

Sr. No.	Date	Topic	Lesson Plan	Name of faculty
1	02/08/17	Orientation to lecture programme		Dr. N. G. Borade
2	02/08/17	Orientation to practical labs Clinical lab Haematology lab		Dr. A. N. Patil Dr. Ramya J.
3	05/08/17	Orientation to Exam patterns Internal Assessment		Dr. NG Borade
4	05/08/17	Counseling of students		Dr. S. T. Methre Dr. Sheetal S.
5	08/08/17	Study of microscope	Parts of Microscope, adjusting & Focusing of Neubauer's chamber	Dr. Ramya J.
6	09/08/17	Revision of Microscope	Parts of Microscope, adjusting & Focusing of Neubauer's chamber	Dr. Ashwini Patil
7	10/08/17	Study of Neubauer's chamber	Observation under microscope	Dr. Seema Methre
8	11/08/17	RBC & WBC Calculation	RBC & WBC Calculation	Dr. Nivedita Sirdesai
9	12/08/17	Revision of Neubauer's chamber & RBC, WBC Calculation	Observation under microscope	Dr. Sheetal S.
10	14/08/17	Study of instruments in amphibian experiments (Cardiac)	Study of instruments, connections (primary secondary circuits)	Dr. Nivedita Sirdesai
11	16/08/17	Study of instruments in amphibian experiments (Skeletal)	Study of instruments, connections (primary secondary circuits)	Dr. Seema Methre
12	18/08/17	Demonstration of amphibian experiment through animal simulator (Cardiac)	Study of instruments, connections (primary secondary circuits)	Dr. Ramya J.
13	19/08/17	Demonstration of amphibian experiment through animal simulator (Skeletal)	Study of instruments, connections (primary secondary circuits)	Dr. Ashwini Patil
14	21/08/17	Anticoagulant Bulbs	Various method of collection, Filling of pipette, Studying different bulbs, Bioethics: Consent of volunteer aseptic precautions proper disposal of waste Use of needle cutter proper cleaning & sterilization of instrument no misuse of sample/ results.	Dr. Sheetal S.

15	22/08/17	Cell & body fluids	Cells structure, function, body fluid compartments, electrolytes, applied	Dr. Ramya J.
16	23/08/17	Composition of blood	1) Introduction 2) Properties of blood 3) Composition of Blood 4) Functions 5) Plasma Proteins	Dr. Seema Methre
17	24/08/17	RBC (Charts/Microscope)	1) Introduction 2) Morphology 3) Life span 4) Normal count 5) Physiological variations of RBCs 6) Functions of RBCs Erythropoiesis-	Dr. Nivedita Sirdesai
18	26/08/17	WBC (Charts/Microscope)	1)Introduction 2) Classification of W.B.C.s 3) Morphology of W.B.C.s 4) Normal count 5) Physiological Variations in normal count 6) Life span of WBCs 7) Functions of WBCs 8) Leucopoiesis	Dr. Ashwini Patil
19	28/08/17	Blood group (charts)	1) Introduction 2) Importance of blood groups. 3) Types of blood groups: 4) ABO blood group system Land steiner's Law & ABO blood group system. 5) Rh blood group system 6) Erythroblastosis foetalis 7) Blood group.- Typing.& cross- matching	Dr. Ramya J.
20	29/08/17	Skeletal muscle (charts)	Muscle: Specialized cell converts chemical energy into mechanical energy. 2) Classification 3) Structure of skeletal muscle: 4) Sarcotubular system	Dr. Sheetal S.
21	30/08/17	Cardiac muscle (charts)	1) Structure of Heart Functional Anatomy 2) Shape, Size structure . 3) Specialized Tissues of the heart (conducting tissues). 4) Valves of the heart, 5) Properties of Cardiac muscle.	Dr. Seema Methre

22	31/08/17	Smooth muscle (charts)	Types of smooth muscle	Dr. Ashwini Patil
23	01/09/17	Plasma Protein		Dr. Nivedita Sirdesai
24	04/09/17 & 06/09/17	Orientation to Physiology & department		All faculty
25	07/09/17 To 09/09/17	Study of microscope Collection of Blood	i)Parts of Microscope, adjusting & Focusing of Neubauer's chamber. ii)Various method of collection, Filling of pipette, Studying different bulbs, Bioethics: Consent of volunteer aseptic precautions proper disposal of waste Use of needle cutter proper cleaning & sterilization of instrument no misuse of sample/ results.	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
26	12/09/17 To 14/09/17	Collection of Blood Study of microscope	i)Parts of Microscope, adjusting & Focusing of Neubauer's chamber. ii)Various method of collection, Filling of pipette, Studying different bulbs Bioethics: Consent of volunteer aseptic precautions proper disposal of waste Use of needle cutter proper cleaning & sterilization of instrument no misuse of sample/ results.	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
27	15/09/17 16/09/17 & 18/09/17	Study of Neubauer's chamber Estimation of Haemoglobin	i) Neubauer chamber focusing ii) Filling of Haemoglobin pipette, studing the apparatus & Calculation	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
28	19/09/17 To 21/09/17	Estimation of Haemoglobin Study of Neubauer's chamber	i) Filling of Haemoglobin pipette, studing the apparatus & Calculation ii) Neubauer chamber focusing	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
29	22/09/17 23/09/17 & 25/09/17	Revision:Study of Neubauer's chamber Revision: Estimation of Haemoglobin Exchange after 1 hour	i) Neubauer chamber focusing ii) Filling of Haemoglobin pipette, studing the apparatus & Calculation	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
30	26/09/17 To 28/09/17	WBC count (TLC)  Determination of blood group	i) ) Neubauer chamber focusing & calculation of WBCs ii) Studying different blood groups, Antiseras & Determining own blood group	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai

