Government of West Bengal

Institute of Post Graduate Medical Education & Research

244 Acharya J. C. Bose Road, Kolkata – 700020

Annual Report for the Year 2025

Released on 70th Foundation Day – Jan 16, 2026

Government of West Bengal
Office of the Director
Institute of Post Graduate Medical Education & Research, Kolkata
Centre of Excellence

Director's Message

Distinguished dignitaries, colleagues, students, ladies and gentlemen.

The institute which started its journey in the year 1707 – gradually took the form of a post graduate medical institute on 16th January, 1957 and always transversed the path of growth – progress – enrichment.

As time goes by – with expansion of infrastructures – with addition of modern facilities – with inclusion of additional six annex hospitals – with enhancement of student capacity in different courses – the institute has become one of the most renowned medical institutes in the country.

The institute has honored the mammoth heritage of Sir Ronald Ross by carrying forward research activities and has started publishing an indexed journal of its own.

Students of the institute have inherited the spirit of the institute and accomplished execution of different cultural & sports activities seamlessly and has set an example to others that when they prioritize care for the institute how the environment differs.

But, the institute has to forge ahead and newer avenues e.g. artificial intelligence etc. has to be incorporated so that even after 10 years the institute remains foremost.

With expansion on all aspects – the numbers of family members have also gone up in each category. My deepest regard to each of the family members – contribution of whom make the institute a center of excellence.

Inclusion of the institute in the BRICS network university is one of the greatest recognitions for all of us.

I wish, in the coming year – the positive works continue and we excel more in every aspect of the health care – academic & research activities.

Always be proud to be a member of the IPGME&R family.

Prof. Manimoy Bandyopadhyay
Director, IPGME&R, Kolkata – Centre of Excellence
Date: 30.12.2025

CONTENTS

Medal and Certificate awards 1
Administration and allied information 3
Institutional Ethics Committees 5
Anatomy 7
Anesthesiology 13
Bangur Institute of Neurosciences – Neuroanesthesiology 20
Bangur Institute of Neurosciences – Neuromedicine 22
Bangur Institute of Neurosciences – Neurosurgery 35
Biochemistry 41
Community Medicine 45
Critical Care Medicine 57
Dentistry 60
Dermatology 62
Emergency Medicine 64
Endocrinology 66
Forensic Medicine and Toxicology 74
Infectious Diseases 76
Institute of Cardiovascular Sciences – Cardiac Anesthesiology 78
Institute of Cardiovascular Sciences – Cardiology 84
Institute of Cardiovascular Sciences – Cardiovascular & Thoracic Surgery 89
Medicine 94
Microbiology 100
Neonatology 120
Nephrology 125
Obstetrics & Gynecology 129
Ophthalmology 140
Otorhinolaryngology and Head & Neck Surgery 144
Orthopedics 161
Pathology & Oncopathology 166
Pediatric Medicine 170
Pediatric Surgery 180
Pharmacology 182
Physical Medicine & Rehabilitation 192
Physiology 198
Plastic and Reconstructive Surgery 201
Psychiatry (Institute of Psychiatry various departments) 206
Radiodiagnosis 235
Radiotherapy (radiation Oncology 243
Respiratory Medicine and Pulmonary Medicine 248
Rheumatology and Clinical Immunology 254
School of Digestive & Liver Diseases (Gastroenterology, Hepatology, GI surgery) 258
Surgery 266
Surgical Oncology 278
Urology 280
Central Library 284
Multidisciplinary Research Unit (MRU) 285
Blood Center 287
Nursing Section (including Nursing College & Nursing Training School) 288
Medical postgraduate seat distribution 294

R. G. Kar Medical College Appeal Fund (UK) Medal Awards

for highest marks in individual subjects of MBBS University Examinations from IPGME&R in 2025

