

**VINAYAKA MISSION'S KIRUPANANDA VARIYAR MEDICAL COLLEGE, SALEM**  
**DEPARTMENT OF PHYSIOLOGY**  
**MBBS LESSON PLAN FOR 2019-20 September 2019**

Date/Day	Time	Topic	Staff	Practicals (2 - 4 pm)	Staff
10.9.19/Tues	9 - 10	TH-PY1.2 Introduction to physiology	Dr. Milind 12/21		
11.9.19/Wed	8 - 9	TH-PY1.2 Homeostasis	Dr. Milind 12/21	Introduction to hematology practicals, Collection of blood sample (Batch-B)	Dr. V.S Pravin → Demo Microscope
	10.15 - 11.15	PY 1.1 Cell structure-Membrane, cell organelles and functions (SDL)	Dr. V.S Pravin		
12.9.19/Thurs	8 - 9	TH-PY1.5 Transport across cell membrane- Classification & passive transport	Dr. V.S Pravin	Introduction to hematology practicals, Collection of blood sample (Batch-A)	Dr. V.S Pravin Mrs. Pravin
13.9.19/Fri	9.15 - 10.15	TH-PY1.5 Transport across cell membrane- Active transport & Vesicular transport	Dr. V.S Pravin		
16.9.19/Mon	9-10	TH- PY1.6 Body fluids	Pravin	Demo - Study of Microscope (A)	Pravin
	10.15 - 11.15	Tutorials			
17.9.19/Tues	9.15- 10.15	TH- PY 1.7 Concept of pH & buffer.	Pr. Shree	Demo → Study of Microscope (B) (11/9/19)	Pravin
18.9.19/Wed	8 - 9	TH-PY 1.8 Resting membrane potential	Dr. Shree	Demo - Haemocytometry (B)	Dr. Katreeda
	10.15 - 11.15	SGT- PY 1.3 Structure of cell and intercellular connection	Pravin	(Demo Total RBC) Mr. S. (B)	
19.9.19/Thurs	8 - 9	TH-PY 1.8 Action potential	Pravin	Demo - Haemocytometry (A)	Dr. Katreeda
20.9.19/ Fri	9 - 10	TH-PY 2.1 Composition & functions of blood	Dr. Milind 12/21		
21.9.19/Sat	9-10	SGT PY 1.9	SYED A Y		
	10.15 - 11.15	ECE - Discussion of edema and fluid replacement in dehydrated patients	Pravin		

SGT PY 1.9 - Describe & discuss methods used to demonstrate functions of cells & its products, its communications and their applications in clinical care & research.

Date/Day	Time	Topic	Staff	Practicals (2 - 4 pm)	Staff
23.9.19/Mon	9-10	TH-PY 2.2 Plasma proteins	Dr Wateed	Demo - Total RBC count (A)	BYED
	10.15 - 11.15	PY 1.4 IGL-Apoptosis (Pathology)	Dr Wateed		
24.9.19/Tues	9 - 10	SDL - Hematopoiesis, bone marrow, stem cell and bone marrow transplant	Dr Wateed SYED ALI	Demo - Total RBC Count (D) Revision - (B) Estimation of Hb - Demo	BYED ALI
25.9.19/Wed	8 - 9	Formative assessment (class test)		Revision - Total RBC Count (B)	BYED ALI
	10.15 - 11.15	Tutorials		Estimation of Hb - Demo (B)	
26.9.19/Thurs	8 - 9	TH - RBC morphology, count, variations	Dr Wateed	Revision - Total RBC Count (A)	
27.9.19/Fri	9 - 10	TH- PY 2.3 Hemoglobin- Synthesis, function	BYED ALI		
	2 - 4	SGI - PY 2.3 Hemoglobin variants, types, I ate of Hb, Jaundice & Anemia	Dr Wateed		
30.9.19/Mon	9 - 10	TH PY-2.4 Erythropoiesis	BYED ALI	Demo - Estimation of hemoglobin (A)	BYED ALI
	10.15 - 11.15	TUTORIALS.			

M/2  
3/9/19

**PROFESSOR AND HOD**  
**Department of Physiology**  
**Dr. B. V. Medical College**  
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