



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

PG TEACHING SCHEDULE APRIL 2026

THEORY (Time: 2 pm - 3pm)

DATE	TOPIC	FACULTY
06.04.2026	Introduction on Radioimmuno assay in NMed	Dr. Ramkesh
08.04.2026	Responsibilities of RSO	Dr. P Shanmuga Sundaram
13.04.2026	Transport of radioactive consignments- Categories & Labels of packages	Dr. Parvathy
20.04.2026	Phantoms in nuclear Medicine & its applications in NMed	Dr. Manjit Sarma
22.04.2026	Gas filled detectors - Ionization Chambers	Dr. Padma S
27.04.2026	Gas filled detectors - Proportional Counters	Dr. Ramkesh
29.04.2026	Handling & Transport of Radioactive packages	Dr. Padma
30.04.2026	Gas filled detectors - Geiger-Müller (GM) Counters	Dr. P Shanmuga Sundaram

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

DATE	TOPIC	PRESENTER	CHAIRPERSON
04.04.2026	Guidelines for labelling leucocytes with FDG for infection imaging	Dr. Keya	Dr. Parvathy
11.04.2026	RP for Thyroid scintigraphy, techniques, applications	Dr. Sanjana	Dr. P Shanmuga Sundaram
18.04.2026	SPECT & PET RPs for Infection imaging	Dr. Vikram	Dr. Parvathy
25.04.2026	Management of Low risk DTC	Dr. Krishna Reddy	Dr. Padma S

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

DATE	TOPIC	PRESENTER	FACULTY
02.04.2026	Eyelid lump	Dr. Sanjana	Dr. Padma S
09.04.2026	Lateral Neck swelling	Dr. Vikram	Dr. P Shanmuga Sundaram
16.04.2026	TENIS syndrome	Dr. Krishna Reddy	Dr. Manjit Sarma
23.04.2026	Scalp swelling	Dr. Keya	Dr. Padma S

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

DATE	TOPIC	PRESENTER	FACULTY
04.04.2026	Ramonaheng et.al, Advances in Dosimetry and Imaging for 203Pb and 212Pb Radiotheranostics. Semin Nucl Med. Nov 2025, Pages 1011-1031 Keamogetswe	Dr. Sanjana	Dr. P Shanmuga Sundaram
11.04.2026	D.J. Kwekkeboom, EP. Krenning, Peptide receptor radionuclide therapy in the treatment of neuroendocrine tumors, Hematol/Oncol Clin North Am, 30 (1) (2016), pp. 179-191	Dr. Keya	Dr. Ramkesh
18.04.2026	K. Zukotynski, H. Jadvar, J. Capala, et al, Targeted radionuclide therapy: Practical applications and future prospects, Biomark Cancer, 8 (Suppl 2) (2016), pp. 35-38	Dr. Reshmi	Dr. Manjit
25.04.2026	H. Obata, M. Ogawa, MR. Zalutsky, DNA repair inhibitors: Potential targets and partners for targeted radionuclide therapy, Pharmaceuticals, 15 (7) (2023), p. 1926	Dr. Krishna Reddy	Dr. Padma S

GROUP DISCUSSION (Time: 4pm - 5pm)

(Attendees: All faculties and PGs)

DATE	TOPIC	FACULTY
06.04.2026	Abbreviated protocols for stress MPI SPECT	Dr. Parvathy
10.04.2026	Acquisition & processing parameters for ECD Brain SPECTCT	Dr. Padma S
17.04.2026	Different generator systems - Extraction & elution of Tc	Dr. Manjit Sarma
24.04.2026	Quantitative SPECT – applications and how to determine it	Dr. P Shanmuga Sundaram

PRACTICALS (Time: 4 pm - 5 pm)

DATE	TOPIC	FACULTY
07.04.2026	Gamma probe - Types, physics and applications	Dr. Parvathy
14.04.2026	Quality control of RP – 99mTc Mebrofenin	MD students hand on & discussion

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

(Attendees: All PGs)

DATE	TOPIC	PRESENTER	FACULTY
20.04.2026	Forearm swelling	Dr. Vikram	Dr. Padma S
27.04.2026	Abdominal Lump	Dr. Krishna Reddy	Dr. Shanmuga Sundaram

PROCEDURE - 1367

P. Shanmuga Sundaram

DR. P. SHANMUGA SUNDARAM
PROFESSOR & HOD
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