



Department of Radio-dignosis

Goals

- Utmost Patient care.
- Up- to-date current Medical knowledge.
- Practice-based learning and improvements
- Interpersonal and communication skills
- Professionalism

Objectives

- Realization of the basic need of various radio-diagnostic tools.
- Appropriate radio-diagnostic techniques to be adopted indifferent clinical situations in diagnosis of ailments.
- Proper consent for various patient examination.
- Case discussion with referring physicians.
- Participating in interdepartmental research activities.
- Performing various radiological procedure under strict PCPNDT act.

Infrastructure

Sr. No.	Room
1	Professor Room
2	Associate Professor Room
3	Assistant Professor
4	Demo Room With LCD Projector
5	Reporting Room
6	Departmental Library
7	Museum
8	Patient Waiting Area
9	Resuscitation Room

Infrastructure: Departmental Library

Radio-dignosis	Books	Title
Central Library	445	249
Departmental Library	197	173
Journal	Indian 04	Foreign 03

Department's Equipment's

Name of the items	Qty
Conventional X-ray Unit for routine X ray 300 mA, 500mA, 600 mA, 800mA (with IITV) - 1	1+1+3+1 Total 6
CR system	1
DR System	-
Mobile X-ray units	-
a) 60 mA	1
b) 100mA	4+2(UHTC,RHTC)
Ultrasonography equipment and color Doppler (Additional unit independently for OBGY).	7+1
CT (16 slice).	1
Mammography	1
MRI	1
Multimedia Projector with Screen	1
The department have resuscitation equipment like laryngoscope, all size endotracheal tubes, nasal and oral airways, Magill's forceps , Electrical suction apparatus	-

Radiology Facilities Provided

Sr. No.	Facilities
1	MRI
2	CT- Scan
3	Ultrasound and Doppler study
4	Radiography
5	Mammography
6	Special procedures {E.G., IVU, MCU, RGU, HSG, barium studies}



Clear Vue 350 machine



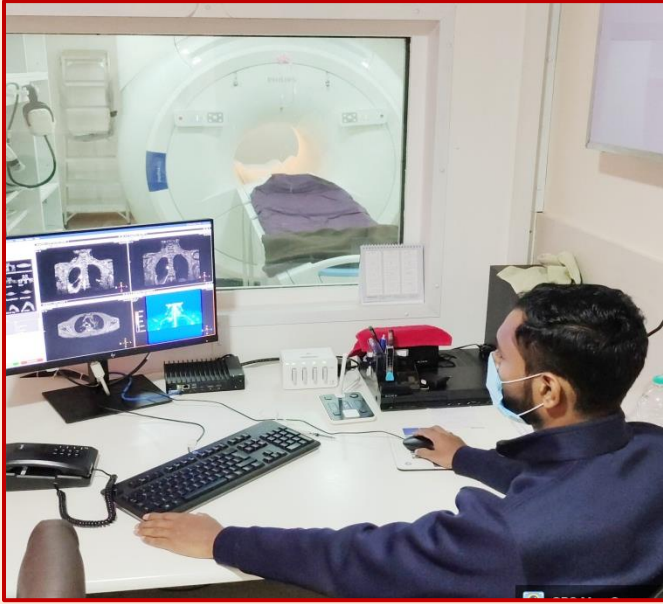
Affinity 70G machine



Affinity 50G



MRI



CT- scan



Sonography



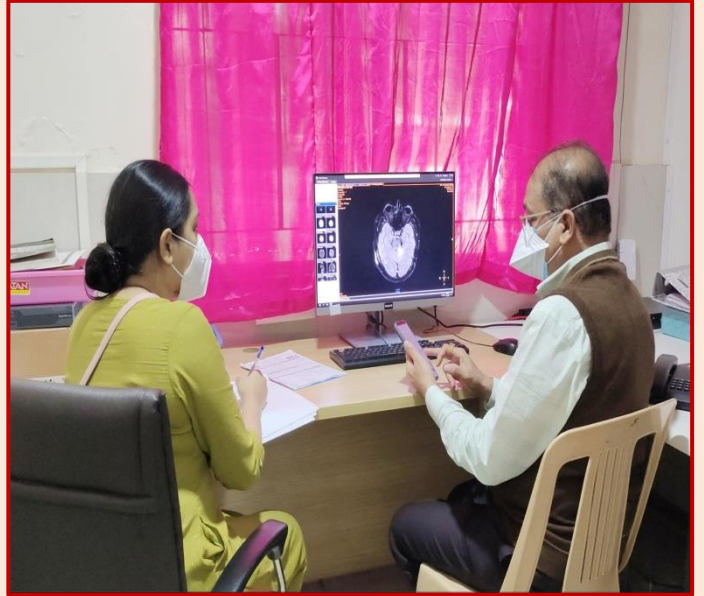
X-Ray



Mammography



Reporting Room



Teaching Learning Methods

- Clinical postings
- Seminar
- Journal Club
- Case Discussion
- Interdepartmental activity
- Workshop
- Guest Lectures
- Conference