31	29/09/17 & 03/10/17 04/10/17	Determination of blood group  WBC count (TLC)	i) Studying different blood groups, Antiseras & Determining own blood group ii) Neubauer chamber focusing & calculation of WBCs	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
32	05/10/17 To 07/10/17	Revision: WBC count (TLC)  Revision: Determination of blood group Exchange after 1 hour	i) ) Neubauer chamber focusing & calculation of WBCs ii) Studying different blood groups, Antiseras & Determining own blood group	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
33	09/10/17 To 11/10/17	RBC Count  Bleeding time (BT) & Clotting Time (CT)	i) Filling of RBC pipette & Calculation ii) Different methods of BT & CT & Calculation	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
34	12/10/17 To 14/10/17	Bleeding time (BT) & Clotting Time (CT)  RBC Count	i) Different methods of BT & CT & Calculation ii) Filling of RBC pipette & Calculation	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
35	<b>16/10/17 To 21/10/17</b>	<b>Diwali Vacation</b>		
36	23/10/17 to 25/10/17	<b>1<sup>st</sup> Continuous Assessment Examination</b>		
37	26/10/17 To 28/10/17	Peripheral blood smear	i) Preparation of smear, Studying different WBCs , Characteristics under microscopes & Calculation	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
38	30/10/17 To 01/11/17	DLC  Introduction to clinical examination	i)Preparation of smear, Studying different WBCs , Characteristics under microscopes & Calculation.	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
39	02/11/17 03/11/17 & 06/11/17	Introduction to clinical examination  DLC	i)Preparation of smear, Studying different WBCs , Characteristics under microscopes & Calculation.	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
40	07/11/17 To 09/11/17	Revision: Microscopy (WBC, RBC/DLC) Non Microscopy(Hb, Blood group, BT & CT) Exchange after 1 hr.	i)Preparation of smear, Studying different WBCs , Characteristics under microscopes & Calculation.	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai

41	10/11/17 & 11/11/17 & 16/11/17	Clinical examination of Arterial Pulse  Examination of venous pressure	i) Definition, importance, different pulse sites & method, Applied. ii) Method, Procedure, Principal & applied	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
42	13/11/17 To 15/11/17	<b>2<sup>nd</sup> Continuous Assessment Examination</b>		
43	17/11/17 To 18/11/17 20/11/17	Examination of venous pressure  Clinical examination of Arterial Pulse	i) Method, Procedure, Principal & applied ii) Definition, importance, different pulse sites & method, Applied.	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
44	21/11/17 To 23/11/17	Determination of Arterial Blood Pressure  Clinical examination of CVS	i) Symptoms, material, method, procedure & applied ii) Definition, material, method, procedure & applied	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
45	24/11/17 25/11/17 & 27/11/17	Clinical examination of CVS  Determination of Arterial Blood Pressure	i) Determination of Arterial Blood Pressure ii) Symptoms, material, method, procedure & applied	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
46	28/11/17 To 30/11/17	Revision Clinical examination of Pulse, JVP, Arterial Blood Pressure & CVS		Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
47	02/12/17 & 04/12/17 & 05/12/17	Clinical examination of Respiratory System	Symptoms, material, method, procedure & applied	Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
48	06/12/17 To 08/12/17	<b>Revision of Haematology:</b>  All Microscopic practicals practicals (WBC count, RBC count & DLC)  All non microscopic practicals (Hb estimation, Blood group, BT & CT) Exchange after 1 hr		Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
49	9/12/17 & 11/12/17 & 12/12/17	Revision: All clinical Practical (Pulse, JVP, Blood Pressure, CVS & RS)  Journal completion & Certification		Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai

50	13/12/17	Journal completion & certification		Dr. Seema Methre, Dr. Sheetal Salvi, Dr. Ashwini Patil, Dr. Ramya J. Dr. Nivedita Sirdesai
51	14/12/17 To 20/12/17	<b>Terminal Practical examination</b>		
52	21/12/17 To 23/12/17	<b>Terminal Theory examination</b>		
53	26/12/17 To 30/12/17	<b>Winter vacation</b>		

Dr. (Mrs.) N. G. Borade  
Prof. & HOD