

Radiodiagnosis

STAFF

Faculty

Name	Degrees	Post/Designation
Dr. Utpalendu Das	MBBS, MD, DMRD	Professor & Head
Dr. Sohini Sengupta	MBBS, MD	Associate Professor Now on detailment to Dr. B. C. Roy Children Hospital
Dr. Sukharanjan Howlader	MBBS, MD	Assistant Professor
Dr. Nihar Ranjan Sarkar	MBBS, MD	Assistant Professor
Dr. Sumit Chakrabarty	MBBS, MD	Assistant Professor
Dr. Archana Singh	MBBS, MD	Assistant Professor Now on deputation from Sagar Dutta Medical College
Dr. Samiran Samanta	MBBS, DMRD	RMO Cum Clinical Tutor
Dr. Sudipta Saha	MBBS, MD	RMO Cum Clinical Tutor
Dr. Susanta Singha MBBS	MBBS	RMO Cum Clinical Tutor
Dr. Dinendra Kumar Saha	MBBS, MD	Medical Officer

Postgraduate trainees

MD

3rd Year (2013-2016)	2nd Year (2014-2017)	1s Year (2015-2018)
Dr. Sumit Laskaria Dr. Subhadip Saha Dr. Paramita Hota Dr. Santanu Mondal Dr. Ruchira Das Dr. Akash Mukherjee Dr. Sumit Majumder (MO-TR) Dr. Md. Liyakat Ali Chaudhury (MO-TR)	Dr. Koushik Kr Nayek Dr. Manish Kumar Dr. Moon Kanjilal Dr. Shweta Kothari Dr. Sujata Bhowal Dr. Lovepreet Singh Dr. Mahuya Ghosh (MO-TR) Dr. Kousik Ghosh (MO-TR)	Dr. Amit Mondal Dr. Dinesh Jain Dr. Manisha Agarwal Dr. Puja Shah Dr. Ashish Dr. Chhabi Dr. Monalisha Hazra (MO-TR) Dr. Sushanta Sarkar (MO-TR)

DMRD

2nd Year (2014-2016)
Dr. Rathin Kumar Dr. Shailendra Kumar Dr. Ritesh Agarwal Dr. Prassanna R. Dr. Anju Kumari Dr. Rina Mondal (MO-TR)

FACULTY NEWS

Prof. Utpalendu Das (joined on 03.01.2015)

- Head of Radiodiagnosis Department IPGME&R and SSKM Hospital
- Attended IRIA state conference 2014.
- Teaching of MD & DMRD students.
- Thesis Guide of PG Students.

Dr. Sukharanjan Howlader

- Co-guide of Thesis Paper (2011-2014) of Radiology PG students.
- Attended IRIA State Conference 2012.
- Teaching of DRD & MD/DMRD students.
- Attended MRI Training Programme at SGPGI, Lucknow from 16th June to 30th June
- External DRD examiner in IPGME&R in 2010,2011,2012,2013,2014,2015

- Internal DRD examiner in IPGME&R in 2012
- Thesis co-guide:
 - Increase carotid intimal media thickness precedes albuminuria in Type 2 diabetes
 - Thickness of ligamentum flavum in person with low back pain and its distribution with age and sex.
- Publications:
 - Hemichorea hemiballism as the first presentation of type 2 diabetes
 - Outcome of induction of labor in relation to pre-induction bishop score. A prospective observational study in a tertiary care centre.

Dr. Nihar Ranjan Sarkar

- DRD Examiner (External) 2015 at RTIICS, KOLKATA.
- Co-guide of Thesis Paper (2013-2016) of Radiology & G & O PG students.
- Attended IRIA National Conference 2014 at AGRA,
- Teaching of DRD & MD/DMRD students.
- Publications:
 - Determination of age from the length of clavicle using digital x-ray in adolescent subjects: a preliminary study in adolescent Bengali --- Dr Nihar Ranjan Sarkar, Dr Partha Pratim Mukhopadhyay. Indian Journal of Forensic Medicine & Toxicology (January-2015).
 - Sex determination from Clavicular length and mid- shaft diameter using digital X-Ray in Indian Bengali population: A Preliminary study. Dr Nihar Ranjan Sarkar, Dr Partha Pratim Mukhopadhyay, Published in Indian Journal of Forensic Medicine & Toxicology (June-2015).
 - A comparative study of efficacy of ultrasound-guided intra-articular steroid injection through glenohumeral versus subacromial approach in the treatment of adhesive capsulitis Ghorai D1, Pramanik R2 , Palit AK3 , Haldar RN4 , Sarkar NR5, Das PP6, published in Indian journal of physical medicine and rehabilitation (September 2014).

