



Government of West Bengal
Institute of Postgraduate Medical Education & Research
Centre of Excellence in Medical Education & Research

Radiotherapy

FACULTY

Prof (Dr.) Alope Ghosh Dastidar	MD (RT), DMRT, FUICC (USA & Austria)	Professor & Head
Prof (Dr.) Debabrata Mitra	MD (RT), DGO	Professor
Prof (Dr.) Diptimoy Das	MD (RT), DNB, DCH	Professor
Dr. Koushik Chatterjee	MD (RT)	Associate Professor (on Detailment)
Dr. Mousumi Das		Assistant Professor
Dr. Chandrima Banerjee		Assistant Professor
Dr. Sumana Maiti	DCH, MD (RT)	Assistant Professor
Dr. Suparna Kanti Pal	DMRT, MD (RT)	Assistant Professor
Dr. Santu Mondal	MD (RT)	Assistant Professor
Dr. Harris Mahammad Sepai	MD (RT), DNB	Assistant Professor
Dr. Pratyusha Mukherjee	MD (RT)	RMO cum Clinical Tutor
Dr. Biswadeep Chandra	MD (RT)	RMO cum Clinical Tutor

Medical Officer

Name	Qualifications	Designation
Dr Chandan Banerjee	DGO, DMRT	M.O

Senior Resident

Dr. Pranab Debsingha	MD (RT)	SR
Dr. Subhayan Saha	MD (RT)	SR
Dr. Lopamudra Mondal	MD (RT)	SR
Dr. Arpita Sarkar	MD (RT)	SR
Dr. Behjet Mirza	MD (RT)	SR
Dr. Sabyasachi Sarkar	MD (RT)	SR
Dr. Udit Basak	MD (RT)	SR
Dr. Arnab Sinha	MD (RT)	SR
Dr. Rajdeep Roy	MD (RT)	SR

Physicist cum RSO

Dr. Somapriya Basu Roy	PhD (Sc), Dip in Radiological Physics	Physicist-cum-RSO
Ms. Ipsita Sinha	M. Sc (Physics), Dip in Radiological Physics	Physicist-cum-RSO

Postgraduate Trainees

2nd year	3rd year
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Dr. Arpan Adhikary Dr. Sayan Roy Dr. Madhurima Mukherjee Dr. Tamal Chakraborty Dr. Shantanu Sinha Roy Dr. Arnab Datta Dr. Chippy Sreekumar Dr. Jagannath Saha Dr. Md Mustakim Rahaman Dr. Angshuman Roy	Dr. Soirindhri Banerjee Dr. Debankan Ojha Dr. Sayani Poddar Dr. Souvik Kundu Dr. Mounisha Vattiprolu Dr. Ipsita Palui Dr. Ashmita Ghosh Dr. Md. Mahboob Hossain Dr. Sandip Kumar Karmakar Dr. Dipankar Dolai
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Postings and superannuations

- Prof (Dr) N.B. Patra joined as Professor, Radiotherapy department
- Dr. Amitabha Manna joined as Associate Professor, Department of Radiotherapy
- Prof. Debabrata Mitra Superannuated on 31st October 2022
- Dr. Sumana Maiti transferred to R.G. Kar Medical College as Associate Professor on October 2022

FACULTY NEWS

Prof. Alope Ghosh Dastidar

- Thesis guide for MD (Radiotherapy) students.
- Convener and Internal Examiner for MD (Radiotherapy) Examination 2022 under WBUHS
- External Examiner of Post Graduate Degree examination of PGI Chandigarh and Acharya Harihar Post Graduate Institute of Cancer, Cuttack
- Adjudicator of Postgraduate (MD/MS) Thesis (Allopathic Medicine) of AIIMS, Bhubaneswar and Srimanta Sankaradeva University of Health Sciences, Assam
- Faculty & Chairperson of Scientific session at AROI annual conference
- Chairman, Scientific committee of prostate cancer summit by AROI
- Chairman of High power committee, Cancer hub
- Chairperson of scientific session of AROI West Bengal, Chapter
- Passes BCBR certificate Exam from ICMR/NIE
- Awarded "Good Clinical Practice(GCP),new drugs & clinical trial rules 2019 GSR 227() (clinical trial perspective)" on 15 th March 2022
- Principal Investigator of 'Hospital Based Cancer Registry' Project

Prof. Debabrata Mitra

- Thesis guide for MD(Radiotherapy) students
- Examiner of MD(Radiotherapy) Examination conducted under WBUHS

