

Shri Neminath Jain Brahmacharyashram's (Jain Gurukul)

SMT. K. B. ABAD HOMOEOPATHIC MEDICAL COLLEGE
SHRI. R. P. CHORDIYA HOSPITAL AND
BHAMASHAH SHRI. V. D. MEHTA, DEV-VIJAY
P. G. INSTITUTE OF HOMOEOPATHY & RESEARCH CENTRE


SNJB
ESTD - 1920

NEMINAGAR, CHANDWAD-423101 DIST.: NASIK (M.S.)
* Tel: (02550) 252544 * FAX (02556) 253282
* E-mail : kbahmc_nsk@rediffmail.com * Visit us at http : // www.snjb.org

Recognised by Ministry of AYUSH & C.C.H., New Delhi & Affiliated to MUHS, Nashik

An ISO 9001 : 2008 Certified Institute

Jain Minority Institute

Prof. Dr. A. O. DAHAD

Accredited at B grade by NAAC

Principal

ACADEMIC YEAR 2025-26

DEPARTMENT OF PHYSIOLOGY & BIOCHEMISTRY

Academic Planner / Advance Teaching Plan

Month	Sr.No./Duration	Topic	Total Hrs.
	Semester – I (16 Weeks)		
Nov,Dec	Module –I Organization of the Human Body	- General Physiology - Bio physics science - Skin and the integumentary system Clinical Physiology - Case Taking and approach to patient - General concept of Examination	Lectures - 100 Hrs. Non lecture 115 Hrs
Dec,Jan,Feb	Module -2 Principles of support system and movements with transportation	- Body Fluid and immune mechanism - Nerve muscle physiology Practical - Study of Compound Microscope - Collection of Blood Sample - Estimation of Haemoglobin concentration - Determination of haematocrit - Haemocytometry - Total RBC Count - Determination of RBC indices - Total Leucocyte count - Preparation and examination of blood smear - Differential leucocyte count - Absolute eosinophil count - Determination of ESR - Determination of Blood group	

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		- Determination of B.T. and C.T. Clinical Physiology - Examination of muscles and Joints	
		4 th months – 5 days PA 6 th months -10 days TT (Including viva voce)	
Semester- 2(16 Weeks)			
March,Apri,May	Module -3 Vital maintenance of human body	- Cardio vascular system - Respiratory and environmental physiology Clinical Physiology - CVS- B.P. recording – radial pulse/ECG/Clinical examination - Respiratory system- clinical examination/ spirometry/stethography - OPD (Applied physiology)	Lectures - 110 Hrs. Non lecture 110 Hrs
June,July,Aug	Module -4 Control system of the human body with continuity	- CNS - Endocrinology Clinical Physiology - Nervous system clinical examination - Special senses – Clinical examination - Reproductive system – diagnosis of pregnancy - OPD (Applied Physiology)	
		9 th months - 5 days PA 12 th months - 10 days TT (Including viva voce)	
Semester- 3 (16 Weeks)			
Sep, Oct, Nov	Module -5 Energy maintenance of human body	- Reproductive system - Special senses - Digestion system and nutrition - Renal Physiology - Biochemistry Practical - Demonstration of uses of instruments	Lectures - 115 Hrs.

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Month	Sr.No./Duration	Topic	Total Hrs.
Dec, Jan		instruments • Qualitative analysis of carbohydrate/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 biochemical tests Clinical Physiology • Gastro intestinal system- Clinical examination • OPD (Applied Physiology)	Hrs. Non lecture- 105 Hrs
		14th months - 5 days PA 18th months - 12 days TT (Including viva voce)	

DEPARTMENTAL TIME TABLE

	9.30- 10.30	10.30 -11.30	11.30-12.30	12.30-1.15	1.15-2.15	2.15- 3.15	3.15-4.15	4.15 - 5.15
Monday	Lecture					Non lecture /practical		
Tuesday		Lecture			Lecture	Non lecture /practical		
Wednesday		Lecture				Non lecture /practical		
Thursday			Lecture			Non lecture /practical		
Friday			Lecture			Non lecture /practical		
Saturday			Lecture		Lecture	Non lecture /practical		

