



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE
AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF PHYSIOLOGY
UG TEACHING SCHEDULE OCTOBER 2025

DATE	TIME	TOPIC	FACULTY
01-10-2025 To 05-10-2025	STUDENT HOLIDAY		
06-10-2025	10.15 am – 11.15 am	Introduction to Physiology- Interactive discussion	Dr.Suja Gopalakrishnan
07-10-2025	8 am – 9 am	PY1.2, PY 1.6 - Homeostasis, Body fluid compartments- Interactive discussion	Dr.Deepa Sivaraj
08-10-2025	9 am – 10 am	PY1.5 Transport mechanisms across cell membrane- Interactive discussion	Dr.Suja Gopalakrishnan
09-10-2025	8 am – 9 am	PY1.5 Primary active transport- Lecture	Dr.Suja Gopalakrishnan
	9 am – 10 am	PY2.1 Composition & functions of blood- Lecture	Dr.Deepa Sivaraj
10-10-2025	10.15 am – 11.15 am	PY1.5 Secondary active transport- Lecture	Dr.Suja Gopalakrishnan

13-10-2025	10.15 am – 11.15 am	PY1.5 Transport across cell membrane – Interactive discussion	Dr.Suja Gopalakrishnan
14-10-2025	8 am – 9 am	PY2.4 RBC- Introduction- Interactive discussion	Dr.Sarika K S
15-10-2025	9 am –10 am	PY1.7 Resting membrane potential- Lecture	Dr.Suja Gopalakrishnan
16-10-2025	8 am – 9 am	PY1.7 Resting membrane potential- Ionic basis- Lecture	Dr. Suja Gopalakrishnan
	9 am –10 am	PY2.12 Packed cell volume- Lecture	Dr.Sarika K S
17-10-2025	10.15 am – 11.15 am	PY2.12 Osmotic fragility, ESR- Lecture	Dr.Sarika K S
18-10-2025 To 21-10-2025	STUDENT HOLIDAYS		
22-10-2025	9 am –10 am	PY1.7 Nerve action potential- Lecture	Dr.Suja Gopalakrishnan
23-10-2025	8 am – 9 am	PY2.4 Erythropoiesis- Stages- Lecture	Dr. Sarika K S
	9 am –10 am	PY3.2 Propagation of action potential- Lecture	Dr. Suja Gopalakrishnan
24-10-2025	10.15 am – 11.15 am	PY3.2 Properties of Nerve fibre- Interactive discussion	Dr. Suja Gopalakrishnan
27-10-2025	10.15 am – 11.15 am	PY3.3 Nerve injuries- Classification- Lecture	Dr.Suja Gopalakrishnan
28-10-2025	8 am – 9 am	PY3.3 Nerve injuries- Degeneration and Regeneration- Lecture	Dr.Suja Gopalakrishnan
29-10-2025	9 am –10 am	PY2.3 Hemoglobin - Structure, Synthesis, Functions- Lecture	Dr. Sarika K S
30-10-2025	8 am – 9 am	PY2.6 WBC- Types & Structure- Lecture	Dr.Rose Mary Jacob V
	9 am –10 am	PY2.3 Hemoglobin = Variants, breakdown- Lecture	Dr.Sarika K S

GROUP DISCUSSION

DATE	TIME	TOPIC	FACULTY
10-10-2025	2 pm –5 pm	PY2.2 Plasma proteins- Interactive discussion	Dr. Deepa Sivaraj
17-10-2025	2 pm –5 pm	PY3.1 Nerve Physiology- Structure & Functions of Neuron- Interactive discussion	Dr. Suja Gopalakrishnan
24-10-2025	2 pm –4 pm	PY 2.4 Erythropoiesis- Regulation- Interactive discussion	Dr.Sarika K S
25-10-2025	2 pm –3 pm	PY2.4 Erythropoiesis- Abnormalities- Interactive discussion	Dr. Sarika KS
31-10-2025	2 pm –5 pm	PY2.5 Jaundice- Interactive discussion	Dr.Sarika KS

PRACTICAL

DATE	TIME	TOPIC	FACULTY
06-10-2025	2 pm –5 pm	Orientation to Physiology lab & seat allotment (B batch) PY1.9 Compound microscope (D batch)	All Faculty
07-10-2025	2 pm –5 pm	Orientation to Physiology lab & seat allotment (C batch) PY1.9 Compound microscope (A batch)	All Faculty
08-10-2025	2 pm –5 pm	Orientation to Physiology lab & seat allotment (D batch) PY1.9 Compound microscope (B batch)	All Faculty
09-10-2025	2 pm –5 pm	Orientation to Physiology lab & seat allotment (A batch) PY1.9 Compound microscope (C batch)	All Faculty
13-10-2025	2 pm –5 pm	Counting chamber- (B batch)	All Faculty
14-10-2025	2 pm –5 pm	Counting chamber- (C batch)	All Faculty
15-10-2025	2 pm –5 pm	Counting chamber- (D batch)	All Faculty



16-10-2025	2 pm –5 pm	Counting chamber- (A batch)	All Faculty
23-10-2025	2 pm –5 pm	PY2.12 PCV & ESR (B & D batch)	All Faculty
24-10-2025	2 pm –5 pm	PY2.12 PCV & ESR (A & C batch)	All Faculty
27-10-2025	2 pm –5 pm	PY2.11RBC counting. (B batch)	All Faculty
		Tutorial – Heamatology & Nerve Physiology (D batch)	
28-10-2025	2 pm –5 pm	PY2.11RBC counting. (C batch)	All Faculty
		Tutorial – Heamatology & Nerve Physiology (A batch)	
29-10-2025	2 pm –5 pm	PY2.11RBC counting. (D batch)	All Faculty
		Tutorial – Heamatology & Nerve Physiology (B batch)	


DR. SUJA GOPALAKRISHNAN
PROFESSOR & HOD, PHYSIOLOGY
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