



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF PHYSIOLOGY
UG TEACHING SCHEDULE JUNE 2025

FIRST MBBS 2024 BATCH LECTURE

DATE	TIME	TOPIC	FACULTY
02-06-2025	9 am – 10 am	PY10.10 Brown Sequard Syndrome	Dr. Suja Gopalakrishnan
03-06-2025	10.15 am – 11.15 am	PY7.3 Measurement of renal blood flow, renal clearance studies, steps in urin formation, GFR	Dr. Saraswathy L
04-06-2025	8 am – 9 am	PY8.4 Cortisole- Actions	Dr. Rose Mary Jacob V
05-06-2025	8 am – 9 am	PY8.6 Endocrine pancreas	Dr. Suja Gopalakrishnan
	9 am – 10 am	PY11.6 Physiology of image formation -	Dr. C V Lalithambika
06-06-2025	BAKRID HOLIDAY		
07-06-2025			
09-06-2025	9 am – 10 am	PY7.3 Glomerular Filtration Rate- factors governing, variations, filtration fraction Tubular reabsorbtion- general mechanisms	Dr. Saraswathy L
10-06-2025	10.15 am – 11.15 am	PY10.6 Refractive errors	Dr. C V Lalithambika
11-06-2025	8 am – 9 am	PY10.7 Adrenal Medullary Hormones	Dr. Rose Mary Jacob V
12-06-2025	8 am – 9 am	PY7.3 Renal handling of sodium, significance, sites, extend of reabsorbtion, mechanism, features & regulation	
	9 am – 10 am	PY 7.3 Renal handling of glucos, glycosuria, splay	Dr. Saraswathy L
13-06-2025	10.15 am – 11.15 am	PY7.5 Water reabsorbtion, uria reabsorbtion, uria clearance Tonicity changes in different segments of nephrone, chloride, bicarbonate reabsorbtion, concentration of urin-- Interactive discussion	Dr. Saraswathy L
17-06-2025	10.15 am – 11.15 am	PY9.1 Reproductive Physiology- Sex determination and differentiation	Dr. Sarika K S
18-06-2025	8 am – 9 am	PY 9.3 Male Reproductive system	Dr. Sarika K S

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19-06-2025	8 am – 9 am	PY9.3 Female Reproductive system- Functional Anatomy	Dr. Vandana Balakrishnan
	9 am – 10 am	PY7.3 Concentraion of urine, medullary gradient, counter current system, rule of ADH, tubular secretion, acidification of urine	Dr .Saraswathy L
20-06-2025	10.15 am – 11.15 am	PY7.4 Acidification of urine, factors regulating renal acid secretion, Urinary tract, Urinary bladder innervation - Interactive discussion	Dr. Saraswathy L
23-06-2025	9 am – 10 am	PY10.15 Hypothalamus	Dr. Suja Gopalakrishnan
24-06-2025	10.15 am – 11.15 am	PY7.6 Filling and emptying of urinary bladder, micturition reflex and its higher control, normal and abnormal constituents of urine, artificial kidney- Lecture	Dr. Saraswathy L
	4 pm – 5 pm	Phyiology Revision- Reasoning type discussion	Dr.Saraswathy L
25-06-2025	8 am – 9 am	PY9.5 Menstrual cycle- Uterine and overian changes	Dr.Vandana Balakrishnan
26-06-2025	8 am – 9 am	Formative Assessment- 5	All Faculty
	9 am – 10 am	PY11.5 Visual pathwa	Dr. C V Lalithambika
30-06-2025	9 am – 10 am	PY11.7 Color vision	Dr. C V Lalithambika

PRACTICAL

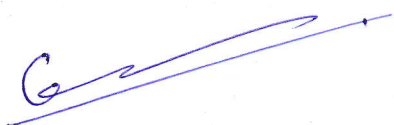
DATE	TIME	TOPIC	FACULTY
02-06-2025	2 pm –5 pm	PY10.19 Clinical examination of motor system and reflexes- Revision (B batch) PY10.20 Clinical examination of cranial nerves 1-6 (D batch)	All Faculty
03-06-2025	2 pm –5 pm	PY10.19 Clinical examination of motor system and reflexes- Revision (C batch) PY10.20 Clinical examination of cranial nerves 1-6 (A batch)	All Faculty
04-06-2025	2 pm –5 pm	PY10.19 Clinical examination of motor system and reflexes- Revision (D batch) PY10.20 Clinical examination of cranial nerves 1-6 (B batch)	All Faculty
05-06-2025	2 pm –5 pm	PY10.19 Clinical examination of motor system and reflexes- Revision (A batch) PY10.20 Clinical examination of cranial nerves 1-6 (C batch)	All Faculty
09-06-2025	2 pm –5 pm	PY10.20 Clinical examination of cranial nerves 7-12 (D batch)	All Faculty
10-06-2025	2 pm –5 pm	PY10.20 Clinical examination of cranial nerves 7-12 (A batch)	All Faculty

