



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

PG TEACHING SCHEDULE OCTOBER 2025

THEORY (Time: 2 pm - 3pm)

DATE	TOPIC	FACULTY
06.10.2025	Radionuclide evaluation of lungs	Dr. P Shanmuga sundaram
08.10.2025	Instrumentation - Quenching	Dr. Ramkesh
13.10.2025	Gas filled detectors – Radiation survey meters	Dr. Padma
15.10.2025	Cardiac PET radiopharmaceuticals	Dr. Parvathy
22.10.2025	How to calculate dead time of detector systems	Dr. P Shanmuga Sundaram
27.10.2025	Counting statistics	Dr. Manjit Sarma
29.10.2025	Instrumentation – Liquid scintillation counters part 2	Dr. Padma S

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

DATE	TOPIC	PRESENTER	CHAIRPERSON
04.10.2025	PET quantitation in epilepsy	Dr. Vikram	Dr. Parvathy
11.10.2025	Inorganic Scintillation detectors	Dr. Sanjana	Dr. P Shanmuga sundaram
18.10.2025	PET imaging in Vasculitis	Dr. Krishna	Dr. Padma
25.10.2025	Hypoxia imaging	Dr. Sairam	Dr. Manjit Sarma

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

DATE	TOPIC	PRESENTER	FACULTY
09.10.2025	DTC with solitary skeletal metastases	Dr. Vikram	Dr. Padma
16.10.2025	Toxic Multinodular goitre	Dr. Sanjana	Dr. Manjit
23.10.2025	Dilated cardiomyopathy - Myocardial viability evaluation with SPECT and PET	Dr. Krishna	Dr. P Shanmuga Sundaram

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

DATE	TOPIC	PRESENTER	FACULTY
04.10.2025	225Ac-PSMA-617 for Therapy of Prostate Cancer. Semin Nucl Med 50:133-140 , 2020	Dr. Vikram	Dr Padma
11.10.2025	Jayaprakasam, Neuroendocrine Tumor Therapy Response Assessment PET Clin 18 (2023) 267–286	Dr. Sanjana	Dr. Ramkesh
18.10.2025	Harvey A. Ziessman, Sincalide Cholescintigraphy—32 Years Later: Evidence-Based Data on Its Clinical Utility and Infusion Methodology Semin Nucl Med 42:79-83 © 2012	Dr. Krishna	Dr. P Shanmuga Sundaram
25.10.2025	Shah et.al, Current and upcoming radionuclide therapies in the direction of precision oncology: A narrative review. European Journal of Radiology Open https://doi.org/10.1016/j.ejro.2023.100477	Dr. Sairam	Dr. Manjit

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

DATE	TOPIC	FACULTY
03.10.2025	Techniques and procedure of Medical Radiosyovectomy	Dr. Padma
10.10.2025	RPs used in Bone pain palliation	Dr. Ramkesh
17.10.2025	Alpha therapy - Radiopharmaceuticals	Dr. Manjit Sarma
24.10.2025	Crystals used in Gamma Camera	Dr. P Shanmuga Sundaram

PRACTICALS (Time: 4 pm - 5 pm)

DATE	TOPIC	FACULTY
07.10.2025	Decontamination of NM lab	Dr. Padma
14.10.2025	Radiation survey of nuclear med dept - demonstration	Dr. Ramkesh
21.10.2025	Radionuclide evaluation of GIT	Dr. P Shanmuga Sundaram

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

(Attendees: All PGs)

DATE	TOPIC	PRESENTER	FACULTY
13.10.2025	Adrenal mass	Dr. Vikram	Dr. Padma S
27.10.2025	Right neck swelling	Dr. Sairam	Dr. Shanmuga Sundaram

PROCEDURE - 1494

P Shanmuga Sundaram

**DR. P. SHANMUGA SUNDARAM
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