Venue (Lectures) - LT-1						
Date	**Day**	**Time**	**Subject**	**Teaching learning activity**	**Topic**	**Name of the faculty/tutors**
1.8.17	Tuesday	9-10 am	Anatomy	Lecture	Introduction to Anatomy (Gross-I)	Dr T S Roy
		10 am-1 pm	Anatomy	Lecture-demo	Anatomical position and Terminologies (Micro–I)	Dr A Shariff
		2-3 pm	Anatomy	Demonstration	Introduction to Osteology	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Introduction to dissection	Faculty /Tutors
2.8.17	Wednesday	9 - 10am	Biochemistry	Lecture	Introduction to Biochemistry	Dr. SS Chauhan
		10-11 am	Anatomy	Lecture	Ultrastructure of cell (Micro-I)	Dr T C Nag
		11 am-1 pm	Anatomy	Lecture-demo	Principles of microanatomy and microscopy (Micro–II)	Dr A Shariff
		2-3 pm	Anatomy	Demonstration	Clavicle	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Tissues of the body	Faculty /Tutors
3.8.17	Thursday	9-10 am	Physiology	Lecture	Introduction to Department of Physiology	Dr. K K Deepak
		10 - 11am	Biochemistry	Lecture	Cell and its subcellular compartments	Dr. Subhradip Karmakar
		11-12 pm	Physiology	Lecture	Physiology : Basis of Medical Practice	Dr. A K Jaryal
		12-1 pm	Physiology	Lecture	Introduction to teaching in physiology	Dr. S Jain & Dr. A Talwar
		2 - 5pm	Biochemistry	Practical	Introduction to Biochemistry practicals, Instrumentation I	Dr. Archna Singh-1, Dr. Ashok (SR)
4.8.17	Friday	9-10 am	Physiology	Lecture	Principles of physiological control and homeostasis	Dr. A K Jaryal
		10 - 11am	Biochemistry	Lecture	Membrane structure and function	Dr. Subhradip Karmakar
		11am - 1pm	Biochemistry	PBL-1	Membrane structure and function	Dr. Subhradip Karmakar, Dr. Karthikeyan (SR), all residents
		2-3 pm	Physiology	Lecture	Ethics in animal experimentation	Dr. N Mehta
		3-4 pm	Physiology	Lecture	Autonomic control system in Maintenance of homeostasis	Dr. A K Jaryal
5.8.17	Saturday	9 - 10am	Biochemistry	Lecture	Mechanism of membrane transport	Dr. Subhradip Karmakar
		10-11 am	Anatomy	Lecture	Musculoskeletal system (Gross-II)	Dr R Sehgal
		11 am - 1 pm	Anatomy	Lecture-demo	Musculoskeletal system	Faculty /Tutors

7.8.17	Monday	9-10 am	Physiology	Lecture	Body fluids : intracellular and extracellular (interstitial and intravascular). Principle of measurement	Dr. A K Jaryal
		10 am - 1 pm		Practical	1.1 Recording of biological phenomena following electrical stimulation	Dr. H N Mallick, Dr. Shival, Dr. Ashish, Dr. Barun, Dr. Arani, Dr. Jeevitha, Dr. Megha, Dr. Sankalp, Dr. Eva, Dr. Anupriya, Dr. Pooja, Dr. Shaon
		10 am - 1 pm		Practical	1.2 Use of microscope, counting chambers and pipettes in hematology	Dr. D Ghosh, Dr. Navdeep, Dr. Sanjay, Dr. Vinay, Dr. Meena, Dr. Atanu, Dr. Vinit, Dr. Uditi, Dr. Manisha, Dr. Ambica, Dr. Vikas, Dr. Gagan
		2-5 pm		Practical	1.1 Recording of biological phenomena following electrical stimulation	Dr. H N Mallick, Dr. Shival, Dr. Ashish, Dr. Barun, Dr. Arani, Dr. Jeevitha, Dr. Megha, Dr. Sankalp, Dr. Eva, Dr. Anupriya, Dr. Pooja, Dr. Shaon
		2-5 pm		Practical	1. 2 Use of microscope, counting chambers and pipettes in hematology	Dr. D Ghosh, Dr. Navdeep, Dr. Sanjay, Dr. Vinay, Dr. Meena, Dr. Atanu, Dr. Vinit, Dr. Uditi, Dr. Manisha, Dr. Ambica, Dr. Vikas, Dr. Gagan
8.8.17	Tuesday	9-10 am	Anatomy	Lecture	Germ cells and fertilization (Embryo-I)	Dr P Dhar
		10 am-1 pm	Anatomy	Dissection	Pectoral region	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Mammary gland	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Pectoral region/Axilla	Faculty /Tutors
9.8.17	Wednesday	9 - 10 am	Biochemistry	Lecture	Amino acids: The building blocks of proteins	Dr. Pragyan Acharya
		10-11am	Anatomy	Lecture	Epithelial tissue (Micro-II)	Dr R Sehgal
		11 am-1 pm	Anatomy	Dissection/ Practical	Epithelial tissue/Axilla	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Scapula	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/ Practical	Epithelial tissue/Axilla	Faculty /Tutors

10.8.17	Thursday	9-10 am	Physiology	Lecture	Cellular and molecular Physiology 1: Cell and genetic control of cellular function	Dr. A K Jaryal
		10 - 11am	Biochemistry	Lecture	Proteins: Introduction	Dr. Pragyan Acharya
		11-12 pm	Physiology	Lecture	Introduction to blood and functions of plasma proteins	Dr. N Akhtar
		12-1 pm	Physiology	Lecture	Cellular and molecular Physiology 2 : Intercellular connections and communications	Dr. A K Jaryal
		2 - 5pm	Biochemistry	Practical	Instrumentation – II OSPE	Dr. Archna Singh-1, Dr. Sandeep Agrawal (SR)
11.8.17	Friday	9-10 am	Physiology	Lecture	Cell membrane : permeability and transport	Dr. A K Jaryal
		10 - 11am	Biochemistry	Lecture	Structural organization & conformation of proteins	Dr. MR Rajeswari
		11am - 1pm	Biochemistry	PBL-1 (contd)	Membrane structure and function	Dr. Subhradip Karmakar, Dr. Karthikeyan (SR), all residents
		2-3 pm	Physiology	Lecture	Principles of hemopoeisis	Dr. N Akhtar
		3-4 pm	Physiology	Tutorial	General Physiology **Tutorial 1**	Dr. A K Jaryal
12.8.17	Saturday	9-10 am	Anatomy	Lecture	Introduction to Nervous system (Gross-III)	Dr S B Ray
		10 am-1 pm	Anatomy	Dissection	Axilla	Faculty /Tutors

14.8.17	Monday	9-10 am	Physiology	Lecture	Erythropoeisis and its regulation	Dr. N Akhtar
		10 am - 1 pm		Practical	2.1 To study the excitable & contractile properties in an amphibian nerve muscle preparation & Demonstration of isotonic contraction (B) Effect of threshold, subthreshold & suprathreshold stimuli (C) Effect of two or more successive stimuli	Dr. D S Chandran Dr. Sanjay, Dr. Atanu, Dr. Manisha,Dr. Anant, Dr. Ambica, Dr. Vikas, Dr. Shaon
					2.2 Preparation of blood film and identification of cells in peripheral blood sample	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
					2.3 Total red blood cells in peripheral blood sample	Dr. A Talwar Dr. Shival, Dr. Arani, Dr. Vinit,
					2.4 Estimation of hemoglobin concentration in peripheral blood sample Determination of osmotic fragility of erythrocytes	Dr. S Jain Dr. Vinay, Dr. Meena, Dr. Megha, Dr. Sankalp,Dr. Eva, Dr. Gagan
					2.5 Total white blood cells in peripheral blood sample	Dr. N Mehta Dr. Navdeep, Dr. Barun, Dr. Uditi, Dr. Anupriya,
		2-5 pm			2.1 To study the excitable & contractile properties in an amphibian nerve muscle preparation & Demonstration of isotonic contraction (B) Effect of threshold, subthreshold & suprathreshold stimuli (C) Effect of two or more successive stimuli	Dr. D S Chandran Dr. Sanjay, Dr. Atanu, Dr. Manisha,Dr. Anant, Dr. Ambica, Dr. Vikas, Dr. Shaon
				Practical	2.2 Preparation of blood film and identification of cells in peripheral blood sample	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
					2.3 Total red blood cells in peripheral blood sample	Dr. A Talwar Dr. Shival, Dr. Arani, Dr. Vinit,
					2.4 Estimation of hemoglobin concentration in peripheral blood sample Determination of osmotic fragility of erythrocytes	Dr. S Jain Dr. Vinay, Dr. Meena, Dr. Megha, Dr. Sankalp,Dr. Eva, Dr. Gagan
					2.5 Total white blood cells in peripheral blood sample	Dr. N Mehta Dr. Navdeep, Dr. Barun, Dr. Uditi, Dr. Anupriya,
16.8.17	Wednesday	9 - 10am	Biochemistry	Lecture	Methods of studying proteins, concept and application of proteomics	Dr. MR Rajeswari
		10-11am	Anatomy	Lecture	Connective tissue –I (Micro –III)	Dr R Dada
		11 am-1 pm	Anatomy	Dissection/ Practical	Connective tissue/Axilla	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Brachial plexus	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/ Practical	Connective tissue/Axilla	Faculty /Tutors