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11-06-2025	2 pm –5 pm	PY10.20 Clinical examination of cranial nerves 7-12 (B batch)	All Faculty
12-06-2025	2 pm –5 pm	PY10.20 Clinical examination of cranial nerves 7-12 (C batch)	All Faculty
16-06-2025	9 am –11 am	PY4.12 Clinical examination of Abdomen (D batch)	All Faculty
17-06-2025	2 pm –5 pm	PY4.12 Clinical examination of Abdomen (A batch)	All Faculty
18-06-2025	2 pm –5 pm	PY4.12 Clinical examination of Abdomen (B batch)	All Faculty
19-06-2025	2 pm –5 pm	PY4.12 Clinical examination of Abdomen (C batch)	All Faculty
27-06-2025	9.30 am –11 am	Spotters discussion	Dr. Deepa Sivaraj
30-06-2025	2 pm –4 pm	Perimetry (B batch) Haematology Revision (D batch)	All Faculty

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DATE	TIME	TOPIC	FACULTY
9-06-2025	2 pm –5 pm	Na K ATPase (B batch) Mechanism of blood coagulation Functions of plasma proteins Ionic basis of nerve action potential Impulse transmission across neuromuscular junction Left ventricular pressure and volume changes during cardiac cycle	All Faculty
10-06-2025	2 pm –5 pm	Na K ATPase (C batch) Mechanism of blood coagulation Functions of plasma proteins Ionic basis of nerve action potential Impulse transmission across neuromuscular junction Left ventricular pressure and volume changes during cardiac cycle	All Faculty



11-06-2025	2 pm –5 pm	Na K ATPase (D batch) Mechanism of blood coagulation Functions of plasma proteins Ionic basis of nerve action potential Impulse transmission across neuromuscular junction Left ventricular pressure and volume changes during cardiac cycle	All Faculty
12-06-2025	2 pm –5 pm	Na K ATPase (A batch) Mechanism of blood coagulation Functions of plasma proteins Ionic basis of nerve action potential Impulse transmission across neuromuscular junction Left ventricular pressure and volume changes during cardiac cycle	All Faculty
16-06-2025	9 am –11 am	Hormonal regulation of exocrine pancreatic secretion (B batch) Digestion and absorption of fat Hypovolemic shock Pressure changes in different phases of respiration Bohr effect and Haldane effect and physiological importance Hyper secretion of growth hormone Pre synaptic inhibition	All Faculty
17-06-2025	2 pm –5 pm	Hormonal regulation of exocrine pancreatic secretion (C batch) Digestion and absorption of fat Hypovolemic shock Pressure changes in different phases of respiration Bohr effect and Haldane effect and physiological importance Hyper secretion of growth hormone Pre synaptic inhibition	All Faculty
18-06-2025	2 pm –5 pm	Hormonal regulation of exocrine pancreatic secretion (D batch) Digestion and absorption of fat Hypovolemic shock Pressure changes in different phases of respiration Bohr effect and Haldane effect and physiological importance Hyper secretion of growth hormone Pre synaptic inhibition	All Faculty

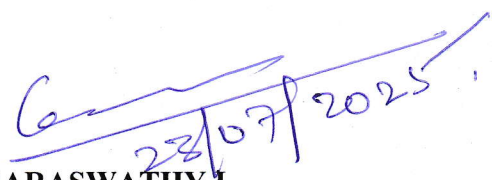

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19-06-2025	2 pm –5 pm	Hormonal regulation of exocrine pancreatic secretion (A batch) Digestion and absorption of fat Hypovolemic shock Pressure changes in different phases of respiration Bohr effect and Haldane effect and physiological importance Hyper secretion of growth hormone Pre synaptic inhibition	All Faculty
23-06-2025	2 pm –4 pm	Hemi section of spinal cord (B batch) Referred pain Tubular reabsorption of glucose Factors influencing glomerular filtration rate Cushing's syndrome Actions of insulin	All Faculty
24-06-2025	2 pm –4 pm	Hemi section of spinal cord (C batch) Referred pain Tubular reabsorption of glucose Factors influencing glomerular filtration rate Cushing's syndrome Actions of insulin	All Faculty
25-06-2025	2 pm –4 pm	Hemi section of spinal cord (D batch) Referred pain Tubular reabsorption of glucose Factors influencing glomerular filtration rate Cushing's syndrome Actions of insulin	All Faculty
26-06-2025	2 pm –4 pm	Hemi section of spinal cord (A batch) Referred pain Tubular reabsorption of glucose Factors influencing glomerular filtration rate Cushing's syndrome Actions of insulin	All Faculty

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GROUP DISCUSSION

DATE	TIME	TOPIC	FACULTY
13-06-2025	2 pm –5 pm	PY11.7 Photochemistry of Vision	Dr. C V Lalithambika
20-06-2025	2 pm –3 pm	PY8.6 Regulation of insulin secretion and Diabetes Mellitus	Dr. Suja Gopalakrishnan
21-06-2025	9 am - 10 am	PY9.4 Functions of ovary	Dr. Vandana Balakrishnan
28-06-2025	9 am - 10 am	PY9.7 Physiology of pregnancy	Dr. Vandana Balakrishnan
	2 pm –3 pm	PY10.17 Reticular formation	Dr. Suja Gopalakrishnan


DR. SARASWATHY L
PROFESSOR & HOD,
DEPARTMENT OF PHYSIOLOGY
AIMS, KOCHI