Dr. Sumit Chakraborty

- Appointed as external examiner of DRD. student in VIMS. In August, 2013.
- Co-PI.in NBRC project on structural and functional brain mapping. Work in collaboration with National Brain Research Centre.
- Publications:
 - Hypoglossal nerve schwannoma –Accepted for case of the neck` category in American Journal of Neuroradiology. Dr. Sumit Chakraborty , Dr. Anoop & Dr. M. Karmakar.
 - Subclinical Atherosclerosis and Endothelial Dysfunction in Patients with Early Rheumatoid Arthritis as Evidenced by Measurement of Carotid Intima-Media Thickness and Flow-Mediated Vasodilatation: An Observational Study. Seminars in Arthritis and Rheumatism. Maitrayee Chatterjee Adhikari, MSc,* ,1 Aharna Guin, MSc,* ,1 Sumit Chakraborty, MBBS,† Pradyot Sinhamahapatra, MD,‡ and Alakendu Ghosh, DNB
 - Effects of disease modifying anti-rheumatic drugs on subclinical atherosclerosis and endothelial dysfunction which has been detected in early rheumatoid arthritis: 1-year follow-up study. Seminars in Arthritis and Rheumatism. doi:10.1016/j.semarthrit. 2012.12.027. Aharna Guin, Maitrayee Chatterjee Adhikari, Sumit Chakraborty, Pradyot Sinhamahapatra, Alakendu Ghosh.
 - Ultrasonography as a useful modality for documenting sacroiliitis in radiographically negative inflammatory back pain: a comparative evaluation with MRI. Rheumatology journal. doi:10.1093/rheumatology/keu220. Alakendu Ghosh, Sumantro Mondal, Debanjali Sinha, Arijit Nag, Sumit Chakraborty.
 - Cobb's collar occurring in two brothers in a family: A rare entity revisited. Indian Journal of Radiology and Imaging / February 2014 / Vol 24 / Issue 1. Partha Pal, Sayantan Ray, Arunansu Talukdar1, Nikhil Sonthalia1, Sumit Chakraborty.
 - Imaging of compound palmar ganglion with pathologic correlation. SAJR. doi:10.4102/sajr.v18i1.654. Authors: Sourav Talukder, Anindya Bandyopadhyay, Shamick Biswas, Sumit Chakraborty, Suchismita Chakraborti.
 - Hemichorea-Hemiballism as the first presentation of type 2 diabetes. Sayantan Ray, Sukharanjan Howlader, Sumit Chakraborty, Partha Pratim Chakraborty, Sujoy Ghosh. Clinical Diabetes. Vol33, No.2, Spring 2015, DOI: 10.2337/diaclin.33.2.87.
 - MRI characterization of temporal lobe epilepsy using rapidly measurable spatial indices with hemisphere asymmetries and gender features. Neuroradiology. Springer-Verlag Berlin Heidelberg 2015. Siddhartha Datta, Sudipta Sarkar, Sumit Chakraborty, Sai Krishna Mulpuru, Swadhapriya Basu, Basant K. Tiwary, Nilkanta Chakraborti, Prasun Kumar Roy.

- Cobb syndrome: A rare cause of paraplegia. Annals Case Reports. doi : 10.5214/ans.0972.7531.220312. Partha Pal, Sayantan Ray, Sumit Chakraborty, Subhasish Dey, Arunansu Talukdar.

Dr. Samiran Samanta

- Attended IRIA state conference 2012.
- Teaching of DRD & MD/DMRD students.

