

FATHER MULLER HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL

FACILITIES IN PRECLINICAL & CLINICAL LABORATORY

DEPARTMENT OF PHYSIOLOGY and BIOCHEMISTRY

Items		Required	Available (Number/Quantity)
For human experiments:			
1	Medical Microscope	25	35
2	Equipment for ESR estimation/ Westergren's pipette for ESR on stand	25 (with spare pipettes)	35
3	Haematocrit tubes	30 (with spares)	35
4	Auto Analyzer or Semi Auto Analyzer	01	1
5	Haemoglobinometer (Sahli)	25(with spare)	40
6	Haemocytometer	25(with spare)	40
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 (32-10000 hzs)	01 set	1 set
12	Stethographs or pneumographs	05	5
13	Electrocardiograph (ECG Machine)	01	1
14	Electronic Stop Watches 1/10 sec.	04	4
15	Glass Distillation (double) apparatus	01	1
16	Centrifuge (Medium speed)	02	2
17	Colorimeter (photo electric)	02	2
18	pH Meter electric	01	2
19	Colour perception lantern (Edridge Green)	01	1
20	Incubator	01	1
21	Educational CD	As required	Available
	DVD	As required	13
	Films	As required	25
	Slides	As required	10
	Models	As required	80
	Audio Visual Aids	As required	Available
	Perimeter	03	3
	Spirometer	01	1
	Tonometer	01	1
	Handgrip dynamometer	01	1
	Bicycle Ergometer	01	1

Biochemistry

S.No	Items	Required	Available (Number/Quantity)
1	Electronic/Monopan Balance	01	1
2	Centrifuge	01	1
3	Balance, chemical/ordinary	02	2
4	Water baths	02	2
5	Urinometer	25	34
6	Hydrometer (0.700 to 1.00)	02	06
7	Albuminometers	10	10
8	Glucometer	10	10
9	Thermometer	10	10
10	Colorimeter	01	2
11	Hot air oven 14"x14"x14" (Electric)	01	1
12	Double Distillation apparatus Glass	01	1
13	Centrifuge, medium speed, electric	01	1
14	Glass ware like	As required	Available
	Pipette		100
	Beakers		70
	Burettes		5
	Wire gauze with asbestos	As required	9
	Centre hot plate	As required	1
	Stove	As required	1
	Syringes	As required	14
	Burners	As required	30
	Rubber tubing	As required	50
	Stands clamps	As required	10
	Flask	As required	10
15	pH meter	01	01
Number of additional items available			Books - 127
Total number of Charts			148
Whether the Laboratories for Physiology & Biochemistry are separate			Yes

DEPARTMENT OF PATHOLOGY and MICROBIOLOGY

Sl.No	Items	Required	Available (Number/Quantity)
1	Hot air oven (50 ⁰ C) for special standing	01	1
2	Centrifuge Machine electric Rotofix	02	2
3	Water Bath, Electric	04	4
4	Glass ware	As required	As required
	Stains	As required	As required
	Chemical Reagents for Histopathology	As required	As required
5	Incubator	02	2
6	Haemocytometer with RBC & WBC Pipettes	25	30
7	Haemoglobinometer (Sahli)	25	32
8	Autoclave Electric	02	2
9	Anaerobic apparatus	02	2
10	Stopwatch ½ sec	02	2
11	pH meter	01	1
12	Microscope with oil immersion	25	40
13	High Speed Centrifuge for serological/Hematological work	01	1
14	ESR Westergreen/ wintrobe	02 sets each	5
15	Colony Counter	01	1
16	Material for preparation of media	As required	As required
17	Material for preparation of Stain	As required	As required
18	Coplin Jars	02	5
19	Computer with accessories	01	1
20	Machine for estimation of blood sugar/serological test	01	1
21	Pathological Specimens	25	176
Additional Item, Internet, Intercom facilities, Laptop, Desktop			1
Total Number of Charts			73
Total number of Models			40

DEPARTMENT OF HOMOEOPATHIC PHARMACY

Equipment etc available as per Schedule-III of HCC(MSR) Regulations, 2013				
S. No.	Items		Required	Available (Number/Quantity)
1	1	Pill tiles	25	33
	2	Porcelain dishes	25	40
	3	Crucibles with tongs	25	32 + 25
	4	Pestles and mortars (Iron, Glass, Porcelain)	25	94
	5	Water bath, metal/electric	25	45
	6	Microscope (Student type)	05	16
	7	Glass apparatus for filtration with vacuum	02	2
	8	Thin layer chromatography apparatus	01	1
	9	pH meter	02	2
	10	Stop watch	25	26
	11	Hydrometer	05	11
	12	Alcoholometer	05	5
	13	Lactometer	05	5
	14	Electric potentiiser (for P.G. Course)	02	2
	15	Electric Triturator (for P.G. Course)	02	2
	16	Water Still (Distilled Water Plant)	01	1
	17	Percolater	05	9
	18	Macerator	05	5
	19	Botanical slides	As required	34
	20	Colorimeter (for P.G. Course)	01	1
	21	Spectro Scope (for P.G. Course)	01	1
	22	Dissecting Microscope	02	2
	23	Distillation Apparatus (Glass)	01 set	1
	24	Pyknometer (Specific Gravity Bottle)	02	2
	25	Electronic Balance	01	1
	26	Hot Air Oven	01	1
	27	Chemical Balance	10	10
	28	Physical Balance	01	29
	29	Measuring glasses, all sizes	As required	112
	30	Miscellaneous-	Chemicals	As required
Drugs			As required	10
Glass Phials			As required	110
Glass Rods			As required	20
Funnels			As required	41
Filter Papers			As required	5 boxes
Others			As required	-
2	Total number of Charts			123
3	Number of books in Departmental Library			142
4	Total number of Models			105
5	Total Number of Specimens	Vegetable		270
		Animal		12
		Chemical		56
6	Details of Pharmaceutical Vehicles available	Solids		Sugar of milk – 1kg Pills /Globules – 2kg Tab. – 1kg
		liquids		Purified water –5 ltr Glycerine – 3ltr Oils 2 ltr
		Semisolids		Vaseline – 2.5kg Bees Wax – 450grm
		Alcohol		Not applicable as per New amendment
		Alcohol/Spirit license/Permission available or not. If yes, whether it is renewed or not.		Not applicable as per New amendment
7	Whether Homoeopathic Pharmacopoeias (including Homoeopathic Pharmacopoeia of India) are available			Yes 9
8	Herbal Garden			
	Number of species planted			185
	Plants on pots			75
	Irrigation facility			Yes
9	Educational Tour Conducted			Yes

EQUIPMENT'S IN PATHOLOGY AND BIOCHEMISTRY LABORATORY

Sl. No.	Particulars	Number/Quantity
1.	Haematology Semiauto analyzer with printer	1
2.	Biochemistry Semiauto analyzer	1
3.	Electrolyte analyzer	1
4.	ESR stand	2
5.	Glucometer	2
6.	Haemocytometer	1
7.	Haemoglobinometer	1
8.	Haemoglobinometer (Digital)	1
9.	Inverter (2kva)	1
10.	Microscope - Binocular	1
11.	Micropipette	7
12.	Needle destroyer	1
13.	Hot plate	1
14.	Autoclave	1
15.	Centrifuge	1
16.	Water bath	1
17.	Weighing scale (50 Kg Digital)	1
18.	Refrigerator with stabilizer (v-guard)	1
19.	Computer with printer	1