17.8.17	Thursday	9-10 am	Physiology	Lecture	Applied physiology: Teaching, Research and Clinical	Dr. A K Jaryal
		10 - 11am	Biochemistry	Lecture	Plasma proteins :Classification and function	Dr. Rakhee Yadav
		11-12 pm	Physiology	Lecture	Integrative Physiology : Mind - Body interaction	Dr. A K Jaryal
		12-1 pm	Physiology	Tutorial	Hematology - **Tutorial 1**	Dr. N Akhtar
		2 - 5pm	Biochemistry	Practical	Paper chromatography	Dr. Pragyan Acharya, Dr. Prajwal A (JR), Dr. Sandeep Agrawal (SR)
18.8.17	Friday	9-10 am	Physiology	Lecture	Physicochemical properties of cell membrane	Dr.D S Chandran
		10 - 11am	Biochemistry	Lecture	Hemoglobin: Structure and function	Dr. Archana Singh-2
		11am - 1pm	Biochemistry	PBL-2	Hemoglobin: Structure and function	Dr. Archana Singh-2, Dr. Janvie (SR), all residents
		2-3 pm	Physiology	Lecture	Functions of RBC; Hemoglobin,iron metabolism & hemoglobinopathies	Dr. N Akhtar
		3-4 pm	Physiology	Tutorial	General Physiology **Tutorial 2**	Dr. A K Jaryal
19.8.17	Saturday	9 - 10am	Biochemistry	Lecture	Hemoglobin contd.	Dr. Archana Singh-2
		10-11 am	Anatomy	Lecture	Axilla (Gross-IV)	Dr S Singh
		10 am - 1 pm	Anatomy	Dissection	Back	Faculty /Tutors

21.8.17	Monday	9-10 am	Physiology	Lecture	Properties of nerve fibres	Dr. D S Chandran
		10 am - 1 pm		Practical	2.1 To study the excitable & contractile properties in an amphibian nerve muscle preparation & Demonstration of isotonic contraction (B) Effect of threshold, subthreshold & suprathreshold stimuli (C) Effect of two or more successive stimuli	Dr. D S Chandran Dr. Sanjay, Dr. Atanu, Dr. Manisha,Dr. Anant, Dr.
		10 am - 1 pm		Practical	2.2 Preparation of blood film and identification of cells in peripheral blood sample	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
		10 am - 1 pm		Practical	2.3 Total red blood cells in peripheral blood sample	Dr. A Talwar Dr. Shival, Dr. Arani, Dr. Vinit,
		10 am - 1 pm		Practical	2.4 Estimation of hemoglobin concentration in peripheral blood sample Determination of osmotic fragility of erythrocytes	Dr. S Jain Dr. Vinay, Dr. Meena, Dr. Megha, Dr. Sankalp,Dr. Eva, Dr. Gagan
		10 am - 1 pm		Practical	2.5 Total white blood cells in peripheral blood sample	Dr. N Mehta Dr. Navdeep, Dr. Barun, Dr. Uditi, Dr. Anupriya,
					2.1 To study the excitable & contractile properties in an amphibian nerve muscle preparation & Demonstration of isotonic contraction (B) Effect of threshold, subthreshold & suprathreshold stimuli (C)	Dr. D S Chandran Dr. Sanjay, Dr. Atanu, Dr. Manisha,Dr.
		2-5 pm		Practical	2.2 Preparation of blood film and identification of cells in peripheral blood sample	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
		2-5 pm		Practical	2.3 Total red blood cells in peripheral blood sample	Dr. A Talwar Dr. Shival, Dr. Arani, Dr. Vinit,
		2-5 pm		Practical	2.4 Estimation of hemoglobin concentration in peripheral blood sample Determination of osmotic fragility of erythrocytes	Dr. S Jain Dr. Vinay, Dr. Meena, Dr. Megha, Dr. Sankalp,Dr. Eva, Dr. Gagan
		2-5 pm		Practical	2.5 Total white blood cells in peripheral blood sample	Dr. N Mehta Dr. Navdeep, Dr. Barun, Dr. Uditi, Dr. Anupriya,
22.8.17	Tuesday	9-10 am	Anatomy	Lecture	Implantation and early development (Embryo –II)	Dr P Dhar
		10 am-1 pm	Anatomy	Dissection	Back	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Humerus	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Scapular region	Faculty /Tutors

23.8.17	Wednesday	9 - 10am	Biochemistry	Lecture	Iron metabolism and regulation	Dr. Rakhee Yadav
		10-11 am	Anatomy	Lecture	Connective tissue –II (Micro –IV)	Dr R Dada
		11 am-1 pm	Anatomy	Dissection/ Practical	Connective tissue/Scapular region	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Revision of Clavicle, Scapula and Humerus	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/ Practical	Connective tissue/Scapular region	Faculty /Tutors
24.8.17	Thursday	9-10 am	Physiology	Lecture	Action potential and its propagation	Dr. D S Chandran
		10 - 11am	Biochemistry	Lecture	Mineral metabolism & trace elements	Dr. Archna Singh-1
		11-12 pm	Physiology	Lecture	Destruction of red blood cell Physiological basis of jaundice	Dr. N Akhtar
		12-1 pm	Physiology	Lecture	Neuromuscular transmission	Dr. D S Chandran
		2 - 5pm	Biochemistry	Practical	Estimation of serum proteins, A:G Ratio	Dr. Rakhee Yadav, Dr. Diravya Seelan (JR), Dr. Ashikh Seethy (SR)
25.8.17	Friday	9-10 am	Physiology	Lecture	Applied aspects of neuromuscular transmission	Dr. D S Chandran
		10 - 11am	Biochemistry	Lecture	Enzymes: Introduction, classification and nomenclature	Dr. Jayanth Kumar
		11am - 1pm	Biochemistry	PBL-2 (contd)	Hemoglobin: Structure and function	Dr. Archana Singh-2, Dr. Janvie (SR), all residents
		2-3 pm	Physiology	Lecture	Classification and physiological basis of anemia	Dr. N Akhtar
		3-4 pm	Physiology	Tutorial	Nerve muscle physiology - **Tutorial 1**	Dr. D S Chandran
26.8.17	Saturday	9-10 am	Anatomy	Lecture	First three weeks of development (Embryo –III)	Dr P Dhar
		10 am-1 pm	Anatomy	Dissection	Shoulder region	Faculty /Tutors

28.8.17	Monday	9-10 am	Physiology	Lecture	Physiological basis of investigations for anemia and jaundice	Dr. N Akhtar
		10 am - 1 pm		Practical	2.1 To study the excitable & contractile properties in an amphibian nerve muscle preparation & Demonstration of isotonic contraction (B) Effect of threshold, subthreshold & suprathreshold stimuli (C) Effect of two or more successive stimuli	Dr. D S Chandran Dr. Sanjay, Dr. Atanu, Dr. Manisha,Dr. Anant, Dr. Ambica, Dr. Vikas, Dr. Shaon
				Practical	2.2 Preparation of blood film and identification of cells in peripheral blood sample	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
				Practical	2.3 Total red blood cells in peripheral blood sample	Dr. A Talwar Dr. Shival, Dr. Arani, Dr. Vinit,
				Practical	2.4 Estimation of hemoglobin concentration in peripheral blood sample Determination of osmotic fragility of erythrocytes	Dr. S Jain Dr. Vinay, Dr. Meena, Dr. Megha, Dr. Sankalp,Dr. Eva, Dr. Gagan
				Practical	2.5 Total white blood cells in peripheral blood sample	Dr. N Mehta Dr. Navdeep, Dr. Barun, Dr. Uditi, Dr. Anupriya,
					2.1 To study the excitable & contractile properties in an amphibian nerve muscle preparation & Demonstration of isotonic contraction (B) Effect of threshold, subthreshold & suprathreshold stimuli (C) Effect of two or more successive stimuli	Dr. D S Chandran Dr. Sanjay, Dr. Atanu, Dr. Manisha,Dr. Anant, Dr.
		2-5 pm		Practical	2.2 Preparation of blood film and identification of cells in peripheral blood sample	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
				Practical	2.3 Total red blood cells in peripheral blood sample	Dr. A Talwar Dr. Shival, Dr. Arani, Dr. Vinit,
				Practical	2.4 Estimation of hemoglobin concentration in peripheral blood sample Determination of osmotic fragility of erythrocytes	Dr. S Jain Dr. Vinay, Dr. Meena, Dr. Megha, Dr. Sankalp,Dr. Eva, Dr. Gagan
				Practical	2.5 Total white blood cells in peripheral blood sample	Dr. N Mehta Dr. Navdeep, Dr. Barun, Dr. Uditi, Dr. Anupriya,
29.8.17	Tuesday	9-10 am	Anatomy	Lecture	Pectoral girdle: Joints and movements (Gross-V)	Dr S Kaler
		10 am-1 pm	Anatomy	Dissection	Shoulder joint & shoulder girdle	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Shoulder joint	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Detachment of upper limb and shoulder joint	Faculty /Tutors