Examination	Subject	Students
1st Professional MBBS	Anatomy	**Ms. Anwesha Ghoshal**
	Physiology	**Mr. Sayan Pradhan**
	Biochemistry	**Mr. Priyam Bhattacharjee**
2nd Professional MBBS	Pathology	**Mr. Avik Das**
	Microbiology	**Mr. Subhadip Maji**
	Pharmacology	**Mr. Shrav Banerjee**
3rd Professional MBBS Part I	Community Medicine	**Mr. Shyam Kamal Ghosh**
	Forensic Medicine & Toxicology	**Ms. Samabrita Bhattacharjee**
	Ophthalmology (Eye)	Not applicable
	Otorhinoaryngology (ENT)	Not applicable
3rd Professional MBBS Part II	General Medicine	**Mr. Mohammad Orooj Azmi**
	General Surgery	**Mr. Saptarshi Chaudhuri**
	Obstetrics & Gynecology	**Ms. Dishika Manna**
	Pediatrics	**Mr. Mohammad Orooj Azmi** **Ms. Dishika Manna** **Mr. Soumya Kanti Ghosh**

Medal awards

1.	Sir Ronald Ross Oration 2026	**Prof. Kameshwar Prasad**
2.	Dr. Arun Banerjee Memorial Oration 2026	**Prof. Sumantra Chattarji**
3.	Medal for Proficiency in Annual Examination – MD (General Medicine) Session 2022-2025	**Dr. Ranjan Paul**
4.	Medal for Proficiency in Annual Examination – MS (General Surgery) Session 2022-2025	**Dr. Gourab Roy**
5.	Medal for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2022-2025	**Dr. Monica Shah**
6.	Medal for Proficiency in Thesis Work – MD (General Medicine) Session 2022-2025	**Dr. Sayan Mondal**
7.	Medal for Proficiency in Thesis Work – MS (General Surgery) Session 2022-2025	**Dr. Pamela Sanyal**
8.	Medal for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2022-2025	**Dr. Ria Das**
9.	Prof. Amal Kumar Bose Memorial Award for obtaining highest marks in MD (Anesthesiology) 2024 from IPGME&R	**Dr. Shafaque Mariam**
10.	Prof. Amal Kumar Bose Memorial Award for obtaining highest marks in MD (Anesthesiology) 2025 from IPGME&R	**Dr. Tathagata Dewasi**
11.	Dr. Prabir Sengupta Memorial Award for excellence in MD (Radiodiagnosis) 2025 from IPGME&R	**Dr. Manideepa Maiti**
12.	Madhusudan Saha Memorial Award for obtaining highest marks in MS (General Surgery) 2024 from IPGME&R	**Dr. Amartya Sengupta**
13.	Madhusudan Saha Memorial Award for obtaining highest marks in MS (General Surgery) 2025 from IPGME&R	Pending
14.	Niharbala Ghosh Memorial Award for obtaining highest marks in MS (Obstetrics & Gynecology) 2024 from IPGME&R	**Dr. Nimisha Mishra**
15.	Niharbala Ghosh Memorial Award for obtaining highest marks in MS (Obstetrics & Gynecology) 2025 from IPGME&R	**Dr. Monica Shah**
16.	Dr. Purnima Mukherjee & Smt. Kalyani Dutta Gupta Award for best thesis in Anesthesiology in 2025 among students of IPGME&R	**Dr. Sukanta Bhowmik**
17.	Dr. K. P. Sengupta Memorial Award for highest marks in MD Pathology university examination in 2024 among students of IPGME&R.	**Dr. Rajarshi Debnath**
18.	Dr. K. P. Sengupta Memorial Award for highest marks in MD Pathology university examination in 2025 among students of IPGME&R.	**Dr. Atreyee Sarkar**
19.	Pushpa Rani Saha Memorial Award for highest marks in General Surgery in Final MBBS Examination 2025 from lady students of IPGME&R	**Ms. Alfia**
20.	Medal for proficiency in 3rd year General Nursing & Midwifery 2025	**Ms. Bhaswati Roy**
21.	Medal for proficiency in 2nd year General Nursing & Midwifery 2025	**Ms. Srijita Dutta**
22.	Medal for proficiency in 1st year General Nursing & Midwifery 2025	**Ms. Rayma Ghosh** **Ms. Prerona Ghosh**
23.	Medal for proficiency in Final BPT examination 2025	**Mr. Dwaipayan Manji**

