

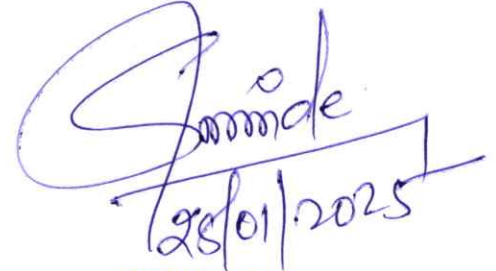


Date: 28 / 01 / 2025

Department of physiology

Departmental Availability

Sr. No.	Description	Availability	Area
1	Departmental room for teaching staff	Available	90 sq.m
2	Physiology laboratory/biochemisty laboratory	Separately Available	
3	Museum and demonstration room	Available	
4	Availability of Equipments as specified in Schedule I of MSR 2024	List of Equipments uploaded	-


28/01/2025

PRINCIPAL

Nootan Homoeopathic Medical College & Hospital
Narsinngaon, Kavathe Mahankal
Dist- Sangli, 416419, Maharashtra



Date: 28 / 01 / 2025

Department of physiology Including Biochemistry
Teaching Staff Details

Sr. No.	Name of Staff	Designation	Qualification	Approval Status
1	Dr.Sharmila Patil	Professor	MD.Hom.	Approved
2	Dr.Dhiraj Gandhi	Asst.Professor	MD.Hom.	Approved
3	Dr. Sadanand Patil	Guest Professor	BHMS	-
4	Mrs.Shilpa Kanase	Lab technician	BSc .DMLT	-
5	Mr.Pranay Kengar	Lab Attendant	HSC	-
6	Mr. Shailendra Mane	Multi-Tasking Staff	B.Sc	-

28/01/2025

PRINCIPAL
Nootan Homoeopathic Medical College & Hospital
Narsinghaon, Kavathe Mahankal
Dist- Sangli. 416419, Maharashtra



Date: 28 / 01 / 2025

SUBJECT: PHYSIOLOGY Including Bio-Chemistry

Details of items/Equipment etc available as per Schedule-I of MSR 2024

S. No.	Items	Required	Available
1	<i>For human experiments:</i>		
1	Medical Microscope	25	25
2	Equipment for ESR estimation/ Wintergreen's pipette for ESR on stand	25 (with spare pipettes)	25 (with spare pipettes)
3	Haematocrit tubes	35 (with spares)	35 (with spares)
4	Auto Analyzer or Semi Auto Analyzer		01
5	Haemoglobinometer(Sahli)	35(with spare)	35(with spare)
6	Haemocytometer	25(with spare)	25(with spare)
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	01 set
12	Stethographs or pneumographs		05
13	Electrocardiograph (ECG Machine)	01	01
14	Electronic Stop Watches (1/10 sec.)	04	04
15	Glass Distillation (double) apparatus	01	01
16	Centrifuge (Medium speed)	01	02
17	Colorimeter (photo electric)	02	02
18	pH Meter (electric)	02	02
19	Colour perception lantern (Edridge Green)	01	01
20	Incubator		01
21	Educational CD	As required	03
	DVD	As required	01
	Films	As required	11
	Slides	As required	10
	Models	As required	12
	Audio Visual Aids	As required	PPT on Pen drive, PC
22	Perimeter	01	03
23	Spirometer	01	01
24	Tonometer	01	01
25	Handgrip dynamometer	01	01
26	Bicycle Ergometer	01	01
	Facility for Animal Experiments demonstration with the help of Audio-visual Aids.		Yes
2	Number of additional items available		3

3	Biochemistry		
1	Electronic/Monopan Balance	01	01
2	Centrifuge	01	01
3	Balance, chemical/ordinary	01	02
4	Water baths	01	02
5	Urinometer	25	25

6	Chemicals	As required	List attached
7	Hydrometer (0.700 to 1.00)	02	02
8	Albuminometers	10	10
9	Glucometer	10	10
10	Thermometer	10	10
11	Colorimeter	01	01
12	Hot air oven 14"x14"x14" (Electric)	01	01
13	Double Distillation apparatus (Glass)	01	01
14	Centrifuge, medium speed (electric)	01	01
15	Glass ware like	As required	10
	Pipette,		10
	Beakers,		55
	Burettes,		10
	Wire gauze with asbestos	As required	20
	Centre hot plate	As required	01
	Stove	As required	01
	Syringes	As required	100
	Burners	As required	24
	Rubber tubing	As required	30
	Stands	As required	40
	Clamps	As required	60
Flask	As required	10	
16	Stethoscope demonstration with multiple pieces	02	01
	Revolving stools metal	45	45
4	Number of additional items available		10
5	Total number of Charts		38
6	Total number of Models		18
7	Total number of Departmental library books		24

LIST OF CHEMICALS BIOCHEMISTRY & HAEMATOLOGY	
Hgcl ₂	500 ml
Na ₂ No ₃	500 ml
Lead Acetate	500 ml
Sulphosalicylic acid	500 ml
Esbach's Reagent	500 ml
40% NaOH	1000 ml
5% NaOH	1000 ml
1% CuSo ₄	500 ml
1% NaNo ₂	500 ml
1:500 formalin	500 ml
1:50 Formalin	500 ml
1% Acetic Acid	500 ml
10% Acetic Acid	500 ml
Ammonium molybdate Solution	1000 ml
Iodine solution	1000 ml
Molish's Reagent	1000 ml
Million's Reagent	1000 ml
Bruck's Reagent	500 ml
Benedict's Reagent	1000 ml
Barfoed's Reagent	1000 ml

Selwinoff's Reagent	1000 ml
Felhing A Solution	1000 ml
Felhing B Solution	1000 ml
Sodium Carbonate Solution	500 ml
AgNo ₃ Solution	500 ml
10% AgNo ₃ Solution	500 ml
Picric acid	500 ml
Alpha naphthol	50 gm
BaCl ₂	500 ml
Ammonia	500 ml
Sodium nitroprusside solution	500 ml
Glacial acetic Acid	1000 ml
H ₂ O ₂	1000 ml
Conc HCL	1000 ml
Conc H ₂ So ₄	1000 ml
Conc HnO ₃	1000 ml
Ammonium Sulphate (solid)	1 kg
Albumin Powder	500 gm
Globulin Powder	500 gm
Glucose Powder	500 gm
Sucrose Powder	500 gm
CPR Indicator	500 ml
Magnesium sulphate solution	500 ml
HAEMATOLOGY	
N/10 HCL	500 ml
Anti Sera (A,B & D) (Brand : Tulip)	1 kit
RBC Diluting Fluid	500 ml
WBC Diluting Fluid	500 ml
Leishman Stain	250 ml
Cedar Wood Oil	50 ml
Spirit (Absolute Ethanol)	5 litre
Pilot's fluid (Eosinophil diluting Fluid)	250ml

[Handwritten Signature]
28/1/2025

HOD/PROFESSOR
Department of Physiology & Biochemistry
Nootan Homoeopathy Medical College & Hospital

[Handwritten Signature]
28/1/2025

PRINCIPAL
Nootan Homoeopathic Medical College & Hospital
Narsinhaon, Kavathe Mahankal
Dist:- Sangli, 416419, Maharashtra