AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

PG TEACHING SCHEDULE SEPTEMBER 2026

THEORY (Time: 2 pm - 3pm)

DATE	TOPIC	FACULTY
02.09.2026	Anatomy & Blood supply to myocardium	Dr. Parvathy
07.09.2026	Instrumentation – Counting systems – Well counter	Dr. P Shanmuga Sundaram
09.09.2026	Radiopharmaceuticals used in Lung imaging	Dr. Ramkesh
14.09.2026	Counting statistics	Dr. Padma
16.09.2026	Lung perfusion & ventilation imaging – Indications & procedure	Dr. Shanmuga Sundaram
21.09.2026	Instrumentation – Counting systems – Well counter, dead time	Dr. Padma S
28.09.2026	Instrumentation – Liquid scintillation counters	Dr. Manjit

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

DATE	TOPIC	PRESENTER	CHAIRPERSON
05.09.2026	Recent advances in Instrumentation of PETCT – Long axial field of view PETCT	Dr. Keya	Dr. P Shanmuga Sundaram
12.09.2026	MIRD	Dr. Krishna Reddy	Dr. Padma S
19.09.2026	Gamma probes : Collimation & QC	Dr. Reshmi	Dr. Manjit Sarma
26.09.2026	Neuro quantitation studies	Dr. Vikram	Dr. Parvathy

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

DATE	TOPIC	PRESENTER	FACULTY
03.09.2026	Differentiated thyroid cancer – Distant mets evaluation	Dr. Vikram	Dr. P Shanmuga Sundaram
10.09.2026	Solitary thyroid nodule evaluation with NM techniques	Dr. Reshmi	Dr. Padma S
17.09.2026	Scan reading session – Renal problems	Dr. Krishna Reddy	Dr. Ramkesh
24.09.2026	Scan reading Session (Nuclear Oncology)	Dr. Keya	Dr. Shanmuga Sundaram

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

DATE	TOPIC	PRESENTER	FACULTY
05.09.2026	Christos Sachpekidis, Antonia Dimitrakopoulou-Strauss, Long Axial Field-of-View(LAFOV) PET/CT in Prostate Cancer. *Semin Nucl Med.* 2025 Jan;55(1):67-75.	Dr. Krishna Reddy	Dr. P Shanmuga Sundaram
12.09.2026	Lucia Zanoni, Davide Bezzi, et.al, PET/CT in Non-Hodgkin Lymphoma: An Update, *Semin Nucl Med.* 2023 May;53(3):320-351.	Dr. Keya	Dr. Padma
19.09.2026	Christopher G Sakellis, Heather A Jacene, et.al, Imaging for Radiation Planning in Breast Cancer, *Semin Nucl Med,* 2022 Sep;52(5):542-550.	Dr. Vikram	Dr. Manjit
26.09.2026	Emil Novruzov, Yuriko Mori, et.al, Role of Non-FDG Tracers in Lung Cancer?, *Semin Nucl Med.* 2022 Nov;52(6):720-733.	Dr. Reshmi	Dr. Ramkesh

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

DATE	TOPIC	All PGs	FACULTY
11.09.2026	NM techniques in CNS and quantitative SPECT	-do-	Dr. Parvathy
18.09.2026	Lung V/Q imaging – PIOPED & Modified PIOPED criteria	-do-	Dr. Padma S
23.09.2026	Techniques in Lymphoscintigraphy – Pearls & Pitfalls	-do-	Dr. Shanmuga Sundaram
25.09.2026	RPs in Amyloid imaging	-do-	Dr. Manjit

PRACTICALS (Time: 4 pm - 5 pm)
(Attendees: All PGs)

DATE	TOPIC	All PGs	FACULTY
01.09.2026	Pixel Size estimation	-do-	Technologist demonstration
08.09.2026	Maximum Count rate performance of Gamma camera	-do-	Technologist demonstration
15.09.2026	QC of PET RP	-do-	Dr. Krishna Reddy
22.09.2026	QC of TcO4 and Tc- DMSA	-do-	Dr. Vikram

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

DATE	TOPIC	PRESENTER	FACULTY
07.09.2026	Lacrimal lesion	Dr. Keya	Dr. Padma S
21.09.2026	Osteoid osteoma right femur	Dr. Vikram	Dr. Shanmuga Sundaram

PROCEDURE - 2029

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