Certificate awards

1.	Certificate for Senior Prosectorship in Anatomy 2025	**Anirban Manna**
2.	Certificate for Junior Prosectorship in Anatomy 2025	**Soumili Das**
3.	Certificate for Senior Class Assistantship in Physiology 2025	**Sourjya Hazra**
4.	Certificate for Junior Class Assistantship in Physiology 2025	**Eshani Ghosh**
5.	Certificate for Senior Class Assistantship in Biochemistry 2025	**Anirban Manna**
6.	Certificate for Junior Class Assistantship in Biochemistry 2025	**Eshani Ghosh**
7.	Certificate for Class Assistantship in Pathology 2025	**Aditri Agarwal**
8.	Certificate for Class Assistantship in Microbiology 2025	**Sayan Pradhan**
9.	Certificate for Class Assistantship in Pharmacology 2025	**Debesh Bhattacharjee**
10.	Certificate for Senior Class Assistantship in Community Medicine 2025	**Subhadip Maji**
11.	Certificate for Junior Class Assistantship in Community Medicine 2025	**Shubhashish Paul**
12.	Certificate for Senior Class Assistantship in Medicine 2025	Pending
13.	Certificate for Junior Class Assistantship in Medicine 2025	Pending
14.	Certificate for Senior Class Assistantship in Surgery 2025	Pending
15.	Certificate for Junior Class Assistantship in Surgery 2025	Pending
16.	Certificate for Senior Class Assistantship in ObGy 2025	Pending
17.	Certificate for Junior Class Assistantship in ObGy 2025	Pending
18.	Certificate for Senior Class Assistantship in Pediatrics 2025	**Pratyush Karan**
19.	Certificate for Junior Class Assistantship in Pediatrics 2025	**Santu Rout**
20.	Certificate of Merit: Highest marks in 1st MBBS: IPGME&R 2025	**Sayan Pradhan**
21.	Certificate of Merit: Highest marks in 2nd MBBS: IPGME&R 2025	**Subhadip Maji**
22.	Certificate of Merit: Highest marks in 3rd MBBS Part I: IPGME&R 2025	**Ayan Rit**
23.	Certificate of Merit: Highest marks in 3rd MBBS Part II: IPGME&R 2025	**Amisha Raj**
24.	First Certificate of Merit: Annual Examination: Medicine 2022-2025	**Dr. Sabyasachi Chowdhury**
25.	First Certificate of Merit: Annual Examination: Surgery 2022-2025	**Dr. Sourav Mahapatra**
26.	First Certificate of Merit: Annual Examination: ObGy 2022-2025	**Dr. Ria Das**
27.	Second Certificate of Merit: Annual Examination: Medicine 2022-2025	**Dr. Anirban Datta**
28.	Second Certificate of Merit: Annual Examination: Surgery 2022-2025	**Dr. Srinjay Maji**
29.	Second Certificate of Merit: Annual Examination: ObGy 2022-2025	**Dr. Pema Lhanzey Bhutia**
30.	First Certificate of Merit: Thesis Work Proficiency: Medicine 2022-2025	**Dr. Tirthankar Paul**
31.	First Certificate of Merit: Thesis Work Proficiency: Surgery 2022-2025	**Drs. Gourab Roy, Mahidul Afridi, Lopamudra Bose, Mohd Rafae Umar, Srinjay Maji**
32.	First Certificate of Merit: Thesis Work Proficiency: ObGy 2022-2025	**Dr. Trisha Mondal**
33.	Second Certificate of Merit: Thesis Work Proficiency: Medicine 2022-2025	**Dr. Vaibhav Agarwal**
34.	Second Certificate of Merit: Thesis Work Proficiency: Surgery 2022-2025	**Drs. Arnab Chowdhury, Aritra Roy, Bidesh Chatterjee, Sayan Prakash Moral, Riju Mandal, Chinmoy Biswas**
35.	Second Certificate of Merit: Thesis Work Proficiency: ObGy 2022-2025	**Dr. Mayukh Saha**