Student Support & Progression

UG	PG
UG Lectures	Lectures
Clinical postings	Seminar
Orientation Programme	Journal Club
	Case Presentations
	Spotters
	Film Reading Session
	Basic Life Support
	Advance Trauma Life Support

Students Evaluation Our institute follows continuous-Internal assessment

- Theory
- Practical exam

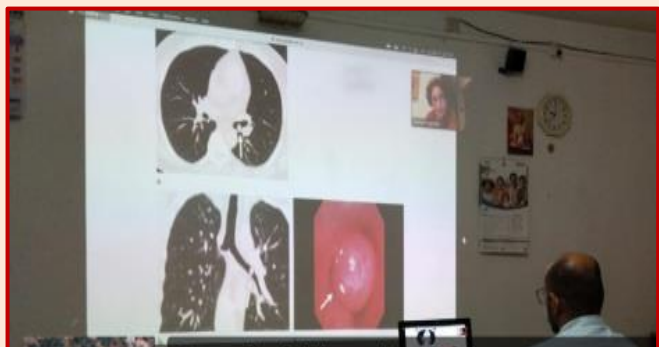
Students Performance



Received 1st price in case presentation at
MEDICIENCIA 2022
Dr. Nikhil M Jadhav

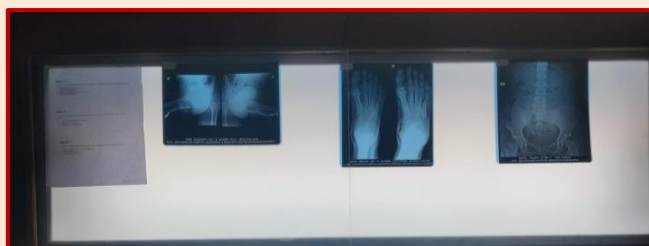
Best Practice of Department

- Case of the week displayed at college radiology notice board
- Public awareness regarding the gender equality



Departmental Activities

- Seminar
- Faculty lectures
- Guest lectures
- Journal club,
- Case discussion
- Interdepartmental activity
- Workshop
- Basic Life Support
- Advance Trauma Life Support



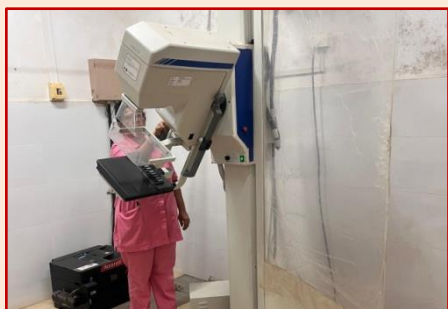
Governance and Leadership

Additional responsibilities of Departmental Faculties:

- Library committee
- College council committee
- Anti-ragging committee
- Infection control committee
- Maintenance committee
- Internal complaints committee
- Student grievance committee



The Interventional Radiology department is supported by Tata Memorial Hospital, Mumbai. The CT scan identifies 'tumour' in any part of the body; biopsies are immediately carried out of tumors from lungs, chest, stomach, neck, thorax, deep seated areas including trans jugular Hepatic biopsies & are reported fast so as to initiate early treatment. Similarly, PTBD (Hepatic Bill are drainage), CBD Metal stent, pigtail catheters, lower limb angiogram, circle of Willis and carotid angiographies and tumor embolization, Laser ablations for varicose veins, sclera-therapy. Digital X-ray machines installed with image distribution software offer much better-quality x-ray images thus helping the overall diagnosis. MRI Facility is a boon for rural patients as it is made available at subsidized cost with a fast reporting system. Various free screening camps are organized for early detection of cancers, high risk scans for antenatal mothers & other diseases. And to top it all, these MRI services are available at almost subsidized rate than the charge prevailing in bigger cities. More than 4000 MRI are performed annually.



Mammography unit is specially installed to support the cancer screening program launched by Tata memorial hospital.