30.8.17	Wednesday	9 - 10am	Biochemistry	Lecture	Principles of enzymatic catalysis	Dr. Jayanth Kumar
		10-11 am	Anatomy	Lecture	Muscular tissue (Micro –V)	Dr T G Jacob
		11 am-1 pm	Anatomy	Practical	Muscular tissue/Front of arm	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Ulna	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Muscular tissue/Front of arm	Faculty /Tutors
31.8.17	Thursday	9-10 am	Physiology	Lecture	Granulopoesis: Principles and regulation	Dr. N Akhtar
		10 - 11am	Biochemistry	Lecture	Enzyme- substrate interactions	Dr. Jayanth Kumar
		11-12 pm	Physiology	Lecture	Introduction to muscle: Structural and functional relationship	Dr. D S Chandran
		12-1 pm	Physiology	Lecture	Function and fate of white blood cells	Dr. N Akhtar
		2 - 5pm	Biochemistry	Practical	Estimation of amylase activity	Dr. Jayanth Kumar and Dr. Ankita (JR) and Dr. Shiba (SR)
1.9.17	Friday	9-10 am	Physiology	Lecture	Excitation-contraction coupling	Dr. D S Chandran
		10 - 11am	Biochemistry	lecture	Enzyme kinetics	Dr. Jayanth Kumar
		11am - 1pm		Tutorial	Heme synthesis and Porphyrias	Dr. Archana Singh-2
		2-3 pm	Physiology	Lecture	Energetic of nerve and muscle: Work physiology	Dr. D S Chandran
		3-4 pm	Physiology	Tutorial	Hematology - **Tutorial 2**	Dr. N Akhtar

4.9.17	Monday	9-10 am	Physiology	Lecture	Physiology of immune system: innate immunity	Dr. N Akhtar
		10 am - 1 pm		Practical	3.1 Differential leucocyte count	Dr. R K Yadav Dr. Ashish, Dr. Shival, Dr. Anant,Dr. Ambica,
				Practical	3.2 Platelet count	Dr. A Patil Dr. Arani, Dr. Uditi, Dr. Anupriya,
				Practical	3.3 Determination of prothrombin time, bleeding time, clotting time and blood groups	Dr. G Bade Dr. Barun, Dr. Sankalp, Dr. Shaon
				Practical	3.4 Study of work performed by skeletal muscle using amphibian nerve muscle preparation under (a) free loading and (b) after loading conditions	Dr. Akanksha Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	3.5 To study (a) Isometric contraction (b) Length – tension relationship	Dr. R Netam Dr. Sanjay, Dr. Vinit, Dr. Vikas, Dr. Pooja
				Practical	3.6 Determination of ESR & PCV Calculation of absolute values Examination of bone marrow smears	Dr. S Kaur Dr. Navdeep, Dr. Meena, Dr. Jeevitha,
		2-5 pm		Practical	3.1 Differential leucocyte count	Dr. R K Yadav Dr. Ashish, Dr. Shival, Dr. Anant,Dr. Ambica,
				Practical	3.2 Platelet count	Dr. A Patil Dr. Arani, Dr. Uditi, Dr. Anupriya,
				Practical	3.3 Determination of prothrombin time, bleeding time, clotting time and blood groups	Dr. G Bade Dr. Barun, Dr. Sankalp, Dr. Shaon
				Practical	3.4 Study of work performed by skeletal muscle using amphibian nerve muscle preparation under (a) free loading and (b) after loading conditions	Dr. Akanksha Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	3.5 To study (a) Isometric contraction (b) Length – tension relationship	Dr. R Netam Dr. Sanjay, Dr. Vinit, Dr. Vikas, Dr. Pooja
				Practical	3.6 Determination of ESR & PCV Calculation of absolute values Examination of bone marrow smears	Dr. S Kaur Dr. Navdeep, Dr. Meena, Dr. Jeevitha,
5.9.17	Tuesday	9-10 am	Anatomy	Lecture	Pattern of single gene inheritance (Genetics –I)	Dr. A. Sharma
		10 am-1 pm	Anatomy	Dissection	Front of arm	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Radius	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Cubital fossa	Faculty /Tutors

6.9.17	Wednesday	9 - 10am	Biochemistry	Lecture	Regulation of enzyme activity	Dr. Jayanth Kumar
		10-11am	Anatomy	Lecture	Neuron, neuroglia and nerves (Micro-VI)	Dr T C Nag
		11 am-1 pm	Anatomy	Dissection/Practical	Neuron, neuroglia and nerves/Back of arm	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Revision of radius and ulna	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/Practical	Neuron, neuroglia and nerves/Back of arm	Faculty /Tutors
7.9.17	Thursday	9-10 am	Physiology	Lecture	Physiology of immune system: adaptive immunity	Dr. N Akhtar
		10 - 11am	Biochemistry	Lecture	Application of enzymes and drug designing	Dr. Riyaz A. Mir
		11-12 pm	Physiology	Lecture	Development, functions and fate of platelets	Dr. N Akhtar
		12-1 pm	Physiology	Tutorial	Nerve muscle physiology - **Tutorial 2**	Dr. D S Chandran
		2 - 5pm	Biochemistry	Practical	Effect of pH and EDTA on amylase activity	Dr. Jayanth Kumar, Dr. Nidhi (JR), Dr. Janvie (SR)
8.9.17	Friday	9-10 am	Physiology	Lecture	Hemostasis and pathophysiology of Thrombosis	Dr. N Akhtar
		10 - 11am	Biochemistry	Lecture	Isoenzymes; enzymes in clinical practice	Dr. Rakhee Yadav
		11 - 1pm	Biochemistry	Tutorial	Enzymes	Dr. Jayanth Kumar, Dr. Shiba Ansari (SR) & all residents
		2-4 pm	Physiology	Film Show	Film show I: Physiological mechanisms (2 hours)	Dr. Akanksha
9.9.17	Saturday	9-10 am	Anatomy	Lecture	Placenta (Embryo –IV)	Dr R Dhingra
		10 am-1 pm	Anatomy	Dissection	Front of forearm	Faculty /Tutors

11.9.17	Monday	9-10 am	Physiology	Lecture	Injury and repair in nerve and muscle	Dr. D S Chandran
		10 am - 1 pm		Practical	3.1 Differential leucocyte count	Dr. R K Yadav Dr. Ashish, Dr. Shival, Dr. Anant,Dr. Ambica,
				Practical	3.2 Platelet count	Dr. A Patil Dr. Arani, Dr. Uditi, Dr. Anupriya,
				Practical	3.3 Determination of prothrombin time, bleeding time, clotting time and blood groups	Dr. G Bade Dr. Barun, Dr. Sankalp, Dr. Shaon
				Practical	3.4 Study of work performed by skeletal muscle using amphibian nerve muscle preparation under (a) free loading and (b) after loading conditions	Dr. Akanksha Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	3.5 To study (a) Isometric contraction (b) Length – tension relationship	Dr. R Netam Dr. Sanjay, Dr. Vinit, Dr. Vikas, Dr. Pooja
				Practical	3.6 Determination of ESR & PCV Calculation of absolute values Examination of bone marrow smears	Dr. S Kaur Dr. Navdeep, Dr. Meena, Dr. Jeevitha,
		2-5 pm		Practical	3.1 Differential leucocyte count	Dr. R K Yadav Dr. Ashish, Dr. Shival, Dr. Anant,Dr. Ambica,
				Practical	3.2 Platelet count	Dr. A Patil Dr. Arani, Dr. Uditi, Dr. Anupriya,
				Practical	3.3 Determination of prothrombin time, bleeding time, clotting time and blood groups	Dr. G Bade Dr. Barun, Dr. Sankalp, Dr. Shaon
				Practical	3.4 Study of work performed by skeletal muscle using amphibian nerve muscle preparation under (a) free loading and (b) after loading conditions	Dr. Akanksha Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	3.5 To study (a) Isometric contraction (b) Length – tension relationship	Dr. R Netam Dr. Sanjay, Dr. Vinit, Dr. Vikas, Dr. Pooja
				Practical	3.6 Determination of ESR & PCV Calculation of absolute values Examination of bone marrow smears	Dr. S Kaur Dr. Navdeep, Dr. Meena, Dr. Jeevitha,
12.9.17	Tuesday	9-10 am	Anatomy	Lecture	Embryonic period (Embryo –V)	Dr A Shariff
		10 am-1 pm	Anatomy	Dissection	Cubital fossa	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Skeleton of Hand -I	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Front of forearm	Faculty /Tutors