The College Council, the Governing Body and the Rogi Kalyan Samity

The **College Council** is the supreme authority in administrative matters. It functions to advise the Director in academic, disciplinary and administrative issues of the institute; assist the Director in liaison with the higher authorities and to coordinate the functioning of the various departments. It comprises of:

Role	Name & designation
Chairperson	Director
Convener	College Secretary
Members	Medical Superintendent cum Vice-Principal Dean of Student Affairs Heads of all departments

The council generally meets once in 2 months. Administrative or inter-departmental matters may be brought to the council's attention through its Chairperson or Convener by any staff of the institute.

In addition to the College Council, IPGME&R-SSKM Hospital also has a **Governing Body** to advise and assist the college authority in administrative and policy matters. The **Rogi Kalyan Samity** (RKS) advises the authority in utilization of funds for specific patient-related initiatives. The current composition of these two bodies are as follows:

Director IPGME&R-SSKM Hospital	Executive Chairperson
MSVP of the IPGME&R-SSKM Hospital	Member-Secretary
Accounts Officer IPGMER-SSKM Hospital	Joint Secretary
Addl. / Dy. Superintendents IPGMER-SSKM Hospital	Member
The nominee of DHS in the executive committee of Swasthya Samiti	Member
The nominee of DME in the executive committee of Swasthya Samiti	Member
One medical professional nominated by the State Government	Member
Two Faculty of IPGME&R-SSKM Hospital – nominated by the Director	Members
Two MOs of IPGME&R-SSKM Hospital – nominated by the MSVP	Members
Secretary of IPGME&R-SSKM Hospital	Member
Nursing Superintendent of IPGME&R-SSKM Hospital	Member
Local MLA	Member
Local Councilor	Member
Local Councilor of Sambhunath Pandit Hospital area	Member
A local representative of the IMA (nominated by the State Branch)	Member
A representative of Commissioner of Police	Member
Assistant Engineer (PWD Civil / Electrical) of IPGME&R-SSKM Hospital	Member
Deputy Superintendent of Sambhunath Pandit Hospital	Member
Deputy Superintendent of Bangur Institute of Neuroscience	Member
Deputy Superintendent of Ramrikdas Haralalka Hospital	Member

IPGME&R and SSKM Hospital Administration

Administrative Officers

Prof. Manimay Bandyopadhyay	Director
Prof. Pijush Kumar Roy	Medical Superintendent cum Vice-Principal (MSVP)
Prof. Avijit Hazra	Dean of Student Affairs

Mr. Sanjib De	Accounts Officer, IPGME&R	Mr. Debashis Chowdhury	OSD & EO, Financial Advisor
Mr. Abhijit Adak	Accounts Officer, SSKM	Mr. Indrajit Purkait	PS to Director
Mr. Subhasish Majumdar	Accounts Officer, BIN	Mrs. Madhuri Mandal	PA to MSVP
Dr. Amit Majumdar	Addl. Med. Supdt I, SSKM	Mrs. Payel Dutta	Asst. Superintendent, SSKM
Dr. Subrata De	Addl. Med. Supdt II, SSKM	Mrs. Chandrabali Bose	Asst. Superintendent, SSKM
Dr. Partha De	Police Surgeon, KPH and Addl. Med. Supdt, KMH	Mrs. Anamika Chakraborty	Asst. Superintendent, SSKM
Dr. Biswajit Mondal	Addl. Med. Supdt, BIN	Mr. Atal Saha	Asst. Superintendent, SSKM
Dr. Sarmistha Mitra	Superintendent (PG Polyclinic)	Mrs. Subhajit Roy	Asst. Superintendent, SSKM
Mr. Anindya Banerjee	Deputy Supt. (NM), SSKM	Mr. Saiaf Ali Mollick	Asst. Superintendent, SSKM
Mr. Syed Ziaul Mustafa Alquadri	Deputy Supt. (NM), SSKM	Mr. Satadeep Banerjee	Asst. Superintendent, SSKM
Mr. Rabiul Hasnat	Deputy Supt. (NM), SSKM	Mrs. Barna Saha	Asst. Superintendent, KPH
Mrs. Susmita Bhowmik	Deputy Supt. (NM), BIN	Mr. Bappaditya Chowdhury	Asst. Superintendent, SNP
Mr. Bijoy Bhowmick	Deputy Supt. (NM), SNP	Mrs. Supriti Baidya Gupta	Asst. Superintendent, SNP

