccus	2
23.	Anaemia Iron Defeiciency	1

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24.	Vibro Comma	1
25.	Gram's Positive Bacillus	2
26.	Streptococcus Aureus	2
27.	Bacillus subtilis	1
28.	Mycobacterium Leprae	2
29.	Ascaris Male T.S	1
30.	Bacteria shigella shiga	1
31.	Escherichia Coli	1
32.	Carcinoma of Breast	1
33.	Shingella Dysenteriae	1
34.	Vibro Cholera (Cholera)	2
35.	Balantidium W.M	1
36.	Euglena w.m	1
37.	Monocytosis trophozoite	1
38.	Monocystis sporozoite	2
39.	Plasmodium malaria	2
40.	Nyctotherus wm	1
41.	Paramecium	1
42.	Stentor WM	1
43.	Vorticella wm	1
44.	Salmonella Typhi	1
45.	Carcinoma of Stomach	1
46.	Leukamia Blood Smear	1
47.	Fasciola Hepatica Ova	1
48.	Fasciola T.S	1
49.	Cercaria wm	1
50.	Liver fluke metacercaria wm	1
51.	Liver fluke T.S.	1
52.	Liver fluke egg wm	1
53.	Liver fluke sporocyst wm	1
54.	Entamoeba wm	1
55.	Ascaris ova cimex wm	1
56.	Culex male mouth parts	2
57.	Culex larva wm	1
58.	Culex pupa wm	1
59.	Enterobius wm	1
60.	Cerearia w.m	1
61.	Redia wm	2
62.	Fasciola hepatica wm	1
63.	Pediculus wm	1
64.	Bacteria typical	1
65.	Leishmania insection	1
66.	Bacteria coccus	1
67.	Bacteria Bacillus	1
68.	Bacteria spirillum	1
69.	Lactospirillum	1
70.	Bacteria streptococcus pneumonia	1
71.	Streptococcus viridance	1
72.	Carcinoma stomach	1

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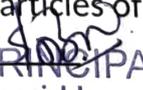
73.	Bacteria salmonella typhi	1
74.	Bacteria Bacillus Anthracis	1
75.	Bacteria Mycobacterium Tuberculosis	1
76.	Bacteria Bacillus Subtilis	1
77.	Escherichia Coli	1
78.	Ascaris Male	1
79.	Klebisella smear	1
CHEMICALS		
01.	Mercuric Chloride-500 ml	01
02.	Potassium Chloride – 500 ml	01
02.	Potassium Chloride – 500 ml	01
03.	5% Sodium Nitrate – 500 ml	01
04.	RBC diluting Fluid 500 ml	01
05.	WBC diluting fluid 500 ml	01
06.	Surgical Spirit 500 ml	01
07.	Field stain A – 500 ml	01
08.	Field stain B – 500 ml	01
09.	Leishman's stain – 500 ml	01
10.	Chloroform 500 ml	01
11.	Sulpho Salicylic Acid	01
12.	Hydrochloric Acid N/10 – 500 ml	01
13.	Benedicts Reagent – 500ml	02
14.	Sulphur Powder	01
15.	Glacial Acetic Acid	01
16.	Fouchets Reagent – 500 ml	01
17.	Phyneyl Nydrazine HCL 500 ml	01
18.	Hydrochloric Acid	01
19.	Benzidine Powder	01
20.	Normal Saline	01
21.	Safranine Solution 100 ml	01
22.	Nutrient agar – 100 gm	01
23.	Blood agar 100 gm	01
24.	Methylene Blue 100 gm	02
25.	Basic Stain 100 ml	02
26.	Carbol Fuchsin 100 ml	02
27.	Gram's Staining solu 100 ml	02
28.	Gram's Iodine solu – 100 ml	01
Sr. No. Name of the Models Quantity Available		
01.	Pneumonia	01
02.	Appendicitis	01
03.	Uterine Fibroids	01
04.	Breast Cancer	01
Sr. No. Name of the Laminated Charts Quantity Available		
01.	Rudolf Ludwig Karl Virchow	01
02.	Karl Landsteiner	01

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DEPARTMENT OF : PATHOLOGY AND MICROBIOLOGY

LIST OF BOOK IN THE DEPARTMENTAL LIBRARY.

Sr. No.	Name of the Book & details	Quantity Available
01.	MCQs in Pathology	1
02.	General Pathology and Pathology of system V-I	1
03.	General Pathology and Pathology of system V-II	1
04.	Practical Pathology	1
05.	Practical Pathology	1
06.	Practical Pathology	1
07.	Hand book of medical parasitology clinical Pathology	1
08.	Clinical Pathology	1
09.	MLT-Medical laboratory technology methods interpre	1
10.	Clinical Pathology & Bacteriology	1
11.	Practical and applied Microbiology	1
12.	The short textbook of medical Microbiology	1
13.	Practical Microbiology Proiozoology & Parasitology	1
14.	Clinical Microbiology	1
15.	Practical medical microbiology a hand book	1
16.	MCQs in microbiology	1
17.	Medical parasitology	1
18.	Textbook of microbiology	1
19.	Medical parasitology	1
20.	Parasitology, Protozoology & Helminthology	1
21.	Textbook of Pathology (bacteriology & parasitology)	1
22.	Solved papers Pathology	1
23.	Human pathology, Bacteriology, general Pathology spot.	1
24.	Practical Physiology and Pathology	1
25.	Practical Pathology recommended for BHMS student	1
26.	Text book of Pathology	1
27.	Pathology Quick Review and MCQs	1
28.	Text book of Homoeopathic Materia Medica with therapeutic Hints	1
29.	Descriptive medicine with clinical methods and Homoeopathic Therapeutics	1
30.	Homoeopathic Therapeutics	1
31.	Medicine The Voyage Through Time	1
32.	Essential of General Anatomy	1

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