Prof. Diptimoy Das

- Thesis guide for MD(Radiotherapy) students
- Internal examiner of MD (Radiotherapy) Examination conducted under WBUHS
- Chairperson in session of ARTTI state conference
- Chairperson in session of AROI state conference
- A study proposal of a project on cervical cancer has been recommended for support in a multidisciplinary research unit, funded by Department of Health Research, Government of India

Dr. Koushik Chatterjee

- Thesis guide for MD (Radiotherapy) students.
- Attended as faculty in National and state conference of AROI
- Attended as faculty in ICON conference
- Attended as faculty in GASTROCON conference

Dr. Sumana Maiti

- Co-guide for thesis of MD(Radiotherapy) students
- Co- investigator of 'Hospital Based Cancer Registry' Project

Dr. Suparno Kanti Pal

- Attended as faculty in National Conference, AROI
- Attended as faculty in CME, West AROI chapter
- Attended as faculty in state conference AROI chapter
- Attended ESTRO AROI workshop on Gynaecologic Brachytherapy
- External examiner of DRT Tech under WBSMF

Dr. Santu Mondal

- Co- investigator of 'Hospital Based Cancer Registry' Project
- Internal examiner of DRT Tech students.
- Attended as faculty in state conference AROI chapter

Dr Harris Mahammad Sepai

- Co- investigator of 'Hospital Based Cancer Registry' Project
- Internal examiner of DRT Tech students

Dr Pratyusha Mukherjee

- Trained at TMH, Mumbai on Medical Oncology from 2nd May 2022 to 17th October 2022
- Conducted classes of MD(Radiotherapy) students and DRT Tech students

Dr. Biswadeep Chandra

- Conducted classes of MD(Radiotherapy) students and DRT Tech students

Dr. Chandan Banerjee

- Conducted classes of MD(Radiotherapy) students and DRT Tech students

Publications from the Department

Title	Authors	Journal
Role of systemic inflammation marker (Bio-markers) as important prognostic factors for survival in Head & Neck cancer	Aloke Ghosh Dastidar	BIOMEDICINE:20-21; 41(4): Oct-Dec' 20-21: 837-844
Cancer care during the pandemic period: A hospital-based Survey for future reference	Aloke Ghosh Dastidar, Rajdeep Roy, Souvik Paul, Lopamudra Mondal	Annals of Medical science & Research: Vol I. Issue 2 . May-August 2022;65-68
Randomized study assessing the cardiopulmonary toxicities from post-operative conventional versus hypofractionated radiotherapy in locally advanced left breast carcinoma	Subhayan Saha, Koushik Chatterjee, Pratyusha Mukherjee, Santu Mondal, Santanu Pal, Debabrata Mitra	Cancer Research, Statistics, & Treatment 2022;4:408-16 Published in Sept 2022
Determining the occurrence of hypothyroidism following treatment with radiotherapy in head and neck cancer patients and the associated role of risk factors and Dose-Volume Histogram: A prospective study	Suparno Kanti Pal, S Das, R Isiah, S John	Cureus 14(11) Published in Nov 2022
Clinical profile of hepatoblastoma: Experience from a tertiary care centre in a Resource – Limited setting	Suparno Kanti Pal, A Dhali, T Mandal, S Das	Cureus 14(7) Published in July 2022
Male Breast Cancer – A single institutional clinicopathological profiling (Abstract)	Soirindhri Banerjee	Journal of Cancer Research & Therapeutics,

		November 2022, vol 18, issue 8 (Supplement)
<ul style="list-style-type: none"> Demography and Survival Data of NET in a Tertiary Care Institute in Eastern India (Abstract) Primary Angiosarcoma of Breast – A Case Report (Abstract) 	Debankan Ojha	Journal of Cancer Research & Therapeutics, November 2022, vol 18, issue 8 (Supplement)