Administrative Office Staff in Office of the Director

Sri Palash Pramanik, Head Clerk	Smt Anindita Mondal, LDC	Sri Tapas De, GDA
Sri Samir Kumar Das, Head Clerk	Sri Ullas Mondal, LDC	Sri Sujay Banerjee, GDA
Sri Pijush Kanti Mondal, UDC	Sri Pritam Das, LDC	Sri Mithun Roy, GDA (Store)
Sri Amit Kumar Das, UDC	Sri Apurba Saha, GDA	Sri Anjan Kumar Saha, GDA
Sri Soumen Saha, UDC	Sri Santu Hazra, GDA	Sri Akash Sarkar, GDA
Smt Swagata Adhikary, UDC	Sri Sk. Hasimuddin, GDA	Sri Manoj Ram, GDA
Sri Biswajit Roy, UDC	Sri Dipak Roy, GDA	Sri Subhasish Chowdhury, GDA
Smt Ruma Acharjee, LDC	Sri Biswajit Sarkar, GDA	Smt Mona Devi, Karmabandhu
Sri Nilay Biswas, LDC	Sri Biswajit Debnath, GDA	Sri Prakash Mallick, Karmabandhu
Sri Prakash Das, LDC	Sri Kanchan Das, GDA	Sri Swapan Banerjee, Support Staff (from ERS)
Sri Rupam Sikder, LDC	Sri Santanu Das, GDA	Sri Prasenjit Das, Support Staff (from ERS)
Sri Arindam Mandal, LDC	Sri Mihir Mondal, GDA	Sri Biswanath Das, Security Staff (from ERS)
	Sri Goutam Ram, GDA	

Administrative Office Staff in Student Section (Office of the Dean)

Sri Hariprasad Bhattacharya, Head Clerk (Contractual)
Smt Puja Mazumdar Seal, UDC
Smt Madhubanti Moulik, UDC
Smt Bithika Das, UDC
Sri Gourav Das, LDC
Sri Himadri Mondal, LDC
Sri Sanjoy Das, GDA
Sri Bijoy Kumar Das, GDA
Sri Md. Arif, Support Staff (from ERS)
Sri Soubhik Chakraborty, Support Staff (from ERS)
Sri Baijnath Ram, Karmabandhu
Sri Guddu Lal, Karmabandhu

Staff in Pharmacy Section (Pharmacist and Store In-charge)

Sri Sudeb Chandra Kabiraj, Pharmacist -In-Charge	Sri Tusar Kanti Chakrabarti, Pharmacist & SIC (Linen, SSKM)
Sri Anirban Das, Pharmacist & SIC (IPGME&R)	Sri Bilas Kr. Mandal, Pharmacist & SIC (Emergency, SSKM)
Sri Manisankar Das, Pharmacist & SIC (Medicine, SSKM)	Sri Kalyanmoy Goswami, Pharmacist & SIC (Pathology, SSKM)
Sri Sankar Prasad Das, Pharmacist & SIC (Surgical, SSKM)	

