



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

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

**DEPARTMENT OF NUCLEAR MEDICINE**

**PG TEACHING SCHEDULE MARCH 2026**

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

<b>DATE</b>	<b>TOPIC</b>	<b>FACULTY</b>
02.03.2026	Evaluation of poorly functioning kidney	Dr. Padma
04.03.2026	Esophageal motility in post RT cases	Dr. Parvathy
09.03.2026	Gamma camera- Performance characteristics part 1	Dr. Padma
11.03.2026	Modes of radioactive decay	Dr. Ramkesh
18.03.2026	Gamma camera- Performance characteristics part 2	Dr. Manjit Sarma
25.03.2026	Generator & Cyclotron produced radiopharmaceuticals	Dr. P Shanmuga Sundaram

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

<b>DATE</b>	<b>TOPIC</b>	<b>PRESENTER</b>	<b>CHAIRPERSON</b>
07.03.2026	Patient preparation for FDG PET myocardial imaging	Dr. Krishna	Dr. Padma S
14.03.2026	Types of Radio immunoassays	Dr. Vikram	Dr. P Shanmuga Sundaram
21.03.2026	Hyperthyroidism in children	Dr. Keeya	Dr. Padma S
28.03.2026	Compton camera	Dr. Vikram	Dr. Manjit Sarma

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

DATE	TOPIC	PRESENTER	FACULTY
05.03.2026	Hyperbilirubinemia	Dr. Krishna Reddy	Dr. P Shanmuga Sundaram
12.03.2026	Short case : Liver spleen scintigraphy	Dr. Sanjana	Dr. Padma
19.03.2026	Paediatric differentiated thyroid carcinoma	Dr. Sai	Dr. Manjit Sarma
26.03.2026	Rarely performed scintigraphy studies	Dr. Vikram	Dr. Parvathy

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

DATE	TOPIC	PRESENTER	FACULTY
07.03.2026	Nayakale et al; PSMA-Targeted Positron Emission Tomography Imaging in Solid Tumors Other Than Prostate Carcinoma: An Update Seminars in Nuclear Medicine, Volume 55, Issue 5, September 2025, Pages 672-679	Dr. Krishna	Dr. Manjit Sarma
14.03.2026	Addressing Partial Volume Effects in Clinical PET Quantification: Modern Correction Strategies and Challenges PET Clinics, Volume 20, Issue 4, October 2025, Pages 407-422	Dr. Sanjana	Dr. Padma
21.03.2026	Even-Sapir E. 68Ga-PSMA is a novel PET-CT tracer for imaging of hepatocellular carcinoma: A prospective study, J Nucl Med, 60 (2019), pp. 185-191	Dr. Sai	Dr. P Shanmuga Sundaram
28.03.2026	Van de Wiele C. 68Ga-PSMA-HBED-CC PET imaging in breast carcinoma patients EJNMMI, 44 (2017), pp. 689-694	Dr. Vikram	Dr. Parvathy

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

DATE	TOPIC	FACULTY
06.03.2026	PETMR Applications - Overview	Dr. P Shanmuga Sundaram
13.03.2026	Dynamic and 4D PET acquisition	Dr. Padma S
20.03.2026	RECIST criteria	Dr. Padma
27.03.2026	SUV and its importance	Dr. Ramkesh

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

DATE	TOPIC	FACULTY
03.03.2026	QC of Gamma Camera (Intrinsic uniformity)	Technologist demonstration
17.03.2026	QC of Gamma Camera (Extrinsic uniformity)	Technologist demonstration

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

DATE	TOPIC	PRESENTER	FACULTY
23.03.2026	Nasal mass	Dr. Reshmi	Dr. Padma S
30.03.2026	Neuroendocrine tumour of Appendix	Dr. Keya	Dr. P Shanmuga Sundaram

**PROCEDURE - 1502**



**DR. P. SHANMUGA SUNDARAM**  
**PROFESSOR & HOD**  
**DEPARTMENT OF NUCLEAR MEDICINE,**  
**AIMS, KOCHI**