13.9.17	Wednesday	9 - 10am	Biochemistry	Lecture	Carbohydrates: chemistry and function	Dr. Ashok Sharma
		10-11am	Anatomy	Lecture	Development of body form and age determination (Embryo-VI)	Dr A Shariff
		11 am-1 pm	Anatomy	Dissection/ Practical	Embryo practical-I /Palm	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Surface anatomy of upper limb	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/ Practical	Embryo practical-I /Palm	Faculty /Tutors
14.9.17	Thursday	9-10 am	Physiology	Lecture	Blood groups, physiological basis of blood transfusion and its reactions	Dr. N Akhtar
		10 - 11am	Biochemistry	Lecture	Complex carbohydrates	Dr. Ashok Sharma
		11-12 pm	Physiology	Lecture	Physiology of smooth muscle-I	Dr. D S Chandran
		12-1 pm	Physiology	Tutorial	Hematology - **Tutorial 3**	Dr. N Akhtar
		2 - 5pm	Biochemistry	Practical	Estimation of LDH activity	Dr P Chattopadhyay, Dr. Elza (JR), Dr. Shiba Ansari (SR)
15.9.17	Friday	9-10 am	Physiology	Lecture	PBL- Hematology	Dr. N Akhtar
		10 - 11am	Biochemistry	Lecture	Introduction to metabolism, pathway of glucose metabolism	Dr. Kalpana Luthra
		11am - 1pm	Biochemistry	Tutorial	The glycolytic pathway & its regulation	Dr. P. Chattopadhyay
		2-3 pm	Physiology	Lecture	Neuromusular physiology quiz (2 Hours)	Dr. D S Chandran
		3-4 pm	Physiology	Tutorial	Neuromusular physiology quiz (2 Hours)	Dr. D S Chandran
Culutural week (16th to 22nd September, 2017)						
23.9.17	Saturday	9-10 am	Anatomy	Lecture	Hand (Gross-VI)	Dr N Rani
		10 am-1 pm	Anatomy	Dissection	Palm	Faculty /Tutors

25.9.17	Monday	9-10 am	Physiology	Lecture	Physiology of smooth muscle-II	Dr. D S Chandran
		10 am - 1 pm		Practical	3.1 Differential leucocyte count	Dr. R K Yadav Dr. Ashish, Dr. Shival, Dr. Anant,Dr. Ambica,
				Practical	3.2 Platelet count	Dr. A Patil Dr. Arani, Dr. Uditi, Dr. Anupriya,
				Practical	3.3 Determination of prothrombin time, bleeding time, clotting time and blood groups	Dr. G Bade Dr. Barun, Dr. Sankalp, Dr. Shaon
				Practical	3.4 Study of work performed by skeletal muscle using amphibian nerve muscle preparation under (a) free loading and (b) after loading conditions	Dr. Akanksha Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	3.5 To study (a) Isometric contraction (b) Length – tension relationship	Dr. R Netam Dr. Sanjay, Dr. Vinit, Dr. Vikas, Dr. Pooja
				Practical	3.6 Determination of ESR & PCV Calculation of absolute values Examination of bone marrow smears	Dr. S Kaur Dr. Navdeep, Dr. Meena, Dr. Jeevitha,
		2-5 pm		Practical	3.1 Differential leucocyte count	Dr. R K Yadav Dr. Ashish, Dr. Shival, Dr. Anant,Dr. Ambica,
				Practical	3.2 Platelet count	Dr. A Patil Dr. Arani, Dr. Uditi, Dr. Anupriya,
				Practical	3.3 Determination of prothrombin time, bleeding time, clotting time and blood groups	Dr. G Bade Dr. Barun, Dr. Sankalp, Dr. Shaon
				Practical	3.4 Study of work performed by skeletal muscle using amphibian nerve muscle preparation under (a) free loading and (b) after loading conditions	Dr. Akanksha Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	3.5 To study (a) Isometric contraction (b) Length – tension relationship	Dr. R Netam Dr. Sanjay, Dr. Vinit, Dr. Vikas, Dr. Pooja
				Practical	3.6 Determination of ESR & PCV Calculation of absolute values Examination of bone marrow smears	Dr. S Kaur Dr. Navdeep, Dr. Meena, Dr. Jeevitha,
26.9.17	Tuesday	9-10 am	Anatomy	Lecture	How to prepare for mid-semester exam	Dr. R Sehgal
		10 am-1 pm	Anatomy	Dissection	Palm	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Radiology of upper limb	Dr Manisha Jana, Radiology
		3-5 pm	Anatomy	Dissection	Back of forearm & dorsum of hand	Faculty /Tutors

27.9.17	Wednesday	9 - 10am	Biochemistry	Lecture	Gluconeogenesis & its regulation	Dr. P. Chattopadhyay
		10-11am	Anatomy	Lecture	Nerves and nerve lesions of upper limb (Gross-VII)	Dr S Singh
		11 am-1 pm	Anatomy	Demonstration	Elbow & wrist joint and joints of hand	Faculty /Tutors
		2-3 pm	Anatomy	Lecture	Skeleton of Hand -II	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Revision	Faculty /Tutors
28.9.17	Thursday	9-10 am	Physiology	Lecture	Revision Lecture General Physiology	Dr. A K Jaryal
		10 - 11am	Biochemistry	Lecture	Co-ordinated regulation of glycolysis and gluconeogenesis	Dr. P. Chattopadhyay
		11-12 pm	Physiology	Lecture	Revision Lecture Hematology	Dr. N Akhtar
		12-1 pm	Physiology	Tutorial	Nerve muscle physiology - **Tutorial 3**	Dr. D S Chandran
		2 - 5pm	Biochemistry	Practical	Serum protein electrophoresis	Dr. Rakhee Yadav, Dr. Gaurav (JR) and Dr. Karthikeyan (SR)
29.9.17	Friday	9-10 am	Physiology	Lecture	Revision Lecture Nerve Muscle Physiology	Dr. D S Chandran
		10 - 11am	Biochemistry	Lecture	Glycogenesis	Dr. Sudip Sen
		11am - 1pm	Biochemistry	Lecture	Glycogenolysis; Revision	Dr. Sudip Sen
		2-4 pm	Physiology	Lecture	Film show II: Physiological mechanisms (2 hours)	Dr. G Bade
FIRST MID SEMESTER EXAMINATION: 3rd to 13th October, 2017 SUPPLEMENTARY EXAMINATION (1st week of November, 2017)						
14.10.17	Saturday	10 am-1 pm	Anatomy	Dissection/ demonstration	Introduction to Thorax	Faculty /Tutors