Institutional Ethics Committees

In accordance with universally accepted principles of bioethics, all research in IPGME&R and SSKM Hospital must receive prior clearance from the institutional ethics committees. There are two such committees – the **Institutional Animal Ethics Committee** that approves and monitors research involving animals and **IPGME&R Research Oversight Committee** that does the same for human research. The animal ethics committee functions in accordance with the guidelines of the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), while the human ethics committee functions in accordance with the Indian Council for Medical Research (ICMR) and Central Drugs Standard Control Organization (CDSCO) guidelines. Although appointed by the IPGME&R administration, these committees function independently, and the institute authority has no power to influence their decisions. The current composition of these two committees is as follows:

IPGME&R Research Oversight Committee
(Institutional Ethics Committee for biomedical research involving human participants)

Registered with Central Drugs Standard Control Organization (CDSCO), Government of India, in consonance with Rule 122D of the revised Drugs & Cosmetics Rules 1945 (Registration No. ECR/35/Inst/WB/2013/RR-24)

SN	Name	Gender	Designation	Role
1	**Dr. Hemanta Kumar Majumder**	Male	Sr. Scientist, Indian Institute of Chemical Biology, Kolkata	Scientist & Chairperson
2	**Prof. Amal Kanti Das**	Male	Professor & Former Head, Dept. of Pharmacology, IPGME&R	Pharmacologist
3	**Prof. Bijay Kumar Majumdar**	Male	Consultant Plastic Surgeon and Former Head, Department of Plastic Surgery, IPGME&R	Clinician
4	**Prof. Biman Kanti Ray**	Male	Professor, Department of Neurology, BIN, IPGME&R	Clinician
5	**Prof. Amal Kumar Santra**	Male	Scientist, Formerly of Department of Gastroenterology, IPGME&R	Basic medical scientist
6	**Dr. Bobby Paul**	Female	Professor, Department of Preventive & Social Medicine, All India Institute of Hygiene & Public Health, Kolkata	Public health expert
7	**Dr. Sananda Pati**	Female	Assistant Professor, Department of Pediatrics, IPGME&R	Clinician (Pediatrician)
8	**Mr. Debdut Mukherjee**	Male	Advocate, Calcutta High Court	Legal Expert
9	**Mr. Arunangshu Shekhar Jana**	Male	Social Worker, Mahendraganj, Dist. South 24 Parganas, West Bengal	Social worker
10	**Dr. Nila Majumdar**	Male	Bengali Teacher, Kolkata	Lay person
11	**Prof. Avijit Hazra**	Male	Professor, Department of Pharmacology, IPGME&R	Member Secretary

This full committee met 6 times during the year under review.

Institutional Animal Ethics Committee
(CPCSEA Registration No. 544/GO/Re/S/02/CPCSEA)

SN	Name	Gender	Designation	Designation
1	**Prof. Amal Kanti Das**	Male	Professor & Former Head, Dept. of Pharmacology, IPGME&R, Kolkata.	Chairperson
2	**Dr. Kuladip Jana**	Male	Senior Scientist, Division of Molecular Medicine Centre for Translational Animal Research, Bose Institute, Kolkata.	CPCSEA main nominee
3	**Dr. Hemanta Koley**	Male	Scientist D, National Institute of Cholera and Enteric Diseases, Kolkata.	External scientist
4	**Dr. Bishnu P. Sinha**	Male	Veterinary Scientist, Department of Pharmacology, IPGME&R, Kolkata.	Veterinarian
5	**Dr. Prakash Geriyol**	Male	Principal Research Scientist, Krish Biotech Research Pvt. Ltd (OECD GLP Certified Facility), Kalyani, Dist. Nadia.	Link nominee
6	**Dr. Subhankar Kumar**	Male	Associate Professor, Department of Physiology, IPGME&R, Kolkata.	Member
7	**Dr. Soma Banerjee**	Female	Scientist, School of Digestive & Liver Diseases, IPGME&R, Kolkata.	Member
8	**Mr. B. Mohammed Halal**	Male	In-Charge, Animal Facility & Principal Research Scientist, Krish Biotech Research Pvt. Ltd (OECD GLP Certified Facility), Kalyani, Dist. Nadia.	Socially aware nominee
9	**Dr. Mitali Chatterjee**	Female	Professor & Head, Department of Pharmacology, IPGME&R, Kolkata.	Member Secretary

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Hippocrates: "Wherever the art of medicine is loved, there is also a love of humanity".

