



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

PG TEACHING SCHEDULE AUGUST 2026

THEORY (Time: 2 pm - 3pm)

DATE	TOPIC	FACULTY
03.08.2026	Artifacts encountered in Head & neck imaging on PETMR with trouble shooting	Dr. P Shanmuga Sundaram
05.08.2026	Practical consideration in working of Dual head Gamma camera in cardiac imaging	Dr. Ramkesh
10.08.2026	Linear energy transfer and Relative biological effectiveness.	Dr. Parvathy
17.08.2026	Working Principles of Gamma probe & clinical applications	Dr. Padma S
19.08.2026	Tomographic reconstruction SPECT part I	Dr. Manjit Sarma
24.08.2026	Tomographic reconstruction SPECT Part 2	Dr. Padma S

SEMINAR (Time: 4 pm - 5 pm) (Attendees: All faculties and PGs)

DATE	TOPIC	PRESENTER	CHAIRPERSON
01.08.2026	Working principles of Gamma camera	Dr. Vikram	Dr. Parvathy
08.08.2026	FDG PET tracers and their applications	Dr. Keya	Dr. P Shanmuga Sundaram
22.08.2026	Thyroid uptake probe – working principles	Dr. Rashmi	Dr. Padma S
29.08.2026	Cerebral perfusion SPECT	Dr. Vikram	Dr. Manjit Sarma

CASE PRESENTATION (Time: 4 pm - 5 pm)
(Attendees: All faculties and PGs)

DATE	TOPIC	PRESENTER	FACULTY
06.08.2026	Scan session on Renal pathologies	Dr. Rashmi	Dr. P Shanmuga Sundaram
13.08.2026	Parathyroid scintigraphy – Old & new tracers	Dr. Keya	Dr. Manjit
20.08.2026	Patient with recent chest pain - Myocardial perfusion SPECT	Dr. Vikram	Dr. Padma S

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

DATE	TOPIC	PRESENTER	FACULTY
08.08.2026	Alessio Rizzo, Giorgio Treglia, PSMA PET in renal cell carcinoma: an update and future aspects. Semin Nucl Med. 2026 Mar;56(2):162-172.	Dr. Rashmi	Dr. Padma S
21.08.2026	Savvas Frangos, et.al, Response assessment in advanced differentiated thyroid cancer. Semin Nucl Med. 2026 Jan;56(1):31-39.	Dr. Keya	Dr. P Shanmuga Sundaram
24.08.2026	Mitesh Naik, et.al, Imaging and therapy in prostate cancer using prostate specific membrane antigen radioligands, Br J Radiol. 2024 Aug 1;97(1160):1391-1404. doi: 10.1093/bjr/tqae092.	Dr. Rashmi	Dr. Manjit Sarma
29.08.2026	Shagera et.al, FAPI PET imaging value in radiotherapy planning and assessment in head and neck cancer. Semin Nucl Med. 2026 Jan;56(1):62-71.	Dr. Vikram	Dr. Parvathy

GROUP DISCUSSION (Time: 2 pm – 3 pm)

(Attendees: All faculties and PGs)

DATE	TOPIC	All PGs	FACULTY
07.08.2026	Thyroid nodule and management as per current guidelines	-do-	Dr. P Shanmuga Sundaram
14.08.2026	Imaging in Graves' disease	-do-	Dr. Parvathy
21.08.2026	Imaging protocols, processing and display of Brain SPECT	-do-	Dr. Padma S

PRACTICALS (Time: 4 pm - 5 pm)

(Attendees: All PGs)

DATE	TOPIC	All PGs	FACULTY
04.08.2026	PMT demonstration	-do-	Tech demonstration
11.08.2026	Shielding instruments used for high dose I ¹³¹ therapy	-do-	Dr. Parvathy
31.08.2026	Dispensing & demonstration of high dose I ¹³¹ therapy	-do-	Dr. Padma

CLINICAL PATHOLOGY MEETING (Time: 3 pm – 4.30 pm)

(Attendees: All PGs)

DATE	TOPIC	PRESENTER	FACULTY
03.08.2026	Child with leg swelling	Dr. Vikram	Dr. Padma S
24.08.2026	Right frontal bone lump	Dr. Krishna	Dr. Shanmuga Sundaram

PROCEDURE - 1224



DR. P. SHANMUGA SUNDARAM
PROFESSOR & HOD
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