

Department of Physiology including Biochemistry

FACULTY FOR THE DEPARTMENT

NAME	DESIGNATION	QUALIFICATION
Dr. Mantri Lokesh P.	Professor (H.O.D.)	M.D.(Hom)
Dr. Samina Siddqui	Assi Prof.	B.H.M.S.
Dr. Tandale Mukesh.	Assi Prof.	M.D.(Hom)



About the Department

The Department of Physiology & Biochemistry is a basic medical science department that provides essential knowledge of normal human body functions and biochemical processes. It forms the scientific foundation for understanding health, disease, and clinical subjects in Homoeopathic medical education. The department teaches First BHMS students through lectures, laboratory practicals, demonstrations, tutorials, and internal assessments.

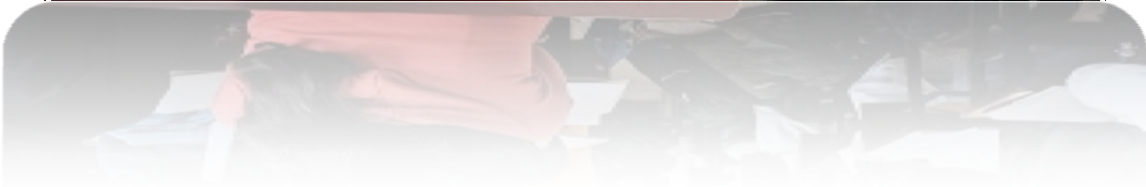
Laboratory & Teaching Facilities

- Well-equipped Physiology Laboratory for hematology and clinical physiology experiments
- Biochemistry practical setup for basic biochemical investigations
- Microscopes, laboratory instruments, and glassware
- Charts, models, and demonstration equipment
- Audio-visual teaching aids for interactive learning
- Separate student practical working space



Academic Activities


- Regular theory lectures and practical sessions
- Practical demonstrations and experiments
- Internal assessments and tutorials
- Student seminars and academic discussions



DEPARTMENT OF HUMAN PHYSIOLOGY & BIOCHEMISTRY

Details of items of Equipment-NCH(MES) Regulations etc available as per Schedule Regulations,			
S No	Items	Required	Available in number
1	For human experiments:		
1)	Medical microscope with oil immersion	25	30
2)	Equipment for Erythrocyte sedimentation rate estimation or westergren's pipette for Erythrocyte sedimentation rate on stand	25(with spare pipettes)	1)Westergren-20 2)Wintrobe -31
3)	Haematocrit tubes	35	110
4)	Sahli's haemoglobinometer	35	35
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 (32-10000 hzs)	1 set	1 set
11)	Electrocardiograph (ECG machine)	1	01
12)	Electronic stop watches 1/10sec.	04	04
13)	Glass distillation (double) apparatus	01	01
14)	Centrifuge	01	02
15)	Colorimeter(photo electric)	02	02
16)	Ph meter electric	02	02
17)	Color perception lantern (edridge green)	01	01
18)	Educational compact disc, digital Video disc, films, slides, models with audio visual aids	As required	Available
19)	Perimeter	01	03
20)	Spirometer	01	02
21)	Tonometer	01	01
22)	Handgrip dynamometer	01	01
23)	Bicycle ergometer	01	01

3	BIOCHEMISTRY		Available
1	Electronic or monopan balance	01	01
2	Centrifuge	01	01
3	Balance, chemical or ordinary	01	01
4	Water baths	01	03
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 (0.700to1.00)	02	02
8	Albuminometers	10	18
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	02
16	Stethoscope : demonstration with multiple pieces	02	02
17	Ophthalmoscope	01	01
18	Otorhinolaryngoscope	01	01
19	Revolving stools, metal	45	45


H.O.D. / PROFESSOR
 Shri Bhagwan Homeopathic
 Medical College, Dr. Y.S. Khedkar Marg
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Principal
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