PONDICHERRY INSTITUTE OF MEDICAL SCIENCES

DEPARTMENT OF PHYSIOLOGY

TEACHING SCHEDULE - OCTOBER 2026

DATE	TOPIC	Comp	Hrs	Attn	SD	PB	RJ	RD	SP	KJ	JS	KN	RA	AZ	BS	KR	TOPIC	Comp	Attn	SD	PB	RJ	RD	SP	KJ	JS	KN	RA	AZ	BS	KR
12																	A Batch - Laboratory etiquette in Physiology; Handwashing and USP		120	SG	SG	SG	SG		SG	SG	SG	SG	SG	SG	SG
13	Structure and functions of a mammalian cell	PY 1.1	1	240						LGI																				
14	WHITE COAT CEREMONY		3	246	LG	LG	LG	LG	LG	LG	LG	LG	LG	LG		LGI	B Batch - Laboratory etiquette in Physiology; Handwashing and USP		122	SG	SG	SG	SG	SG	SG	SG	SG	SG	SG		SG
15	Homeostasis, Body fluid compartments, pH & buffers	PY 1.2, PY 1.6, 1.7	2	222	SG	SG	SG	SG	SG	SG	SG	SG	SG	SG			A Batch: Encounter with a patient		119	SG	SG	SG	SG	SG	SG	SG	SG	SG	SG		SG
16	Intercellular connections, cytoskeleton, CAMs, Apoptosis	PY 1.3	1	225	SG	SG	SG	SG	SG	SG	SG	SG	SG	SG			B Batch: Encounter with a patient		124	SG	SG	SG	SG	SG	SG	SG	SG		SG	SG	SG
17	Transport across cell membranes	PY 1.5	2	222								LGI					SKILL TRAINING - PULSE	PY5.12	180	SG	SG	SG	SG	SG	SG	SG	SG		SG	SG	SG
20																	A Batch: Microscopy,Hemocytometry, hematology Instruments	PY2.11	119	SG	SG	SG		SG	SG	SG	SG	SG	SG	SG	SG
21	Composition and functions of blood, plasma proteins, Hematopoiesis , Erythropoiesis	PY 2.1, 2.2, 2.4	2	222							LG						B Batch: Microscopy, Hemocytometry, hematology Instruments	PY2.11	122	SG	SG	SG		SG	SG	SG	SG	SG	SG	SG	SG
22	Regulation of Erythropoiesis, Hemoglobin - structure, formation, breakdown, variants	PY 2.3, 2.4	2	229							LGI						A Batch: Microscopy, Hemocytometry- Hematology lab	PY2.11	122	SG	SG	SG		SG	SG	SG	SG	SG	SG	SG	SG
23	Structure and functions of leukocytes	PY 2.6	1	227					LGI								B Batch: Microscopy, Hemocytometry - Hematology lab	PY2.11	118	SG	SG		SG	SG	SG	SG	SG	SG	SG	SG	SG
24	Innate immunity, Adaptive immunity; Immunity – applied aspects	PY 2.10	1	228						SDL																				
25																														
26	Innate immunity, Adaptive immunity; Immunity – applied aspects	PY 2.10	2	242						SDL							A1 Batch: RBC count ; A2 Batch: Hb estimation; RBC Indices; ESR, PCV, Osmotic fragility (Demo)	PY2.11, 2.12	120	SG	SG		SG	SG	SG	SG	SG	SG	SG	SG	SG
27	Blood groups, blood transfusion, cross matching, transfusion reactions	PY 2.9	1	241	SG		SG	SG	SG	SG	SG	SG	SG	SG																
28	Hemostasis	PY 2.8	2	248										LGI			B1 Batch: RBC count; B2 Batch: Hb estimation; RBC Indices; ESR, PCV, Osmotic fragility (Demo)	PY2.11, 2.12	119	SG		SG	SG	SG	SG	SG	SG	SG	SG	SG	SG

DR. SUBHASIS DAS
HOD PHYSIOLOGY

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29	Structure of neuron, Neuroglia. Neurotropins Nernst potentials & Classification and properties of nerve fibers , Resting membrane potential, The action potential, Properties of action potentials	PY 1.8, 3.1, 3.2	2	248	LGI												A2 Batch: RBC count; A1 Batch: Hb estimation; RBC Indices; ESR, PCV, Osmotic fragility (Demo)	PY2.11, 2.12	120	SG		SG	SG	SG	SG	SG	SG	SG	SG	SG	SG
30	MONTHLY MENTOR MENTEE MEETING		1	250													B2 Batch: RBC count; B1 Batch: Hb estimation ; RBC Indices; ESR, PCV, Osmotic fragility (Demo)	PY2.11, 2.12	111	SG		SG	SG	SG	SG	SG	SG	SG		SG	SG
31	Voltage clamp, recording of action potentials, Nerve conduction studies, EMG , Degeneration and regeneration of nerve fibers	PY 1.9, 3.3	2	240	SG			SG	SG	SG		SG	SG	SG																	

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