



DEPARTMENT OF **RADIODIAGNOSIS**

— Accurate Reporting • Patient Care —

DEPARTMENT DETAILS

Introduction /Overview

Our Department of Radiology is responsible for Diagnostic imaging Care, education, research, and often leadership in radiological innovation. By leveraging tools such as X-rays, MRIs, CT scans, ultrasounds, and other diagnostic modalities, our radiology team provides critical insights that aid in accurate diagnosis, treatment planning, and patient care. With a commitment to innovation, patient safety, and quality, the department plays a crucial role in enhancing health outcomes and supporting multidisciplinary care teams. It plays a critical role in the diagnosis, treatment, and management of diseases or conditions that require radiological intervention

Teaching and training of medical students and residents in the fundamentals of radiology

Provide Accurate Diagnoses: Utilize state-of-the-art imaging technologies to deliver precise and timely diagnoses, aiding clinicians in making informed decisions for effective patient care.

Support Multidisciplinary Collaboration: Foster effective communication and collaboration with other healthcare departments to ensure comprehensive patient care and seamless integration of imaging findings into treatment plans. Develop skills in diagnostic imaging.

Improve Patient Experience: Strive to provide compassionate, patient-centered care by offering clear communication, minimizing wait times, and ensuring comfort during imaging procedures

Mission Is to Provide

Provide High-Quality Radiological Education
Deliver Exceptional Imaging Care to patients
Advance Radiological Research
Foster Professionalism and Ethics
Engage in Community Service
Emphasize Interdisciplinary Collaboration

List of Teaching Faculties

Sr. No.	Name of Faculty	Designation	Qualification	Total Teaching experience	Photo
1	Dr Anjali wasadikar	Professor	MBBS MD	32.5 year	
1	Dr Prasanna Barhate	Assistant professor	MBBS MD	2.8 year	
2	Dr Nidhi Mandhana	Senior Resident	MBBS MD	3 months	
3	Dr Sumit Mahale	Senior Resident	MBBS MD	-	

List of Non-Teaching Staff

Sr. No.	Name	Post
1	Suryakant Patil	CT Technician
2	Kapil Mahale	CT Technician
3	Sushant Pingale	CT Technician
4	Amit Chaudhary	CT Technician
5	Dipak Patil	MRI Technician
6	M K Patil	X Ray Technicians
7	Sunny Khandagale	
8	Balaji Sangale	
9	Rahul Jagtap	
10	Raviraj Rane	
11	Irfan shaikh	
12	Mayur Dhangar	

Activities by Department

Post Graduate Activities(weekly)

Academic Activities in the Radiology Department

- 1. Daily Case Discussion:** Review of interesting cases with clinical correlation.
- 2. Lectures & Seminars:** Regular teaching sessions for UG and PG students on imaging techniques, anatomy, and pathology.
- 3. Journal Club:** Critical review of recent radiology research articles.
- 4. Film Reading Sessions:** Hands-on training in interpreting X-rays, CTs, MRIs, and ultrasounds.
- 5. Interdepartmental Meetings (IDMs):** Joint case discussions with clinical departments.
- 6. CME Programs & Workshops:** Participation in radiology conferences, CMEs, and hands-on workshops.
- 7. Research & Thesis Work:** PG thesis preparation and encouragement of research and publications.
- 8. Mock Exams & Quizzes:** Image-based quizzes and exam-oriented viva sessions.

Best Practices/ facilities/Services offered by Department.

1. XRAY DR and CR

2. ULTRASOUND

A. Antenatal ultrasounds

- Dating scans
- NT scans
- Fetal growth assessment
- Fetal Doppler assessment and screening of PIH
- Obstetrics emergency scans

B. Abdominal And pelvic ultrasounds

- Liver, gallbladder, pancreas, kidneys, spleen
- Urinary bladder and prostate (in males)
- Uterus and ovaries (in females)
- Ascites and organomegaly assessment

C. Small Parts Ultrasound

- Thyroid and parathyroid glands
- Scrotum and testes
- Breast ultrasound
- Soft tissue swellings

D. Musculoskeletal (MSK) Ultrasound

- Joints, tendons, ligaments, and muscle evaluation
- Detection of effusions, tears, and cysts

E. Vascular Ultrasound

- Doppler Studies: Portal and hepatic Doppler
- Carotid and vertebral arteries
- Peripheral arterial and venous Doppler (for DVT, varicose veins)
- Renal artery Doppler

F. Pediatric Ultrasound

- Neonatal cranial ultrasound
- Infantile hip ultrasound
- Pyloric stenosis screening
- Abdominal masses in children

G. Ultrasound-Guided Procedures

- Aspiration and drainage
- Ultrasound guided FNAC or biopsy of superficial and deep lesions
- Catheter placements

H. Emergency Ultrasound

- Focused Assessment with Sonography in Trauma (FAST)
- Point-of-care USG (POCUS) in ICUs and emergency settings

3. CT/ CECT SERVICES

- CT/CECT Brain
- CT Paranasal Sinuses (PNS)
- CT Orbit
- CT/CECT Chest (HRCT)
- CT /CECT Abdomen (Triple phase CT)
- CT/ CECT Pelvis
- CT KUB (Kidneys, Ureters, Bladder)
- CT Spine (Cervical / Dorsal / Lumbar)
- CT Bones / Joints
- CT Temporal Bone
- CT Facial Bones
- CT virtual bronchoscopy
- CECT Neck
- CT Angiography

4. MRI (Plain and Contrast Studies)

- MRI Brain with Angio/Venography
- MRI Spine with myelography
- MRI Pelvis
- Musculoskeletal MRI (Shoulder, wrist, Hips, Knee, Ankle, TMJ)
- MRI Abdomen and Pelvis
- MRI Orbit
- MRCP
- MRI/CE MRI Neck
- MR Angiography

List of Publications and Research (Faculty wise)

Sr. No.	Publication	Indexing System
1	Validating CT Characteristics of the thymus in healthy Indian adult population	International, peer reviewed
2	Evaluation of temporal bone in Cholesteatoma patient by using High resolution computed tomography	International, Peer Reviewed
3	Role of MDCT in assessment of anatomical variants of nasal cavity and para nasal sinuses in patients of chronic sinusitis	International, Peer Reviewed

Photo Gallery

