

**SNJB's Smt. K. B. Abad Homoeopathic Medical College, Shri R. P. Chordiya Hospital & Bhamasha Shri
V. D. Mehata, Dev-Vijay P. G. Institute of Homoeopathy & Research Centre, Chandwad. Dist. Nashik.
Department of Physiology Including Biochemistry**

Annual Planner Academic year 2025-26

Semester wise distribution of Theory, Practical, Clinical Physiology & OPD's

Sr.No/ Duration	WK	Physiology	No. of lectures required	Practical/ clinic planning / OSPE / OSCE/ DOAP/ MINI CEX	Class test/ Seminar/ tutorial	Intra / inter Departmen tal Activity	Guest lecture
Semester- 1							
Module - 1 Organization of human body	16 Wks	*General Physiology * Bio physics science *Skin & the integumentary system Clinical Physiology *Case taking & Approach to Patient. *General concept of examination.	Lectures - 100 Hrs Non- Lectures – 115 Hrs	03	05		
Module – 2 Principals of support system & movements with transportation		*Body Fluid & immune Mechanism * Nerve muscle Physiology Practical :- *Study of the Compound Microscope * Collection of Blood Sample *Estimation of Hemoglobin Conc. *Determination of Haematocrit * Haemocytometry * Total RBC Count *Determination of RBC Indices *Total Leucocytes count (TLC) *Preparation & Examination of Blood Smear *Differential Leucocyte Count (DLC) *Absolute Eosinophil count *Determination of Erythrocyte sedimentation Rae *Determination of Blood Groups * Determination of Bleeding Time & Coagulation Time Clinical Physiology:- *Examination of Muscles,Joints.		09	06	01	
	4 Th Month _ 5 Days PA 6 Th 10 Days TT – Including Viva Voce						
Semester -2							
Module 3.	16	* Cardiovascular System		02	05		

Vital Maintenance of the human body	Wks	* Respiratory & Environmental Physiology Clinical Physiology :- * Cardio-vascular system- Blood pressure Recording, Radial Pulse, ECG, Clinical Examination. * Respiratory system – Clinical examination, Spirometry, Stethography. * OPD (Applied physiology)					
Module -4 Control system of Human Body		* Central Nervous system * Endocrinology Clinical Physiology :- * Nervous system Examination * Special senses, Clinical examinations. * Diagnosis of pregnancy * OPD (Applied physiology)		02	06	01	
		9th Month – 5 Days PA 12th Month – 10 Days TT Including Viva Voce					
Semester- 3							
Module – 5 Energy Maintenance of human body	16 Wks	* Reproductive System * Special Senses * Digestion System& Nutrition * Renal Physiology * Biochemistry Practical:- * Demonstration of Uses of Instruments or Equipment * Qualitative Analysis of Carbohydrates, proteins and Lipids * Normal Characteristics Of Urine * Abnormal Constituents of Urine * Qualitative Estimation of Glucose, Total proteins, Uric acid In Blood * Liver Function Tests * Kidney Function Tests * Lipid profile * Interpretation and Discussion of Results of Biochemical Tests. Clinical Physiology :- * Gastrointestinal System-Clinical Examination * OPD (Applied Physiology)	Lectures - 115 Hrs Non-Lectures – 105 Hrs		11	01	01
		14 th Month – 5 Days PA 18 th Month – 12 Days TT – including Viva-Voce – University examination.					

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Department of Physiology Including Biochemistry

Topic Division Batch 2022-2023

Sr No.	Paper - I [Theory]	Name of Faculty
1	General Physiology	Dr.SST
2	Bio physics science	Dr.SST
3	Skin & the integumentary system	Dr.SST
4	Body Fluid & immune Mechanism	Dr.MHP
5	Nerve muscle Physiology	Dr.SST
6	Cardio-vascular system	Dr.MHP
7	Respiratory system	Dr.PSS
8	Renal Physiology	Dr.PSS

Sr No.	Paper – II [Theory]	Name of Faculty
1	Central Nervous system	Dr.SST
2	Endocrinology	Dr. MHP
3	Reproductive System	Dr .MHP
4	Special senses	Dr.MHP
5	Digestion System	Dr. MHP
6	Nutrition and Biochemistry	Dr. PSS

PRACTICALS

Sr No.	Topic	Name of Faculty
1	Hematology	Dr. SST and Dr.PSS
2	Biochemistry	Dr. SST and Dr.PSS
3	Clinical Physiology	Dr. MHP and Dr.ASJ
4	OPD Hours	Dr.ASJ and Dr.PSS

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Department of Physiology Including Biochemistry

Topic Division Batch 2023-2024

Sr No.	Paper - I [Theory]	Name of Faculty
1	General Physiology	Dr.SST
2	Bio physics science	Dr.SST
3	Skin & the integumentary system	Dr.PSS
4	Body Fluid & immune Mechanism	Dr.MHP
5	Nerve muscle Physiology	Dr.SST
6	Cardio-vascular system	Dr.MHP
7	Respiratory system	Dr.PSS
8	Renal Physiology	Dr.PSS

Sr No.	Paper – II [Theory]	Name of Faculty
1	Central Nervous system	Dr.SST
2	Endocrinology	Dr. MHP
3	Reproductive System	Dr .MHP
4	Special senses	Dr.MHP
5	Digestion System	Dr. PSS
6	Nutrition and Biochemistry	Dr. PSS

PRACTICALS

Sr No.	Topic	Name of Faculty
1	Haematology	Dr. PSS and Dr.ASJ
2	Biochemistry	Dr. PSS and Dr.ASJ
3	Clinical Physiology	Dr. MHP and Dr.ASJ
4	OPD Hours	Dr.ASJ and Dr.PSS