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Academic Activities/Webinar/Workshop/CME/Activities in last One Year i.e.
from June 2024 to July 2025

Academic Details from June 2024 to July 2025

Sr. No.	Details	Total Number in Hours
1.	Lecture	265
2.	Symposium	--
3.	Practical / Clinics	330
4.	Inter-Departmental Seminar	26
5.	Seminar	--
6.	Case Presentation	NA
7.	Journal Club	NA

Details of Lecture & Practical/Clinics

Sr. No.	Name of the Teacher	Designation	Lecturer in Hours	Practical / Clinics in Hours	Total
1.	Dr. M. H. Parewal	Professor	100	115	215
2.	Dr. V. J. Chordiya	Guest Reader	20	30	50
3.	Dr. A. S. Jain	Assistant Professor	20	40	60
4.	Dr. Mrs. P. S. Sonawane	Assistant Professor	105	115	220
5.	Dr. O.R. Kumat	Assistant Professor	20	30	50

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Smt. K. B. Abad Homoeopathic Medical College &
Shri R. P. Chordiya Hospital, Neminagar Chandwad

Department of Physiology and biochemistry

Seminar -2024-25

Sr. No.	Date	Type of Activity	Topic	Taken by / Supervision by	Name of student	Sign. Of H.O.D.
01.	16/12/2024	Seminar	Homeostasis	Dr.P.S.Sonawane	Arab Mahek Rizwan	
02.	06/01/2025	Seminar	Structure of Skin	Dr.P.S.Sonawane	Saniya Honrao and Sneha Kochar	
03.	22/01/2025	Seminar	Functions Of cell	Dr.P.S.Sonawane	Nishi and Vaidehi	
04.	22/01/2025	Seminar	Glands on Skin	Dr.P.S.Sonawane	Shaikh Bushra,Disha Surywanshi	
05.	27/01/2025	Seminar	Colour of Skin	Dr.P.S.Sonawane	Prachi Choudhari	
06.	27/01/2025	Seminar	Structure of Nail	Dr.P.S.Sonawane	Habeeb Rehman Zeeshan Shaikh	
07.	21/03/2025	Seminar	Regulation of Body temperature	Dr.P.S.Sonawane	Rohan Andure Suraj Choure Yash Bagul	
08.	02/04/2025	Seminar	Biophysics	Dr.P.S.Sonawane	Sanika Birar Sakshi Birari Pooja Borse Sakshi Borse	
09.	02/04/2025	Seminar	Filtration	Dr.P.S.Sonawane	Asma Firdos Harshada Bari Anushka Bhagwat Manasvi Bhalgat	
10.	05/04/2025	Seminar	Regulation of Body temperature	Dr.P.S.Sonawane	Ruchi Chordiya Sakshi Borse	
11.	11/04/2025	Seminar	Acid Base Balance	Dr.P.S.Sonawane	Siddhi Kanthale	
12.	25/04/2025	Seminar	Mechanism of Respiration	Dr.P.S.Sonawane	Shraddha Ugale Ariha Lunawat	
13.	11/07/2025	Seminar	Lung voume and lung capacity	Dr.P.S.Sonawane	Purvi fofariya Triveni Gaikwad Nikita Gangurde Ritika Jadhav	
14.	11/07/2025	Seminar	Dead Space	Dr.P.S.Sonawane	Snehal Daware Vanshika Jain	
15.	12/07/2025	Seminar	Lung Compliance	Dr.P.S.Sonawane	Shrusti Deore Raksha Doshi Nikita Dhondalkar	

