AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

PG TEACHING SCHEDULE OCTOBER 2026

THEORY (Time: 2 pm - 3pm)

DATE	TOPIC	FACULTY
05.10.2026	Radionuclide evaluation of lungs	Dr. P Shanmuga sundaram
07.10.2026	Instrumentation - Quenching	Dr. Parvathy
12.10.2026	Gas filled detectors – Radiation survey meters	Dr. Padma
14.10.2026	Cardiac radiopharmaceuticals	Dr. Ramkesh
19.10.2026	How to calculate dead time of detector systems	Dr. P Shanmuga Sundaram
21.10.2026	Counting statistics	Dr. Manjit Sarma
28.10.2026	Instrumentation – Liquid scintillation counters part 2	Dr. Padma S

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

DATE	TOPIC	PRESENTER	CHAIRPERSON
03.10.2026	PET quantitation in Neurology	Dr. Vikram	Dr. Parvathy
10.10.2026	Inorganic Scintillation detectors	Dr. Reshmi	Dr. P Shanmuga sundaram
17.10.2026	PET imaging in Autoimmune etiologies	Dr. Krishna Reddy	Dr. Padma
24.10.2026	Correlative imaging of Hepatobiliary diseases	Dr. Keya	Dr. Manjit Sarma

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

DATE	TOPIC	PRESENTER	FACULTY
01.10.2026	High risk DTC pathology with high thyroglobulin	Dr. Krishna Reddy	Dr. Padma
08.10.2026	Amiodarone induced thyrotoxicosis	Dr. Keya	Dr. Ramkesh
15.10.2026	Myocardial viability evaluation with radiopharmaceuticals	Dr. Reshmi	Dr. P Shanmuga Sundaram

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

DATE	TOPIC	PRESENTER	FACULTY
03.10.2026	Hina J Shah, Evan Ruppell, et.al, Current and upcoming radionuclide therapies in the direction of precision oncology: A narrative review, *Eur J Radiol* Open. 2023 Jan 31:10:100477.	Dr. Krishna Reddy	Dr. Padma
10.10.2026	Anthony Ku, Valerie J Facca, et.al, Auger electrons for cancer therapy – a review, EJNMMI *Radiopharm Chem.* 2019 Oct 11;4(1):27.	Dr. Keya	Dr. Ramkesh
17.10.2026	18F-FDG PETCT focal, but not osteolytic, lesions predict the progression of smoldering myeloma to active disease, *Leukemia* (2016) 30, 417–422; doi:10.1038/leu.2015.291	Dr. Vikram	Dr. P Shanmuga Sundaram
24.10.2026	Clemens Kratochwil, Uwe Haberkorn, Frederik Lars Giesel, 225Ac-PSMA-617 for Therapy of Prostate Cancer. *Semin Nucl Med* 50:133-140 , 2020	Dr. Reshmi	Dr. Manjit

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

DATE	TOPIC	PRESENTER	FACULTY
19.10.2026	Left toe ulceration	Dr. Reshmi	Dr. Padma S
26.10.2026	Midline neck swelling	Dr. Keya	Dr. Shanmuga Sundaram

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

DATE	TOPIC	All PGs	FACULTY
09.10.2026	Techniques and procedure of Medical Radiosyovectomy	-do-	Dr. Padma
16.10.2026	RPs used in Bone pain palliation	-do-	Dr. Ramkesh
23.10.2026	Alpha therapy - Radiopharmaceuticals	-do-	Dr. Manjit Sarma
30.10.2026	Crystals used in Gamma Camera	-do-	Dr. P Shanmuga sundaram

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

DATE	TOPIC	All PGs	FACULTY
06.10.2026	Radiation survey measures	-do-	Dr. Padma
13.10.2026	Radiation survey instruments	-do-	Dr. Parvathy
27.10.2026	Standardisation of solid meal for GI motility studies	-do-	Dr. P Shanmuga Sundaram

PROCEDURE - 2154

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