

## MLS Lab

The MLS is equipped with all types of instruments, reagents, consumables required for the practical in various departments like Microbiology, Clinical Pathology, Transfusion Medicine, Histopathology, Cytopathology, Clinical Biochemistry and Molecular Biology.



## List of Instruments in MLS lab

1	Real-Time PCR Bio-Rad
2	Gradient PCR
3	Western Blot Apparatus
4	Elisa Reader
5	Benchtop Mini Centrifuge
6	Incubator
7	VDRL Rotor
8	Hot Air Oven
9	Autoclave
10	Microscope
11	PH Meter
12	Microtome
13	Microscope Imaging Camera Samsung
14	Microscope Display Screen LED 24"
15	Laminar Air Flow
16	Refrigerator
17	Non-Refrigerated Centrifuge
18	Refrigerated Centrifuge
19	Incubator Shaker
20	Centrifuge
21	Protein Gel Electrophoresis
22	Horizontal Electrophoresis System

23	Electrophoresis System
24	Horizontal Electrophoresis System
25	Calorimeter
26	Spectrophotometer
27	Magnetic Stirrer
28	Borosil metal alloy Microprocessor Controlled Magnetic Stirrer
29	Needle Syringe Destroyer
30	Vortex Shaker
31	Borosil Labquest Carbon Brush DC Motor Vortex Mixer
32	Water Bath
33	Deep Refrigerator
34	Whirlpool 450L 3star Double door refrigerator
35	Micropipette Volume 100-1000ul
36	Micropipette Volume 0.5-10ul
37	Double Distillation Unit Horizontal
38	Transilluminator UV(Multiwavelength Benchtop Type)
39	Biochemistry Analyzer
40	Haematology Analyzer Avantor
41	Ice Flake Making Machine
42	Disc Tube Rotator
43	Electrolyte Analyzer
44	Digital Electronic Balance

## MEP Lab

The MEP lab is well equipped with instruments like EEG, ECG, EMG, PFT etc. required for the study of electrophysiological conduction and its clinical interpretations.



# Infrastructure

## List of Instruments in MEP lab

1	Succession Machine
2	ECG Machine 3 channel
3	ECG Machine 1 channel
4	ECG Machine 1 channel M-16108T
5	ECG Machine 6 channel
6	ECG Machine 1 channel M-108TDigi
7	EEG Machine
8	EMG-NCV
9	Defibrillator
10	P.F.T Machine
11	PSG (Polysomnography)
12	Treadmill Test Equipment
13	Cardiac Monitor
14	Holter Monitor
15	Oxygen Concentrator
16	Commercial Exercise Bike
17	PC Based Audiometer
18	PC Based Polygraph
19	CRO – 20MHz
20	Basic Logic Gates
21	PN Junction / Zener Diod

22	Ohm's Law Apparatus
23	Half Wave/Full Wave Rectifier
24	Multi meter
25	Oxygen Cylinder with Regulator
26	Semi Fowler Bed
27	Human Skeleton Full Body
28	Mannequin with internal organs
29	BiPAP (Niscomed Automatic non invasive ventilator)
30	Humidifier (Part-I accessoriees for APAP) Air Tubing (Part-II accessoriees for APAP)
31	Students Spirometer Apparatus
32	Digital Audiometer
33	All Human Life Size Bones
34	Life Size Vertical Column with Pelvis and Femur head,
35	Head with brain Life Size Model
36	Bone Joint with Ligaments and Muscle
37	Transparent Human Skull
38	Eye and Ear Human Model
39	Heart Model (Conduction System)
40	Brain Model
41	Anatomical Models of A. Upper limb, B. Lower limb, C. Facial muscle
42	Human System Model Heart, Respiratory Urinary, Vascular Muscles