



**AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE**

**AIMS Ponekkara P.O. Kochi-41**

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

**THEORY (9AM TO 10 AM)**

<b>DATE</b>	<b>TOPIC</b>	<b>FACULTY</b>
10-12-2025	WBC- I	Dr. Rose Mary Jacob V
29-12-2025	WBC- II	Dr. Rose Mary Jacob V

**GROUP DISCUSSION (11 AM - 12 NOON)**

**(ATTENDEES :ALL PGs)**

<b>DATE</b>	<b>TIME</b>	<b>TOPIC</b>	<b>PRESENTER</b>	<b>FACULTY</b>
29-12-2025	11am – 12 pm	Cardiac muscle properties, cardiac action potential, ECG	Dr. Nanditha Rajesh Dr. Sai Shankar V R	Dr. Suja Gopalakrishnan Dr. C V Lalithambika
30-12-2025	11am – 12 pm	Platelets, blood coagulation	Dr. Nanditha Rajesh Dr. Sai Shankar V R	Dr. Suja Gopalakrishnan Dr. Rose Mary Jacob
30-12-2025	2 pm–3 pm	Cardiac cycle, cardiac output, JVP, Heart sounds	Dr. Nanditha Rajesh Dr. Sai Shankar V R	Dr. C V Lalithambika Dr. Deepa Sivaraj
31-12-2025	11am – 12 pm	Blood grouping and blood transfusion	Dr. Nanditha Rajesh Dr. Sai Shankar V R	Dr. Rose Mary Jacob Dr. Deepa Sivaraj
31-12-2025	2pm – 3.30 pm	Hemodynamics, BP, Shock, Regional circulation	Dr. Nanditha Rajesh Dr. Sai Shankar V R	Dr. Suja Gopalakrishnan Dr. C V Lalithambika

**PRACTICALS (12.PM – 1.00 pm)**

**(ATTENDEES :ALL PGs)**

<b>DATE</b>	<b>TIME</b>	<b>TOPIC</b>	<b>ATTENDEES</b>	<b>FACULTY</b>
12-12-2025	12 pm – 1 pm	ESR, PCV	Dr. Nanditha Rajesh Dr. Sai Shankar V R	Dr. Deepa Sivaraj

**SEMINAR**

**(ATTENDEES :All Faculties & PGs)**

<b>DATE</b>	<b>TIME</b>	<b>TOPIC</b>	<b>PRESENTER</b>	<b>FACULTY</b>
23-12-2025	12.00 pm – 12.30 pm	Cardiac imaging techniques	Dr. Sai Shankar V R	All Faculty
	12.30 pm – 1.00 pm	Immunotherapy	Dr. Nanditha Rajesh	All Faculty
	3.00 pm – 3.30 pm	Metabolism & fate of RBC	Dr. P Sri Nanthini	All Faculty

**JOURNAL CLUB**  
(ATTENDEES : All Faculties & PGs)

DATE	TIME	TOPIC	PRESENTER	FACULTY
30-12-2025	2.00 pm– 2.30 pm	Bo Peng, Jinqing Li , Haitao Liu. Childhood Maltreatment, Low Serum Cortisol Levels, and Non-Suicidal Self-Injury in Young Adults With Major Depressive Disorders. Front Pediatr. 2022 Jun 3;10:822046.	Dr. P Sri Nanthini	All Faculty
	2.30pm– 3.00pm	Naiara Ribeiro Almeida, Diego Alves dos Santos, ,Kaio Lages dos Santos. Effects of Acute Morning Melatonin Supplementation Versus Placebo on Cardiometabolic Responses to High-Intensity Interval Exercise: A Randomized Crossover Trial in Active Men. Physiologia 2025, 5(4), 40; <a href="https://doi.org/10.3390/physiologia5040040">https://doi.org/10.3390/physiologia5040040</a>	Dr. Sai Shankar	All Faculty
	3.00 pm – 3.30 pm	Yuri Rykov ; Thuan-Quoc Thach ; Iva Bojic. Digital Biomarkers for Depression Screening With Wearable Devices: Cross-sectional Study With Machine Learning Modeling. JMIR Mhealth Uhealth. 2021 Oct 25;9(10):e24872.	Dr. Nanditha Rajesh	All Faculty



**DR. SUJA GOPALAKRISHNAN**  
**PROFESSOR & HOD, PHYSIOLOGY**  
**AIMS, KOCHI**