16.10.17	Monday	9-10 am	Physiology	Lecture	Introduction, Functional anatomy of heart	Dr. A Talwar
		10 am - 1 pm		Practical	4.1Study of human fatigue using: (a) Mosso's ergograph (b) Handgrip dynamometer	Dr. N Akhtar Dr. Meena, Dr. Manisha, Dr. Vikas
				Practical	4.2 Determination of eosinophil count Determination of reticulocyte count	Dr. K P kochhar Dr. Atanu, Dr. Uditi, Dr. Anupriya
				Practical	4.3 Determination of blood pressure in a human subject	Dr. R Sharma Dr. Arani, Dr. Vinit, Dr. Pooja
				Practical	4.4 Study of the properties of cardiac muscle in the frog	Dr. P Tayade Dr. Shival, Dr. Ashish, Dr. jeevitha, Dr. Megha, Dr. Ambica, Dr. Shaon
				Practical	4.5 Study of neuromuscular transmission in an amphibian nerve muscle preparation: (a) phenomenon of fatigue (b) site of fatigue* (c) neuromuscular blocking	Dr. A K Jaryal Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	4.6 Clinical examination of respiratory system	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
		2-5 pm		Practical	4.1Study of human fatigue using: (a) Mosso's ergograph (b) Handgrip dynamometer	Dr. N Akhtar Dr. Meena, Dr. Manisha, Dr. Vikas
				Practical	4.2 Determination of eosinophil count Determination of reticulocyte count	Dr. K P kochhar Dr. Atanu, Dr. Uditi, Dr. Anupriya
				Practical	4.3 Determination of blood pressure in a human subject	Dr. R Sharma Dr. Arani, Dr. Vinit, Dr. Pooja
				Practical	4.4 Study of the properties of cardiac muscle in the frog	Dr. P Tayade Dr. Shival, Dr. Ashish, Dr. jeevitha, Dr. Megha, Dr. Ambica, Dr. Shaon
				Practical	4.5 Study of neuromuscular transmission in an amphibian nerve muscle preparation: (a) phenomenon of fatigue (b) site of fatigue* (c) neuromuscular blocking	Dr. A K Jaryal Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	4.6 Clinical examination of respiratory system	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
17.10.17	Tuesday	9-10 am	Anatomy	Lecture	Molecular regulation of development (Genetics –II)	Dr. R Dada
		10 am-12pm	Anatomy	Dissection	Thoracic wall	Faculty /Tutors
		12 pm-1pm	Anatomy	Demonstration	Spinal cord and its blood supply	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Sternum	Faculty /Tutors
		3-5pm	Anatomy	Dissection	Thoracic wall	Faculty /Tutors

18.10.17	Wednesday	9 - 10am	Biochemistry	Lecture	Galactose and fructose metabolism	Dr. Ashok Sharma
		10-11am	Anatomy	Lecture	Cardiovascular system (Micro- VII)	Dr. A. Shariff
		11 am-1 pm	Anatomy	Dissection/ Practical	Thoracic wall/ Cardiovascular system	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Ribs	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/ Practical	Thoracic wall/ Cardiovascular system	Faculty /Tutors
20.10.17	Friday	9-10 am	Physiology	Lecture	Introduction to respiratory system.	Dr. N Mehta
		10 - 11am	Biochemistry	Lecture	Regulation of blood glucose	Dr. Kalpana Luthra
		11am - 1pm	Biochemistry	Case discussion	Glycogen storage diseases	Dr. Sudip Sen, Dr. Sandeep Agrawal (SR), all residents
		2-3 pm	Physiology	Lecture	Properties of cardiac muscle	Dr. A Talwar
		3-4 pm		Lecture	Functional anatomy of respiratory system	Dr. N Mehta
21.10.17	Saturday	9-10 am	Anatomy	Lecture	Non-Mendelian pattern of inheritance (Genetics –III)	Dr. A. Sharma
		10 am-1 pm	Anatomy	Dissection	Thoracic wall	Faculty /Tutors

23.10.17	Monday	9-10 am	Physiology	Lecture	Mechanics of respiration	Dr. N Mehta
		10 am - 1 pm		Practical	4.1Study of human fatigue using: (a) Mosso's ergograph (b) Handgrip dynamometer	Dr. N Akhtar Dr. Meena, Dr. Manisha, Dr. Vikas
				Practical	4.2 Determination of eosinophil count Determination of reticulocyte count	Dr. K P kochhar Dr. Atanu, Dr. Uditi, Dr. Anupriya
				Practical	4.3 Determination of blood pressure in a human subject	Dr. R Sharma Dr. Arani, Dr. Vinit, Dr. Pooja
				Practical	4.4 Study of the properties of cardiac muscle in the frog	Dr. P Tayade Dr. Shival, Dr. Ashish, Dr. jeevitha, Dr. Megha, Dr. Ambica, Dr. Shaon
				Practical	4.5 Study of neuromuscular transmission in an amphibian nerve muscle preparation: (a) phenomenon of fatigue (b) site of fatigue* (c) neuromuscular blocking	Dr. A K Jaryal Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	4.6 Clinical examination of respiratory system	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
		2-5 pm		Practical	4.1Study of human fatigue using: (a) Mosso's ergograph (b) Handgrip dynamometer	Dr. N Akhtar Dr. Meena, Dr. Manisha, Dr. Vikas
				Practical	4.2 Determination of eosinophil count Determination of reticulocyte count	Dr. K P kochhar Dr. Atanu, Dr. Uditi, Dr. Anupriya
				Practical	4.3 Determination of blood pressure in a human subject	Dr. R Sharma Dr. Arani, Dr. Vinit, Dr. Pooja
				Practical	4.4 Study of the properties of cardiac muscle in the frog	Dr. P Tayade Dr. Shival, Dr. Ashish, Dr. jeevitha, Dr. Megha, Dr. Ambica, Dr. Shaon
				Practical	4.5 Study of neuromuscular transmission in an amphibian nerve muscle preparation: (a) phenomenon of fatigue (b) site of fatigue* (c) neuromuscular blocking	Dr. A K Jaryal Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	4.6 Clinical examination of respiratory system	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
24.10.17	Tuesday	9-10 am	Anatomy	Lecture	Exocrine glands (Micro-VIII)	Dr T C Nag
		10 am-12 pm	Anatomy	Dissection/ Practical	Thoracic wall/ Exocrine gland	Faculty /Tutors
		12 pm-1pm	Anatomy	Demonstration	Meninges and external features of brain	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Thoracic vertebra	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/ Practical	Thoracic wall/ Exocrine gland	Faculty /Tutors

25.10.17	Wednesday	9 - 10am	Biochemistry	Lecture	TCA Cycle	Dr. K Chosdol
		10-11am	Anatomy	Lecture	Thoracic wall (Gross-VIII)	Dr S Kaler
		11 am-1 pm	Anatomy	Dissection	Lungs and pleura	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Brain and its blood vessels	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Lungs and pleura	Faculty /Tutors
26.10.17	Thursday	9-10 am	Physiology	Lecture	Action potential and spread of impulse in the heart	Dr. A Talwar
		10 - 11am	Biochemistry	Lecture	The TCA cycle as a metabolic hub	Dr. K Chosdol
		11-12 pm	Physiology	Lecture	Composition of respired air and pulmonary ventilation	Dr. N Mehta
		12-1 pm	Physiology	Feedback	Feedback - First Mid semester examination	All course coordinators and residents
		2 - 5pm	Biochemistry	Practical	Blood glucose	Dr. K. Luthra, Dr. Jasmine (JR) and Dr. Sandeep (SR)
27.10.17	Friday	9-10 am	Physiology	Lecture	Lung volumes, capacities and assisted ventilation	Dr. N Mehta
		10 - 11am	Biochemistry	Lecture	HMP Shunt	Dr. K Chosdol
		11am - 1pm	Biochemistry	Case discussion	Clinical case discussion on carbohydrate metabolism	Dr. P. Chattopadhyay, Dr. Janvie (SR) and all residents
		2-3 pm	Physiology	Lecture	Excitation-contraction coupling in myocardium	Dr. A Talwar
		3-4 pm	Physiology	Tutorial	Respiratory physiology - **Tutorial 1**	Dr. N Mehta
28.10.17	Saturday	9 - 10am	Biochemistry	Lecture	Electron transport chain, ATP synthesis	Dr. Riyaz A. Mir
		10-11 am	Anatomy	Lecture	Development of Coelom, body cavities & diaphragm (Embryo -VII)	Dr T S Roy
		11 am - 1 pm	Anatomy	Dissection	Pleura and Lungs	Faculty /Tutors