Dr. Dinendra Kumar Saha

- Internal DRD Examiner in IPGME&R & External VIMS & Saroj Gupta Cancer Institute.
- Teaching DRD Students & Post DRD Students of IPGME&R.
- Publications:
 - Sacralization of the 5th Lumbar Vertebra and Elongated Sacral Hiatus- Indian Journal of Basic and Applied Medical Research; June 2014:Vol-3,Issue-3,P.95-99.
 - Neurovascular variations in upper limb- Indian Journal of Basic and Applied Medical Research; September 2014:Vol-3,Issue-4,P. 222-226.
 - Variations in the Musculocutaneous and Median Nerves in a Cadaver- International journal of Anatomy, Radiology and Surgery; December 2014: Vol-3, Issue-4, Page4-6.

REGULAR ACADEMIC ACTIVITIES

- Clinical Meetings are held on every Friday & Saturday.
- Presentation of papers, journal clubs, and film reading sessions are held on every Wednesday.
- The Dept. is utilizing PGT students of this Institution to get them involved in Radiography, Dark-Room job, independent decision making for smooth running of the Department.
- Students of this Department are given opportunity of Exposures on CT scan and Angiography at Cardiology Department of this Institution.

Thesis work submitted

- 1) Role of Multiparametric MRI in clinically suspected prostate cancer patients prior to TRUS guided biopsy. Dr. Ruchira Das.
1. Study of MRI Breast with special reference to diagnostic accuracy and multifocality assessment of carcinoma breast.- Dr. Liyakat Ali Chowdhury.
2. HRCT scan evaluation of temporal bone cholesteatoma and it's correlation with per-operative findings. Dr. Sumit Majumder
3. The role of CT Scan in evaluation of osteomeatal complex anatomic variations in patients of chronic sinusitis. Dr. Subhadip Saha.
4. Role of Gray-Scale Ultra Sound and Color Doppler Velocity in characterizing Adnexal masses in perimenopausal women. Dr. Sumit Laskaria.
5. Comparative Study of ultrasonography, magnetic resonance imaging & findings of pelvic endometriosis with histopathological correlation. Dr. Akash Mukherjee.
6. A study to find out the role of MRI in differentiating idiopathic and Atypical Parkinson Syndrome. Dr. Paromita Hota.
7. A Study to find out the Correlation of stage of Alzheimer disease patients with.-- ith radiological markers by MRI Brain. Dr. Santanu Mondal.

Thesis work ongoing

Thesis topics 2014-2017 batch MD Radiodiagnosis PGTs

Shweta Kothari	Role of DWI and MR spectsroscopy in diagnosis and prognostication of breast cancer.
Koushik Kumar Nayak	Radiological evaluation and correlation of thickness and hydration status of cartilage in knee osteoarthritis.
Koushik Mondal	Ultrasonography of thyroid gland during pregnancy – Comparison among trimesters
Lovepreet Singh Randhawa	Comparison of transthoracic lung ultrasonography with HRCT in diagnosis of alveolo-interstitial syndrome of systemic scleroderma.

Mahuya Ghosh	Evaluation of sininasal mass by CT scan and its clinicopathological correlation.
Manish Kumar	Detection and characterisation of intracranial aneurysm 3T MR angiogram vs DSA with 3D reconstruction.
Moon Kanjilal	Evaluation of ankle sprain by USG and MRI.
Sujata Bhowal	Conventional and MR arthrographic correlation of labroligamentous complex and rotator cuff pathologies in recurrent anterior dislocation of shoulder.

Departmental publications (PGTs)

