



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

**DEPARTMENT OF PHYSIOLOGY
PG TEACHING SCHEDULE JULY 2025**

THEORY (9 am – 10 am)

DATE	TOPIC	FACULTY
01-07-2025	Lung volumes & capacities	Dr.Deepa Sivaraj
02-07-2025	Motor system- Introduction Pyramidal tract	Dr.Suja Gopalakrishnan
08-07-2025	Gut immunity, Gut Brain Axis	Dr.Vandana Balakrishnan

GROUP DISCUSSION (11 AM - 12 NOON)

DATE	TOPIC	PRESENTER	FACULTY
09-07-2025	Diffusion of gases across respiratory membrane Carbondioxide Transport	Dr.P Sri Nanthini Dr.Karthikeyan	Dr.Saraswathy L, Dr.Deepa Sivaraj
10-07-2025	Extra pyramidal tracts	Dr.Nanditha Rajesh Dr.Sai Shankar V R	Dr.Saraswathy L, Dr.Suja Gopalakrishnan
11-07-2025	Salivary glands	Dr.Anagha P	Dr.Suja Gopalakrishnan, Dr.Vandana Balakrishnan
12-07-2025	Stomach	Dr.Anagha P	Dr.Saraswathy L, Dr.Vandana Balakrishnan
15-07-2025	Stretch Reflex & Higher control	Dr.Nanditha Rajesh Dr.Sai Shankar V R	Dr.Saraswathy L, Dr.Suja Gopalakrishnan
	Pancreas & Liver	Dr.Anagha P	Dr.Vandana Balakrishnan, Dr.Deepa Sivaraj
17-07-2025	Reflexes	Dr.Nanditha Rajesh Dr.Sai Shankar V R	Dr.Saraswathy L, Dr.Suja Gopalakrishnan
	Regulation of Respiration	Dr.P Sri Nanthini Dr.Karthikeyan J V	Dr.C V Lalithambika, Dr.Deepa Sivaraj
18-07-2025	General Endocrinology	Dr.Anagha P	Dr.Saraswathy L, Dr.Suja Gopalakrishnan
19-07-2025	Growth hormone	Dr.Anagha P	Dr.Saraswathy L, Dr.Suja Gopalakrishnan
21-07-2025	Thyroid hormones & Calcium metabolism	Dr.Anagha P	Dr.Suja Gopalakrishnan, Dr.Rose Mary Jacob V
22-07-2025	Cerebellum	Dr.Nanditha Rajesh Dr.Sai ShankarR	Dr.C V Lalithambika, Dr.Deepa Sivaraj
25-07-2025	Basal Ganglia	Dr.Nanditha Rajesh Dr.Sai Shankar V R	Dr.C V Lalithambika, Dr.Deepa Sivaraj

*Co-
Prof & HOD Physiology*

PRACTICALS (12 PM – 1 PM)

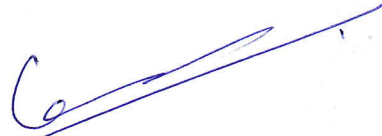
DATE	TOPIC	ATTENDEES	FACULTY
10-07-2025	Perimetry	Dr.Nanditha Rajesh, Dr.Sai Shankar V R	Dr.Sarika K S
11-07-2025	Clinical examination of Abdomen	Dr.P Sri Nanthini, Dr.Karthikeyan J V	Dr.Rose Mary Jacob V

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DATE	TIME	TOPIC	PRESENTER	FACULTY
12-07-2025	11.30am to 12 pm	Actions of Glucocorticoids	Dr. Sai Shankar	All Faculty
12-07-2025	12 pm to 12.30pm	Abnormalities of Glucocorticoids secretion	Dr. Nanditha Rajesh	All Faculty
15-07-2025	2 pm to 2.30pm	Surfactant	Dr. P Sri Nanthini	All Faculty
31-07-2025	12 pm to 12.30pm	High Altitude Physiology	Dr.Karthikeyan J V	All Faculty

JOURNAL CLUB

DATE	TIME	TOPIC	PRESENTER	FACULTY
15-07-2025	2.30pm- 3 pm	James Gauderman, Ph.D., Edward Avol, M.S., Frank Gilliland, . Effect of Air pollution on lung development in 10 – 18 years of age. N Engl J Med. 2004 Sep 9;351(11):1057-67	Dr. Karthikeyan	All Faculty
26-07-2025	2.30pm- 3 pm	Sanchari Chakraborty,Tapan Kumar Naskar Barnali Ray Basu Vitamin D – A silent risk factor for PCOS – A case control study. Indian J Physiol Allied Sci 2025;77(2):14-20	Dr. Sai Shankar	All Faculty
26-07-2025	3.00pm-3.30 pm	Kumar, Ramesh; Rastogi, Archana ¹ ; Sharma, Manoj Kumar; Bhatia Clinico pathological characters and metabolic profiles of NAFLD in Indian patients with normal BMI. Indian Journal of Endocrinology and Metabolism Jul–Aug 2013. 17(4):p 665-671	Dr. Nanditha Rajesh	All Faculty
31-07-2025	2.30 pm 3 pm	Katarina Tripska, Jan Draessler, Jitka Pokladnikova. Heart rate variability, perceived stress scaling and willingness to seek counselling in UG students. Journal of Psychosomatic Research. 2022 Sep:160:110972.	Dr. P Sri Nanthini	All Faculty



DR. SARASWATHY L
PROFESSOR & HOD, PHYSIOLOGY