William J. Mayo: "The aim of medicine is to prevent disease and prolong life; the ideal of medicine is to eliminate the need of a physician".

Carl Jung: "Medicines cure diseases, but only doctors can cure patients".

Anatomy

FACULTY

1	Dr. Rajib Kundu, MBBS, MS	Professor & Head
2	Dr. Hironmoy Roy, MBBS, MD, FAIMER, ACME, MBA, PGDip.ME, MHPE	Professor
3	Dr. Ananya Biswas, MBBS, MD	Associate Professor
4	Dr. Shyamalendu Medda, MBBS, MD	Associate Professor
5	Dr. Arnab Bhattacharya, MBBS, MD	Assistant Professor
6	Dr. Soumali Biswas, MBBS, MD	Assistant Professor
7	Dr. Anwesa Pal, MBBS, MD	Assistant Professor
8	Dr. Shukchand Hansda, MBBS, MD	Assistant Professor

POSTGRADUATE TRAINEES

Session 2023-2026	Session 2024-2027
Dr. Anirudhaya Gorai - discontinuing	Dr. Brishti Chatterjee
Dr. Bhagyashree Mandal - discontinuing	Dr. Kumari Niharika
	Dr. Rounak Roy

NON-TEACHING STAFF

Smt. Sukriti Chakraborty, BMLT	Medical Technologists (Laboratory)
Sri Sharuk Sapui, BSc	Lower Division Clerk
Sri Sunil Pandit, BSc	GDA
Sri Ashok Mallick, 8th Pass	Dissection Hall attendant
Sri Dinesh Mallick, 8th Pass	Dissection Hall attendant
Sri Anil Kumar Mallick, 5th Pass	Dissection Hall attendant

TRANSFERS, POSTINGS AND SUPERANNUATIONS

- Dr. Bhumika Bhawna and Dr. Shreyasi Mukherjee completed their tenure as Post-Graduate Trainees (Junior Resident) on April, 2025.
- Dr. Anamika Ghosh, Demonstrator, was released on June, 2024 to pursue DNB course in General Surgery at Imambara District Hospital.
- Sri Atish Kumar Mallick, Dissection Hall attendant, was released on October, 2025 to perform his duty in the same capacity at the Department of FSM, IPGME&R, Kolkata.

OVERALL ACADEMIC ACTIVITY

- Department is actively associated with Theoretical & Practical teaching programme for undergraduate students and postgraduate students of Anatomy, I.P.G.M.E&R.
- Regular Lecture and Demonstration classes for the students of Paramedical courses (BPT, DCLT, DPFT, DCCT, DOTT & ECG technician etc.)
- Research guidance for PGTs by the senior teachers of the department.
- Regular research activities are going on by the teachers and PGTs.
- Regular departmental meeting for academic and research up-gradation / development.
- Regular cadaveric workshops by different clinical disciplines (General Surgery, Orthopedics, Neurosurgery, Plastic Surgery in dissection hall of the Department of Anatomy.
- Postgraduate Seminars, micro-teaching and journal club discussions are conducted routinely.
- Dissection with dissecting microscope in collaboration with the department of Neurosurgery, BIN.