16.	17/07/2025	Seminar	Ventilation	Dr.P.S.Sonawane	Rashmi Jain Kanchan Japte	
17.	26/06/2025	Seminar	Functions of Respiratory Tract	Dr.P.S.Sonawane	Vaishnavi Kailkar Sakshi Kajikar	
18.	24/07/2025	Seminar	Mechanism of Breathing	Dr.P.S.Sonawane	Sainath Jadhav Viraj Junarkar Mukund Jagtap	
19.	24/07/2025	Seminar	Transportati on of O2	Dr.P.S.Sonawane	Khushi Jain Palak Jain	
20.	01/08/2025	Seminar	Transportati on of CO2	Dr.P.S.Sonawane	Sanika Jain Rashmi Jain	
21.	05/08/2025	Seminar	Transportati on of CO2	Dr.P.S.Sonawane	Sanika Jain Rashmi Jain	
22.	05/08/2025	Seminar	Transportati on of O2	Dr.P.S.Sonawane	Yash Bagul	
23.	05/08/2025	Seminar	Transportati on of O2	Dr.P.S.Sonawane	Yash Bagul	
24.	05/08/2025	Seminar	Transportati on of CO2 & Co2 dissociation curve	Dr.P.S.Sonawane	Ansari Ayesha Ansari Vajiha	
25.	23/09/2025	Seminar	Factors affecting Respiratory Centres	Dr.P.S.Sonawane	Shamli kedar Siddhi kanthale Rutuja Khangal	
26.	24/09/2025	Seminar	Respiratory Centres	Dr.P.S.Sonawane	Ariha Lunawat Shrutika Mahajan	

Seminar conducted time to time and record maintained.

Cpaxewal

Dr. Mukesh Parewal
Prof. HOD dept. of physiology

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INFRASTRUCTURE AVAILABLE

S. No.	Particulars	Built up area available in Sq. M. for <u>100</u> student's intake	REMARK
1)	Physiology Department	175	
	Laboratories for Hematology		
	Laboratories for Biochemistry,		
	Museum & Demonstration room		
	Room For Staff		

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List of Instrument/ Equipment/ Models/ Charts etc. As per MES 2024

Details of items of Equipment- specified in Schedule of MES - 2024				Remark
S No	Items	Required	Available in number	
1	For human experiments:			
1	Medical Microscope	25	40	
2	Equipment for ESR estimation/ Westergren's pipette for ESR on stand	25 (with spare pipettes)	38	
3	Hematocrit tubes	30 (with spares)	30	
4	Haemoglobinometer Sahli	35(with spare)	40	
5	Hemocytometer	25(with spare)	30	
6	Sphygmomanometer	25	26	
7	Stethoscope	25	25	
8	Clinical thermometer (Digital)	25	25	
9	Knee hammer	25	25	
10	Tuning forks to test hearing (32-10000 hzs)	01 set	01 Set	
11	Stethographs or pneumographs	05	05	
12	Electrocardiograph (ECG Machine)	01	01	
13	Electronic Stop Watches 1/10 sec.	04	07	
14	Glass Distillation (double) apparatus	01	01	
15	Centrifuge (Medium speed)	01	01	
16	Colorimeter (photo electric)	02	02	
17	pH Meter electric	01	01	
18	Colour perception lantern (Edridge Green)	01	01	
19	Educational CD	As required	04	
	DVD	As required	04	
	Films	As required	20	
	Slides	As required	75	
	Models	As required	09	
	Audio Visual Aids	As required	CD's	
20	Perimeter	03	03	
21	Spirometer	01	02	
22	Tonometer	01	02	
23	Handgrip dynamometer	01	02	
24	Bicycle Ergometer	01	01	
	Animal Experiments demonstration shall be done with the help of Audio-visual Aids.		Available	
2	Number of additional items available		16	