30.10.17	Monday	9-10 am	Physiology	Lecture	Exchange of gases in the lungs	Dr. N Mehta
		10 am - 1 pm		Practical	4.1Study of human fatigue using: (a) Mosso's ergograph (b) Handgrip dynamometer	Dr. N Akhtar Dr. Meena, Dr. Manisha, Dr. Vikas
				Practical	4.2 Determination of eosinophil count Determination of reticulocyte count	Dr. K P kochhar Dr. Atanu, Dr. Uditi, Dr. Anupriya
				Practical	4.3 Determination of blood pressure in a human subject	Dr. R Sharma Dr. Arani, Dr. Vinit, Dr. Pooja
				Practical	4.4 Study of the properties of cardiac muscle in the frog	Dr. P Tayade Dr. Shival, Dr. Ashish, Dr.
				Practical	4.5 Study of neuromuscular transmission in an amphibian nerve muscle preparation: (a) phenomenon of fatigue (b) site of fatigue* (c) neuromuscular blocking	Dr. A K Jaryal Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	4.6 Clinical examination of respiratory system	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr. Pooja
		2-5 pm		Practical	4.1Study of human fatigue using: (a) Mosso's ergograph (b) Handgrip dynamometer	Dr. N Akhtar Dr. Meena, Dr. Manisha, Dr. Vikas
				Practical	4.2 Determination of eosinophil count Determination of reticulocyte count	Dr. K P kochhar Dr. Atanu, Dr. Uditi, Dr. Anupriya
				Practical	4.3 Determination of blood pressure in a human subject	Dr. R Sharma Dr. Arani, Dr. Vinit, Dr. Pooja
				Practical	4.4 Study of the properties of cardiac muscle in the frog	Dr. P Tayade Dr. Shival, Dr. Ashish, Dr. jeevitha, Dr. Megha, Dr.
				Practical	4.5 Study of neuromuscular transmission in an amphibian nerve muscle preparation: (a) phenomenon of fatigue (b) site of fatigue* (c) neuromuscular blocking	Dr. A K Jaryal Dr. Vinay, Dr. Atanu, Dr. Manisha, Dr. Eva, Dr. Gagan
				Practical	4.6 Clinical examination of respiratory system	Dr. R Bhatia Dr. Ashish, Dr. Jeevitha, Dr.
31.10.17	Tuesday	9-10 am	Anatomy	Lecture	Autosomal and sex chromosomal abnormalities (Genetics- IV)	Dr R Dada
		10 am-1 pm	Anatomy	Dissection/ Practical	Lungs and pleura/Genetics practical	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Brainstem and IV ventricle	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/ Practical	Lungs and pleura/Genetics practical	Faculty /Tutors
1.11.17	Wednesday	9 - 10am	Biochemistry	Lecture	Lipids, chemistry, classification and functions	Dr. Alpana Sharma
		10-11 am	Anatomy	Dissection	Lymphoid tissue (Micro-IX)	Dr S B Ray
		10 am-1 pm	Anatomy	Dissection/ Practical	Broncho-pulMondayary segments/ Lymphoid tissue	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Diencephalon and IIIrd Ventricle	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/ Practical	Broncho-pulMondayary segments/ Lymphoid tissue	Faculty /Tutors

2.11.17	Thursday	10 - 11am	Biochemistry	Lecture	Fatty acid oxidation; Ketone bodies, synthesis and utilization	Dr. Alpana Sharma
		11-12 pm	Physiology	Lecture	Electrocardiography	Dr. A Talwar
		12-1 pm		Lecture	Ventilation perfusion ratio	Dr. N Mehta
		2 - 5pm	Biochemistry	Practical	Total cholesterol	Dr. Archna Singh 1, Dr.Sumit Pahariya (JR), Ashikh Seethy (SR)
3.11.17	Friday	9-10 am	Physiology	Lecture	Oxygen carriage and oxygen dissociation curve	Dr. N Mehta
		10 - 11am	Biochemistry	Lecture	Biosynthesis of fatty acids and its regulation	Dr. Alpana Sharma
		11am - 1pm	Biochemistry	Case discussion	Clinical case discussion on ETC	Dr. K. Chosdol, Dr. Riyaz, Dr. Shiba Ansari (SR), All residents
		2-3 pm	Physiology	Lecture	Neural and local control of circulation	Dr. S Kaur
		3-4 pm	Physiology	Tutorial	Cardiac physiology - **Tutorial 1**	Dr. A Talwar

6.11.17	Monday	9-10 am	Physiology	Lecture	Carbon dioxide carriage	Dr. N Mehta
		10 am - 1 pm		Practical	5.1 Effect of posture on blood pressure	Dr. S Kaur Dr. Meena, Dr. Vikas,Dr. Ambica
				Practical	5.2 Spirometry: Determination of various lung volumes; capacities, timed vital capacity and maximum voluntary ventilation	Dr. Akanksha Dr. Navdeep, Dr. Arani,Dr. Uditi, Dr. Manisha
				Practical	5.3 Recording & analysis of compound action potential in frog sciatic nerve, determination of Strength duration Curve in frog's nerve muscle, Estimation of Motor conduction velocity of human Ulnar nerve	Dr. G Bade Dr. Sanjay,Dr. Shival, Dr. Anant, Dr. Eva, Dr. Shaon
				Practical	5.4 Study of the factors controlling inotropic and chronotropic functions in isolated perfused frog's heart	Dr. N Akhtar Dr. Ashish, Dr. Barun, Dr. Megha, Dr. Anupriya, Dr. Gagan
				Practical	5.5. Electrocardiography	Dr. D S Chandran Dr. Vinay, Dr. Atanu, Dr. Sankalp, Dr. Vinit, Dr. Jeevitha, Dr. Pooja
				Practical	5.1 Effect of posture on blood pressure	Dr. S Kaur Dr. Meena, Dr. Vikas,Dr. Ambica
		2-5 pm		Practical	5.2 Spirometry: Determination of various lung volumes; capacities, timed vital capacity and maximum voluntary ventilation	Dr. Akanksha Dr. Navdeep, Dr. Arani,Dr. Uditi, Dr. Manisha
				Practical	5.3 Recording & analysis of compound action potential in frog sciatic nerve, determination of Strength duration Curve in frog's nerve muscle, Estimation of Motor conduction velocity of human Ulnar nerve	Dr. G Bade Dr. Sanjay,Dr. Shival, Dr. Anant, Dr. Eva, Dr. Shaon
				Practical	5.4 Study of the factors controlling inotropic and chronotropic functions in isolated perfused frog's heart	Dr. N Akhtar Dr. Ashish, Dr. Barun, Dr. Megha, Dr. Anupriya, Dr. Gagan
				Practical	5.5. Electrocardiography	Dr. D S Chandran Dr. Vinay, Dr. Atanu, Dr. Sankalp, Dr. Vinit, Dr.
7.11.17	Tuesday	9-10 am	Anatomy	Lecture	Pleura and Lungs (Gross-IX)	Dr S Kaler
		10 am-1 pm	Anatomy	Dissection	External features of heart	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Cerebellum	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	External features of heart	Faculty /Tutors

8.11.17	Wednesday	9 - 10am	Biochemistry	Lecture	Mobilization of fat from adipose tissue	Dr. Archna Singh-1
		10-11 am	Anatomy	Lecture	Respiratory system (Micro –X)	Dr T G Jacob
		11 am-1 pm	Anatomy	Dissection/Practical	External features of heart/ Respiratory system	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Cerebrum I	Faculty /Tutors
		3-5 pm	Anatomy	Dissection/Practical	External features of heart/ Respiratory system	Faculty /Tutors
9.11.17	Thursday	9-10 am	Physiology	Lecture	Functional basis of heart sounds and murmurs	Dr. A Talwar
		10 - 11am	Biochemistry	Lecture	Lipoproteins, structure, functions and metabolism	Dr. Archna Singh-1
		11-12 am	Physiology	Lecture	Physiology of capillaries and lymphatics	Dr. S Kaur
		12-1 pm	Physiology	Tutorial	Respiratory physiology - **Tutorial 2**	Dr. N Mehta
		2 - 5pm	Biochemistry	Practical	Cholesterol :HDL estimation	Dr. Archna Singh-1, Dr. Sumit (JR) and Dr. Ashikh Seethy (SR)
10.11.17	Friday	9-10 am	Physiology	Lecture	Pulmonary function tests	Dr. N Mehta
		10 - 11am	Biochemistry	Lecture	Lipoprotein metabolism and role in plasma cholesterol homeostasis	Dr. Archna Singh-1
		11am - 1pm	Biochemistry	Case discussion	Hyperlipoproteinemias	Dr. Archna Singh-1, Dr. Ashikh Seethy (SR) and all residents
		2-3 pm	Physiology	Lecture	Pressure changes in the heart and cardiac turn	Dr. A Talwar
		3-4 pm	Physiology	Tutorial	Vascular physiology - **Tutorial 1**	Dr. S Kaur
11.11.17	Saturday	9 - 10 am	Biochemistry	Lecture	Biosynthesis of cholesterol and its regulation	Dr. Archna Singh
		10 - 11 am	Anatomy	Lecture	Development of respiratory system (Embryo-VIII)	Dr R Dhingra
		11am - 1pm	Anatomy	Dissection	Blood vessels of heart	Faculty /Tutors