A rare case of cholecystocutaneous fistula.	Liyakat Ali Chowdhury, Sudipta Saha, Ruchira Das, Madan Karmakar, Samiran Samanta, Surajit Das	PJR July - September 2015; 25(3): 121-123
Radiological assessment of a live abdominal pregnancy using ultrasound and 3T MRI.	Manish Kumar, Sudipta Saha, Surajit Das, Samiran Samanta	PJR July - September 2015; 25(3): 127-130
Joubert syndrome: a rare autosomal recessive disorder.	Sujata Bhowal, Sudipta Saha, Surajit Das, Samiran Samanta	PJR July - September 2015; 25(3): 114-116
Mri findings of meningioma in various locations: a pictorial review.	Koushik Kumar Nayak, Sudipta Saha, Avik Sarkar, Samiran Samanta, Surajit Das	PJR July - September 2015; 25(3): 106-111
Role of MR enterography in evaluation of undiagnosed melena	Paramita Hota, Sudipta Saha, Surajit Das, Samiran Samanta	PJR April - June 2015; 25(2): 80-83
Mr evaluation of neurovascular conflict	Sudipta Saha, Sumit Chakraborty, Surajit Das, Avik Sarkar, Akash Mukherjee	PJR October- December 2014; 24(4):147-150
Magnetic resonance imaging (3 tesla) of knee joint: a concise, day to day practice overview	Santanu Mandal, Sudipta Saha, Samiran Samanta, Surajit Das	PJR April - June 2014; 24(2): 56-61
MRI findings in a case of priapism	Moon Kanjilal, Sudipta Saha, Surajit Das, Samiran Samanta	PJR July - September 2015; 25(3): 124-126
Rice bodies in MR imaging of tubercular tenosynovitis of wrist joint: a rare manifestation	Manish Kumar, Sudipta Saha, Surajit Das, Samiran Samanta	PJR October - December 2015; 25(4): 179-181
Magnetic resonance imaging (3 tesla) of fetal sacrococcygeal teratoma; a case report.	Santanu Mandal, Sudipta Saha, Samiran Samanta, Surajit Das	PJR October - December 2015; 25(4): 172-174
Symptomatic sarcoid myopathy in a case of pulmonary sarcoidosis.	Sujata Bhowal, Sudipta Saha, Surajit Das, Samiran Samanta	PJR January - March 2015; 25(1): 40-42
Macrocystic variant of serous cystadenoma pancreas in a case of dorsal bud agenesis of pancreas-a rare case report.	Subhadip Saha, Sudipta Saha, Avik Sarkar, Archana Singh	PJR April - June 2015; 25(2): 73-75
Primary synovial chondromatosis of ankle joint: a case report.	Ruchira Das, Sudipta Saha, Samiran Samanta, Nilanjan Panda	PJR October - December 2015; 25(4): 164-167
Tubercinereum hamartoma.	Moon Kanjilal, Sudipta Saha, Surajit Das, Samiran Samanta, Sumit Chakraborty	PJR October- December 2014; 24(4): 140-142

SERVICE INFORMATION**Digital X ray**

Total No of X-Ray (Exposure)	Total No of Patients upto	Paying cases	Free Cases	Revenue collected (Approx)
26850	14084	14050	34	31,39,440 (upto 21-9-15)

IVU	Barium meal	Ba-swallow	Ba-enema	Distal Cologram	Fistulogram sinogram	MCU / ASU	T-Tube
892	864	576	288	567	150	610	178

Conventional X-ray

Total No of X-Ray done	Total No of Patients	No of free cases	No of paying cases	No of Portable X-Ray done	Total Revenue collected (Approx)
86232	43912	32152	11760	2505	5,09,765 (up to 21-9-15)

Special investigations

IVU	Barium swallow / meal / follow through / Enema	MCU / ASU / Retro grade	Sinogram / Fistulogram / Sialogram	Small bowel enema	HSG / Genitogram	Mammogram	T-tube cholangiogram
576	288	120	90	0	720	74	12

MRI (3 Tesla)

Total cases	No free cases	Paying cases	Total study	Total amount (Rs)
6558	2004	4554	8406	84,62,000 (up to 21/09/15)

Ultrasonography:

Total number of cases	Free cases	Paying cases	Revenue collected (Approx)
45494	24844	20650	38,11,510 (up to 21/09/15)

Mammography

Total No of cases	Total Free Cases	Paying cases	Total Exposure	Revenue collected (Approx)
74	46	28	245	11,200 (up to 21/09/15)

Dental X-ray

Total No of cases	Total Free Cases	Paying cases	Total Exposure	Revenue collected (Approx)
1012	576	436	1650	13,080 (up to 21/09/15)