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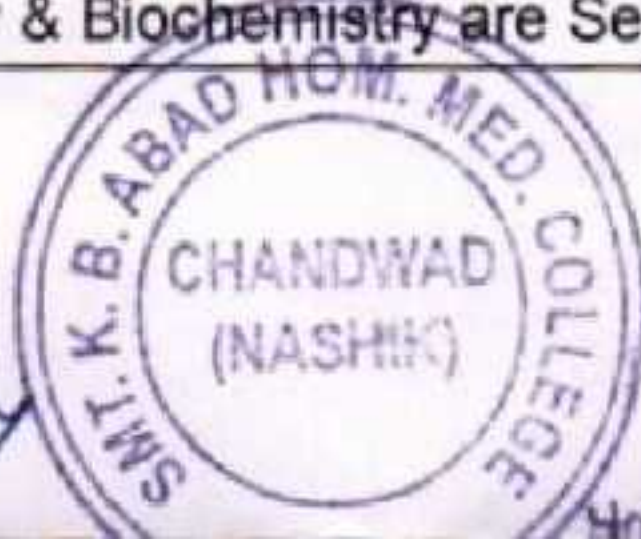
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S No	Items	Required	Available in number
3	BIOCHEMISTRY		
1	Electronic/Monopan Balance	01	01
2	Centrifuge	01	01
3	Balance, chemical/ordinary	02	02
4	Water baths	01	02
5	Urinometer	25	28
6	Hydrometer (0.700 to 1.00)	02	02
7	Albuminometers	10	36
8	Glucometer	10	10
9	Thermometer	10	10
10	Colorimeter	01	01
11	Hot air oven 14"x14"x14" (Electric)	01	01
12	Double Distillation apparatus Glass	01	01
13	Centrifuge, medium speed, electric	01	01
14	Glass ware like	As required	
	Pipette,		60
	Beakers,		110
	Burettes,		12
	Wire gouge with asbestos,	As required	25
	Centre hot plate,	As required	01
	Stove,	As required	01
	Syringes,	As required	24
	Burners,	As required	20
	Rubber tubing	As required	Adequate
	Stands clamps,	As required	30
	Flash etc.	As required	20
15	pH meter	01	01
16	Binocular Research Microscope	02	02
17	Stethoscope Demonstration Multiple Pieces	02	02
18	Ophthalmoscope	01	01
19	Otorhinolaryngoscope	01	01
20	Revolving Stools Metal	45	45
4	Number of additional items available		20-Instruments 80- Transparencies 100- Books
5	Total number of Charts (Physiology & Biochemistry)		100
6	Whether the Laboratories for Physiology & Biochemistry are Separate.		Yes

Garewa

HOD dept of physiology



Sachin
PRINCIPAL

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MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK
DETAIL INFORMATION OF SUBJECTWISE TEACHING STAFF (Approved + Not Approved)
UG Degree / PG Degree /Ph.D.) As on 31/12/2025

Faculty : Homoeopathy

Subject : PHYSIOLOGY

Whether UG/UG+PG : UG

Name of the College : SNJB's Smt. K. B. Abad Homoeopathic Medical College, Shri. R. P. Chordiya Hospital & Bhamashah Shri. V. D. Mehta, Dev-Vijay P. G. Institute of Homoeopathy & Research Centre, Chandwad, (Nashik)

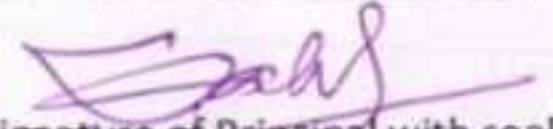
College Code : 4302

Intake Capacity : 100

S. N	Name of the Teaching Staff	Designation	Mobile No.	E-mail. Id	Date of Birth	Whether belongs to Reserved category	Date of Appointment	Teaching Experience				Total Teaching Experience in years of PG	Type of Appointment	University Approval Status (Yes/No)	Details of PG teacher Recognised by MUHS (Yes/No)		Photograph with Signature
								UG (Yrs)							Temp./Regular / Contractual	Temp / Regular	
								Asst. Prof.	Asso. Prof.	Prof.	Total						
1	Dr. M. H. Parewal	Professor	9326190046	mukeshparewal1977@gmail.com	13/09/1977	Yes SC	11/06/2002	08.04	14.2	0.11	23.05	—	Regular	Yes	—	—	
2	Dr. A. S. Jain	Associate Professor	9970135277	akash7887@gmail.com	07/08/1987	No	01-06-2019	5.6	0.11	—	6.5	—	Regular	Yes	—	—	
3	Dr. P. S. Sonawane	Assistant Professor	9168014542	drpriyankasonawane42@gmail.com	22/03/1992	No	02/05/2023	2.7	—	—	2.7	—	Regular	Yes	—	—	
4	Dr. O. R. Kumat	Assistant Professor	9595957741	Kumat29omkar@gmail.com	24/08/1989	No	26/02/2024	1.09	—	—	1.09	-	Regular	In process 20-12-25	—	—	

- Note : The College shall submit one hard copy & soft copy (In Excel Format) of the list from academic Online Teacher Database (OTD)

(Parewal)


Signature of Principal with seal

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