Prof. Dr. Rajib Kundu, MD (Anat)
Head of the Department

New academic achievement in 2025	**Served my department & Institute** • Besides the regular responsibility as faculty of Anatomy, involved in regular undergraduate & postgraduate teaching programme; serving the institute as • Member-cum-faculty, Merit cum Means Scholarship Award Committee **MBBS/ MD Examiner**- Regularly participated in assessment process of WB University of Health Sciences

Mentor in research activities (yr 2025)	1. **Guide** for Dr. Brishti Chatterjee (PG dissertation)- "Evaluation of Distance of Major Duodenal Papilla from Pylorus and its Position on the Duodenal Wall in Cadaveric Specimens and during Real-Time Endoscopy". (WBUHS session 2024-2027) 2. **Co-Primary Investigator** in project- "Evaluation of efficacy and limitations of Scanning Transmission Electron Microscopy in Scanning Electron Microscope (STEM in SEM) machine for diagnosis of kidney and endomyocardial biopsy samples in comparison with conventional Transmission Electron Microscopy (TEM)"; funded by Multidisciplinary Research Unit of Institute of Post Graduate Medical Education & Research, Kolkata, funded by Department of Health Research (DHR), Govt. of India. Budget: Rs.200000/ (Rupees two lakh only) [ongoing]

Prof. Dr. Hironmoy Roy
MD (Anat), MBA, ACME, PGDipME, MHPE, FAIMER Fellow

New academic achievement in 2025	**Served my department & Institute** • Besides the regular responsibility as faculty of Anatomy, involved in regular undergraduate & postgraduate teaching programme; serving the institute as • Member-cum-faculty, Medical Education Unit • Member, Elective Skill development committee • Member, Library & canteen committee **Continuing medical education** • Nimai Kumar Roy **Gold Medal in Medical Education**- on oration in National Conference in Rajkot, of Society of Medical Anatomists. (1st time Gold Medal in Medical education from West Bengal). • Completed **MHPE** (Master in Health Professional Educator) under Datta Meghe University of Medical Sciences (Wardha) • Participated as faculty in in integrated teaching session on Parkinson's disease in the institute. **Guest speaker in other department/ Institute** • Speaker: '**Question paper framing & blueprinting'** – participated as faculty, in NATCON 2025 held in Darbhanga, Bihar • Speaker: '**Integration in Medical Education'**- in Department of Community Medicine, IPGME&R • Speaker: '**Assessment of AETCOM'**- as Plenary session in EDUMED 2025 – national level conference on Medical education in Dr DY Patil Medical College Pune • Panellist: '**Lecture is a dying art'** as Panel discussion in HOPECON 2025, Kolkata • Speaker: '**Our students- their clinics- their ethics'**- oration in Perizia 2025, held in IPGME&R, Kolkata • Chairperson: 'AI in Medical education' in EDUMED 2025 – national level conference on Medical education in Dr DY Patil Medical College Pune **MBBS/ MD Examiner**- Besides regular participation in WB University of Health Sciences, in this year also participated as External Examiner in (a) SS Univ Health sciences Assam, (b) Mizoram University, Mizoram, (c) Gujarat University, Gujrat
Published article in 2025	1. Das Sarkar M, Damke S, Ray K, **Roy H*** (*corresponding author*). Introduction of "capsule course" in faculty development programme for residents & tutors in a medical college of Kolkata. Journal of Indian Medical Association 2024, Vol 122(03) 33-8 **2. Roy H**, Rawekar A, Ray K. The Practice and Faculties Perception of Challenges on Implementing AETCOM Session : A Mixed Method Study. Journal of the Indian Medical Association 2025, 123(1): 50-56 3. **Roy H**, Ray K, Parwe S. Introducing 'Directly Observed Non Clinical Skill (DONCS)' in AETCOM assessment for Phase 1 MBBS students in Anatomy as a part of Anatomy Education Teaching Curriculum Outcome Model. International Journal of Life Sciences, Biotechnology and Pharma Research 2025, May: 14(5); 1039-1044

	4. **Roy H**, Bhawna B, Bhowmik D, Parwe S. 'Theory Question-Answer' OR 'