



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

**DEPARTMENT OF NUCLEAR MEDICINE**

**PG TEACHING SCHEDULE JANUARY 2026**

**THEORY (Time: 2 pm - 3pm)**

DATE	TOPIC	FACULTY
05.01.2026	Anatomy of kidney	Dr. Parvathy
07.01.2026	Physics - Counting systems	Dr. Manjit
12.01.2026	Units of Radiation	Dr. P Shanmuga Sundaram
19.01.2026	Nuances in Renal imaging	Dr. Padma
21.01.2026	Ideal Radiopharmaceuticals in Renal scintigraphy	Dr. P Shanmuga Sundaram
28.01.2026	Preparation of RPs for renal imaging	Dr. Ramkesh

**SEMINAR (Time: 3 pm - 4 pm)**  
**(Attendees: All faculties and PGs)**

DATE	TOPIC	PRESENTER	CHAIRPERSON
03.01.2026	Iodine chemistry and labelling	Dr. Sanjana	Dr. Padma
10.01.2026	Gallium chemistry and Labelling	Dr. Krishna	Dr. Manjit
17.01.2026	Use of PETCT in oncology	Dr. Vikram	Dr. Ramkesh
27.01.2026	Pixel overflow & Partial volume effects	Dr. Sanjana	Dr. P Shanmuga Sundaram

**CASE PRESENTATION (Time: 2 pm – 3 pm)**  
**(Attendees: All faculties and PGs)**

DATE	TOPIC	PRESENTER	FACULTY
01.01.2026	Methods of stress testing in CAD	Dr. Sairam	Dr. Padma S
08.01.2026	Short case – Lymphedema	Dr. Sanjana	Dr. Manjit Sarma
22.01.2026	Scan sessions (Bone SPECT imaging)		Dr. P Shanmuga Sundaram

**JOURNAL CLUB (Time: 4 pm - 5 pm)**  
**(Attendees: All faculties and PGs)**

DATE	TOPIC	PRESENTER	FACULTY
03.01.2026	Lazzaroni et.al, Biologically Individualized Radiotherapy Based on PET: A Novel Approach to Treatment Optimization of Head and Neck Cancer. J Nucl Med. 2025 Dec 30: jnumed.125.270403. doi: 10.2967/jnumed.125.270403. Online ahead of print.	Dr. Krishna	Dr. P Shanmuga Sundaram
10.01.2026	Badawi et.al, First Human Imaging Studies with the EXPLORER Total-Body PET Scanner. J Nucl Med. 2019 Mar;60(3):299-303.	Dr. Vikram	Dr. Padma S
17.01.2026	Oliver Sartor et.al, Resisting RECIST: PSMA PET and Regulatory Change in Prostate Cancer, Journal of Nuclear Medicine November 2025, 66 (11) 1683; DOI: <a href="https://doi.org/10.2967/jnumed.125.271144">https://doi.org/10.2967/jnumed.125.271144</a>	Dr. Sairam	Dr. P Shanmuga Sundaram
24.01.2026	Khaja MS et.al, Prosthetic vascular graft infection imaging. Clin Imaging. 2013 Mar-Apr;37(2):239-44.	Dr. Sanjana	Dr. Manjit

**GROUP DISCUSSION (Time: 2pm - 3pm)**  
**(Attendees: All faculties and PGs)**

DATE	TOPIC	FACULTY
02.01.2026	PET MRI – Infection imaging	Dr. P Shanmuga Sundaram
09.01.2026	Understanding quantitative parameters in DTPA renogram	Dr. Manjit Sarma
16.01.2026	SPECTCT processing	Dr. Padma S
23.01.2026	LVEF in various cardiac disorders	Dr. P Shanmuga Sundaram

**PRACTICALS (Time: 4 pm - 5 pm)**

DATE	TOPIC	FACULTY
06.01.2026	QC of RP - MDP	Technologist demo
20.01.2026	Basic principles of personnel monitoring	Dr. Padma S

**CLINICAL PATHOLOGY MEETING (Time: 3 pm – 4.30 pm)**  
**(Attendees: All PGs)**

DATE	TOPIC	PRESENTER	FACULTY
12.01.2026	Headache	Dr. Krishna	Dr. Padma S
19.01.2026	Lesion in finger	Dr. Sairam	Dr. P Shanmuga Sundaram

**PROCEDURE - 1231**



**DR. P. SHANMUGA SUNDARAM**  
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