13.11.17	Monday	9-10 am	Physiology	Lecture	Chemical regulation of respiration	Dr. N Mehta
		10 am - 1 pm		Practical	5.1 Effect of posture on blood pressure	Dr. S Kaur Dr. Meena, Dr. Vikas,Dr. Ambica
				Practical	5.2 Spirometry: Determination of various lung volumes; capacities, timed vital capacity and maximum voluntary ventilation	Dr. Akanksha Dr. Navdeep, Dr. Arani,Dr. Uditi, Dr. Manisha
				Practical	5.3 Recording & analysis of compound action potential in frog sciatic nerve, determination of Strength duration Curve in frog's nerve muscle, Estimation of Motor conduction velocity of human Ulnar nerve	Dr. G Bade Dr. Sanjay,Dr. Shival, Dr. Anant, Dr. Eva, Dr. Shaon
				Practical	5.4 Study of the factors controlling inotropic and chronotropic functions in isolated perfused frog's heart	Dr. N Akhtar Dr. Ashish, Dr. Barun, Dr. Megha, Dr. Anupriya, Dr. Gagan
				Practical	5.5. Electrocardiography	Dr. D S Chandran Dr. Vinay, Dr. Atanu, Dr. Sankalp, Dr. Vinit, Dr. Jeevitha, Dr. Pooja
		2-5 pm		Practical	5.1 Effect of posture on blood pressure	Dr. S Kaur Dr. Meena, Dr. Vikas,Dr. Ambica
				Practical	5.2 Spirometry: Determination of various lung volumes; capacities, timed vital capacity and maximum voluntary ventilation	Dr. Akanksha Dr. Navdeep, Dr. Arani,Dr. Uditi, Dr. Manisha
				Practical	5.3 Recording & analysis of compound action potential in frog sciatic nerve, determination of Strength duration Curve in frog's nerve muscle, Estimation of Motor conduction velocity of human Ulnar nerve	Dr. G Bade Dr. Sanjay,Dr. Shival, Dr. Anant, Dr. Eva, Dr. Shaon
				Practical	5.4 Study of the factors controlling inotropic and chronotropic functions in isolated perfused frog's heart	Dr. N Akhtar Dr. Ashish, Dr. Barun,Dr. Megha, Dr. Anupriya,Dr. Gagan
				Practical	5.5. Electrocardiography	Dr. D S Chandran Dr. Vinay, Dr. Atanu, Dr. Sankalp, Dr. Vinit, Dr. Jeevitha, Dr. Pooja
14.11.17	Tuesday	9-10 am	Anatomy	Lecture	Pericardium, External & Internal features of heart (Gross –X)	Dr S Singh
		10 am-1 pm	Anatomy	Dissection	Blood vessels of heart	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Heart	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Internal features of heart	Faculty /Tutors

15.11.17	Wednesday	9 - 10am	Biochemistry	Lecture	Biosynthesis of phospholipids and triglycerides	Dr. Pramod Gautam
		10-11 am	Anatomy	Lecture	Conducting system , blood vessels and fibrous skeleton of heart (Gross –XI)	Dr S Singh
		11 am-1 pm	Anatomy	Dissection	Internal features of heart	Faculty /Tutors
		2-3 pm	Anatomy	Demonstration	Cerebrum II	Faculty /Tutors
		3-5 pm	Anatomy	Dissection	Internal features of heart	Faculty /Tutors
16.11.17	Thursday	9-10 am	Physiology	Lecture	Regulation of blood pressure, Hypertension	Dr. S Kaur
		10 - 11am	Biochemistry	Lecture	Prostaglandins	Dr. Pramod Gautam
		11-12 pm	Physiology	Lecture	Neural regulation of respiration	Dr. N Mehta
		12-1 pm	Physiology	Lecture	Neural regulation of cardiac activity and cardiac reflexes	Dr. A Talwar
		2 - 5pm	Biochemistry	Practical	Screening tests for inborn errors of metabolism	Dr. K. Luthra, Dr. Ashikh Seethy (SR)
17.11.17	Friday	9-10 am	Physiology	Lecture	Hypoxia, cyanosis and dyspnoea	Dr. N Mehta
		10 - 11am	Biochemistry	Lecture	Amino acid metabolism- an overview and general reactions.	Dr. Sudip Sen
		11am - 1pm	Biochemistry	Tutorial	Interlinks of metabolic pathways, metabolic adaptations in diabetes mellitus and starvation	Dr. K Luthra
		2-3 pm	Physiology	Lecture	Special features of coronary circulation	Dr. S Kaur
		3-4 pm	Physiology	Tutorial	Respiratory physiology - **Tutorial 3**	Dr. N Mehta
18.11.17	Saturday	9-10 am	Anatomy	Lecture	Diaprgm and mechanism of respiration (Gross-XII)	Dr N Rani
		10 am-1 pm	Anatomy	Dissection	Internal features and cross sections of heart/ Posterior mediastinum	Faculty /Tutors

20.11.17	Monday	9-10 am	Physiology	Lecture	Special features of pulmonary circulation	Dr. N Mehta
		10 am - 1 pm		Practical	5.1 Effect of posture on blood pressure	Dr. S Kaur Dr. Meena, Dr. Vikas Dr.
				Practical	5.2 Spirometry: Determination of various lung volumes; capacities, timed vital and maximum voluntary ventilation	Dr. Akanksha Dr. Navdeep, Dr. Arani Dr. Uditi
				Practical	5.3 Recording & analysis of compound action potential in frog sciatic nerve, determination of Strength duration Curve in	Dr. G Bade Dr. Sanjay,Dr. Shival Dr.
				Practical	5.4 Study of the factors controlling inotropic and chronotropic functions in isolated perfused frog's heart	Dr. N Akhtar Dr. Ashish, Dr. Barun Dr.
				Practical	5.5. Electrocardiography	Dr. D S Chandran Dr. Vinay Dr. Atanu
		2-5 pm		Practical	5.1 Effect of posture on blood pressure	Dr. S Kaur Dr. Meena, Dr. Vikas Dr.
				Practical	5.2 Spirometry: Determination of various lung volumes; capacities, timed vital capacity and maximum voluntary ventilation	Dr. Akanksha Dr. Navdeep, Dr. Arani Dr. Uditi
				Practical	5.3 Recording & analysis of compound action potential in frog sciatic nerve, determination of Strength duration Curve in	Dr. G Bade Dr. Sanjay,Dr. Shival Dr.
				Practical	5.4 Study of the factors controlling inotropic and chronotropic functions in isolated perfused frog's heart	Dr. N Akhtar Dr. Ashish, Dr. Barun Dr.
				Practical	5.5. Electrocardiography	Dr. D S Chandran Dr. Vinay Dr. Atanu
21.11.17	Tuesday	9-10 am	Anatomy	Lecture	Development of Heart (Embryo -IX)	Dr S B Ray
		10 am-12 pm		Dissection	Internal features and cross sections of heart	Faculty/Tutors
		12 pm-1pm		Demonstration	Lateral ventricle and Brain sections	Faculty/Tutors
		2-3 pm		Demonstration	Mediastinum	Faculty/Tutors
		3-5 pm		Dissection	Posterior mediastinum	Faculty/Tutors
22.11.17	Wednesday	9 - 10am	Biochemistry	Lecture	Amino acid derivatives of biological significance	Dr. Sudip Sen
		10 - 11am	Anatomy	Lecture	Skin & nerve end organs (Micro-XI)	Dr T G Jacob
		11 am-1 pm	Anatomy	Dissection/ Practical	Posterior mediastinum/ Skin & nerve end organs	Faculty/Tutors
		2-3 pm	Anatomy	Demonstration	Surface Anatomy of thorax	Faculty/Tutors
		3-5 pm	Anatomy	Dissection/ Practical	Posterior mediastinum/ Skin & nerve end organs	Faculty /Tutors
23.11.17	Thursday	9-10 am	Physiology	Lecture	Introduction to nutrition and energy metabolism	Dr. R Netam
		10 - 11am	Biochemistry	Lecture	Detoxification of ammonia, urea cycle	Dr. SS Chauhan
		11-12 pm	Physiology	Lecture	Intrinsic regulation of cardiac activity	Dr. A Talwar
		12-1 pm	Physiology	Lecture	Special features of circulation in skeletal muscle, skin and mesentery	Dr. S Kaur
		2 - 5pm	Biochemistry	Practical	Estimation of blood urea	Dr. SS Chauhan, Dr. Surbhi (JR), Dr. Karthikeyan (SR)
24.11.17	Friday	9-10 am	Physiology	Lecture	Cardiac output: measurement and regulation	Dr. A Talwar
		10 - 11am	Biochemistry	Lecture	Sulphur containing amino acids and homocysteinemia	Dr. Riyaz A. Mir
		11am - 1pm		Tutorial	Inborn errors of metabolism	Dr. K Luthra
		2-3 pm	Physiology	Lecture	Macronutrients : function & sources	Dr. R Netam
		3-4 pm	Physiology	Tutorial	Cardiac physiology - **Tutorial 2**	Dr. A Talwar