Conference presentations from the Department

Conference	Presentation	Speaker	Designation
AROI National Conference 2022, New Delhi	Comparison of cosmetic effects of whole breast radiation followed by photon boost by telecobalt machine versus electron boost by linear accelerator machine in breast carcinoma patients undergoing breast conservative surgery	Dr Lopamudra Mondal	Senior Resident
AROI state conference West Bengal 2022, Kolkata	Comparison of cosmetic effects & dosimetry of whole breast radiation followed by photon boost by telecobalt machine versus electron boost by linear accelerator machine in breast carcinoma patients undergoing breast conservative surgery	Dr Lopamudra Mondal	Senior Resident
AROI state conference West Bengal 2022, Kolkata	Monitoring of nutritional status in head and neck cancer patients- A prospective single institutional study	Dr. Rajdeep Roy	Post Graduate Trainee
AROI West Bengal State Conference 2022, Kolkata	Paediatric Renal Cell Carcinoma - Clear Cell Variant : Case Report	Dr. Soirindhri Banerjee	Post Graduate Trainee
AROI National Conference 2022, New Delhi	Male Breast Cancer – A single institutional clinicopathological profiling: Original Research	Dr. Soirindhri Banerjee	Post Graduate Trainee
AROI West Bengal State Conference 2022, Kolkata	A prospective comparative study of post mastectomy adjuvant radiotherapy by standard fractionation, hypofractionation and ultra-hypofractionation schedule in carcinoma breast patients	Dr. Sandip Kumar Karmakar	Post Graduate Trainee
AROI National Conference 2022, New Delhi	<ol style="list-style-type: none"> Demography and Survival Data of NET in a Tertiary Care Institute in Eastern India. Primary Angiosarcoma of Breast – A Case Report 	Dr. Debankan Ojha	Post Graduate Trainee

Junior Resident News

Dr. Soirindhri Banerjee

- Completed Association of Radiation Oncologists of India, WB **Fight Cancer Fellowship** at Rajiv Gandhi Cancer Institute and Research Centre, New Delhi in November 2022.

- Secured 1st position jointly with **Dr. Debankan Ojha, JR** from East Zonal region in zonal round Quiz at AROICON 2022, New Delhi.

Academic Information

The Radiotherapy as a teaching department has regular classes, Journal clubs, seminars and panel discussion as per pre-notified schedule for the MD Radiotherapy students ,BSc Nursing students and DRT Tech students

SERVICE INFORMATION

Radiotherapy OPD runs 6 days a week.

Telecobalt therapy is given from Monday to Saturday.

Brachytherapy procedures are performed from Monday to Friday every week.

Day care chemotherapy is administered from Monday to Saturday at Day care unit, Kolkata Police Hospital started from 4th April 2022

Systemic chemotherapy is given to indoor patients on regular basis.

The department is conducting Multi-Disciplinary Tumor board on every Friday.

Statistics from 1st January 2022 to 30th November 2022

Total no. of New patients in OPD – 4886(11 months)

Total no. of patients(new & old) in OPD – 44618(11 months)

Total no. of beds in Radiotherapy Department - 62 General bed , 4 Cabins

Total no. patients admitted – 5464(11 months)

Total no. of patients treated with EBRT Curative– 672 (11 months) | Palliative– 104 (11 months)

Total no. of Brachytherapy procedures performed –608 (11 months)

Total no. of patients treated with Brachytherapy- 219 (11 months)

Total no. of patients received Chemotherapy at indoor ward - 5009 (11 months)

Total no. of Chemotherapy received as day care basis –10893 (11 months)

Total no. of patients undergone Tumor Board – 450(11 months)

Total NEW patients breakup From Jan to Nov 2022

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| 1. Head and neck cancers: 839 | 16. Skin cancers and melanoma: 50 |
| 2. Carcinoma Thyroid: 38 | 17. Brain tumors: 163 |
| 3. Carcinoma Lung: 660 | 18. Lymphoma: 115 |
| 4. Carcinoma breast: 622 | 19. Other pediatric malignancies: 14 |
| 5. Cervical cancer: 422 | 20. Carcinoma Urinary Bladder: 146 |
| 6. Ca endometrium and uterus: 83 | 21. Prostate Carcinoma: 86 |
| 7. Carcinoma esophagus and stomach: 335 | 22. Wilms tumor: 7 |
| 8. Kidney cancers: 62 | 23. Bone metastasis and unknown primary: 105 |
| 9. Colorectal Cancer: 290 | 24. Carcinoma penis: 25 |
| 10. Soft tissue sarcoma: 68 | 25. Multiple Myeloma/ Plasmacytoma: 10 |
| 11. Other bone sarcoma: 25 | 26. Testicular Carcinoma: 21 |
| 12. Osteosarcoma: 32 | 27. Carcinoma vulva and vagina: 21 |
| 13. Ewings sarcoma: 22 | 28. Carcinoma anal canal: 6 |
| 14. Pancreas and hepatobiliary Cancers: 408 | 29. Miscellaneous: 18 |
| 15. Carcinoma ovary: 158 | |

Total: 4886

Patients treated with EBRT from Jan to Nov 2022

SN	Month	Palliative	Curative
1	January	10	68
2	February	7	53
3	March	8	58

4	April	6	64
5	May	8	92
6	June	6	79
7	July	8	73
8	August	7	73
9	September	10	31
10	October	8	39
11	November	26	42
TOTAL		104	672