25.11.17	Saturday	9 - 10am	Biochemistry	Lecture	The Extracellular Matrix: Components & significance	Dr. Pramod Gautam
		10 am-1 pm	Anatomy	Dissection	Posterior mediastinum/ Brain sections	Faculty /Tutors
27.11.17	Monday	9-10 am	Physiology	Lecture	Special features of cerebral circulation	Dr. S Kaur
		10 am - 1 pm		Practical	6.1 Measurement of respiratory dead space	Dr. P Tayade, Dr. Shival, Dr. Ashish, Dr. Sankalp, Dr. Eva, Dr. Pooja
				Practical	6.2 Clinical examination of CVS	Dr. R Netam,Dr. Arani, Dr. Barun, Dr. Jeevitha, Dr. Vikas, Dr. Gagan
				Practical	Revision Practical1	Dr. Sanjay, Dr. Vinay, Dr. Megha, Dr. Anant, Dr. Shaon
				Practical	Revision Practical 2	Dr. Navdeep, Dr. Atanu, Dr. Uditi, Dr. Manisha, Dr. Ambica,
		2-5 pm		Practical	6.1 Measurement of respiratory dead space	Dr. P Tayade, Dr. Shival, Dr. Ashish, Dr. Sankalp, Dr. Eva, Dr. Pooja
				Practical	6.2 Clinical examination of CVS	Dr. R Netam,Dr. Arani, Dr. Barun, Dr. Jeevitha, Dr. Vikas, Dr. Gagan
				Practical	Revision Practical 2	Dr. Sanjay, Dr. Vinay, Dr. Megha, Dr. Anant, Dr. Shaon
				Practical	Revision Practical 1	Dr. Navdeep, Dr. Atanu, Dr. Uditi, Dr. Manisha, Dr. Ambica,
28.11.17	Tuesday	9-10 am	Anatomy	Lecture	Meninges and external features of central nervus system (Neuro-I)	Dr T G Jacob
		10 am-12 pm	Anatomy	Dissection	Sectional Anatomy of Thorax	Faculty/Tutors
		12 pm-1 pm	Anatomy	Demonstration	Hip bone I	Faculty/Tutors
		2-3 pm	Anatomy	Demonstration	Radiology of thorax	Dr Surbhi Department of Radiology
		3-5 pm	Anatomy	Dissection	Joints of Thorax and respiratory movements	Faculty/Tutors

29.11.17	Wednesday	9 - 10am	Biochemistry	Lecture	Cellular transport, intracellular sorting & trafficking	Dr. Riyaz A. Mir
		10-11 am	Anatomy	Lecture	Development of blood vessels & foetal circulation (Embryo -X)	Dr SB Ray
		11 am-1 pm	Anatomy	Dissection/Practical	Front of thigh/Embryo practical-II	Faculty/Tutors
		2-3 pm	Anatomy	Demonstration	Hip bone II	Faculty/Tutors
		3-5 pm	Anatomy	Dissection/Practical	Front of thigh/Embryo practical-II	Faculty/Tutors
30.11.17	Thursday	9-10 am	Physiology	Lecture	Micronutrients & functional foods: function & sources	Dr. R Netam
		10 - 11am	Biochemistry	Lecture	Vitamin B-complex introduction: Thiamine & Riboflavin	Dr. Pragyan A
		11- 12 am	Physiology	Lecture	Cardiovascular reflexes	Dr. A Talwar
		12-1 pm	Physiology	Lecture	Special features of circulation in fetus and neonate	Dr. S Kaur
		2 - 5pm	Biochemistry	Practical	Gas chromatography: analysis of serum fatty acids	Dr. Archna Singh-1, Dr. Diravya Seelan (JR), Dr. Janvie (SR)
1.12.17	Friday	9-10 am	Physiology	Lecture	Nutrition and metabolism of the heart	Dr. A Talwar
		10 - 11am	Biochemistry	Lecture	Pyridoxine, Nicotinic acid and other B complex vitamins	Dr. Pragyan A
		11am - 1pm	Biochemistry	Lecture	Folic acid, Vit. B_{12}, one carbon pool	Dr. Rakhee Yadav
		2-3 pm	Physiology	Lecture	Dietary requirements in health and disease	Dr. R Netam
		3-4 pm	Physiology	Tutorial	Cardiac Physiology - **Tutorial 3**	Dr. A Talwar

4.12.17	Monday	9-10 am	Physiology	Lecture	Pathophysiology of circulatory shock and cardiac failure	Dr. S Kaur
		10 am - 1 pm		Practical	6.1 Measurement of respiratory dead space	Dr. P Tayade, Dr. Shival, Dr. Ashish, Dr. Sankalp, Dr. Eva, Dr. Pooja
				Practical	6.2 Clinical examination of CVS	Dr. R Netam,Dr. Arani, Dr. Barun, Dr. Jeevitha, Dr. Vikas, Dr. Gagan
				Practical	6.3 Revision Practical 1	Dr. Navdeep, Dr. Atanu, Dr. Uditi, Dr. Manisha, Dr. Ambica,
				Practical	6.4 Revision Practical 2	Dr. Sanjay, Dr. Vinay, Dr. Megha, Dr. Anant, Dr. Shaon
		2-5 pm		Practical	6.1 Measurement of respiratory dead space	Dr. P Tayade, Dr. Shival, Dr. Ashish, Dr. Sankalp, Dr. Eva, Dr. Pooja
				Practical	6.2 Clinical examination of CVS	Dr. R Netam,Dr. Arani, Dr. Barun, Dr. Jeevitha, Dr. Vikas, Dr. Gagan
				Practical	6.3 Revision Practical 1	Dr. Navdeep, Dr. Atanu, Dr. Uditi, Dr. Manisha, Dr. Ambica,
				Practical	6.4 Revision Practical 2	Dr. Sanjay, Dr. Vinay, Dr. Megha, Dr. Anant, Dr. Shaon
5.12.17	Tuesday	9-10 am	Anatomy	Lecture	Spinal cord (Neuro-II)	Dr SB Ray
		10 am-1 pm	Anatomy	Dissection	Front of thigh	Faculty/Tutors
		2-3 pm	Anatomy	Demonstration	Femur -I	Faculty/Tutors
		3-5 pm	Anatomy	Dissection	Front of thigh/Medial side of thigh	Faculty/Tutors
6.12.17	Wednesday	9 - 10am	Biochemistry	Lecture	Vitamin deficiency, the inter links of B-complex vitamins	Dr. Kunzang Chosdol
		10 - 11am	Anatomy	Lecture	Blood vessels of brain (Neuro-III)	Dr T S Roy
		11-12 pm	Anatomy	Dissection	Gluteal region	Faculty/Tutors
		12 pm-1 pm	Anatomy	Demonstration	Brain sections	Faculty/Tutors
		2-3 pm	Anatomy	Demonstration	Femur -II and patella	Faculty/Tutors
		3-5 pm	Anatomy	Dissection	Gluteal region	Faculty/Tutors
7.12.17	Thursday	9-10 am	Physiology	Lecture	Recommended Dietary Allowances: Food Guide pyramids	Dr. R Netam
		10 - 11am	Biochemistry	Lecture	Fat Soluble Vitamins: Vitamin A	Dr. Sudip Sen
		11-12 pm	Physiology	Lecture	Exercise physiology	Dr. A Talwar
		12-1 pm	Physiology	Tutorial	Nutrition - **Tutorial 1**	Dr. R Netam
		2 - 5pm	Biochemistry	Practical	Revision practical	All residents

8.12.17	Friday	9-10 am	Physiology	Lecture	Mini PBL - Nutrition	Dr. R Netam
		10 - 11am	Biochemistry	Lecture	Vitamin E & K	Dr. Ashok Sharma
		11am - 1pm		Case discussion	Vitamins	Dr. Pragyan, All Residents
		2-3 pm	Physiology	Lecture	Revision Lecture Respiratory physiology	Dr. N Mehta
		3-4 pm	Physiology	Lecture	Vascular Physiology - **Tutorial 2**	Dr. S Kaur
9.12.17	Saturday	9 - 10am	Biochemistry	Lecture	Revision	Residents
		10-11 am	Anatomy	Demonstration	Hip Joint (Gross-XIII)	Dr S Kaler
		11 am-1 pm	Anatomy	Dissection	Back of thigh	Faculty/Tutors
FIRST END SEMESTER EXAMINATION: 12 to 22 December, 2017 SUPPLEMENTARY EXAMINATION (3rd week of January 2018)						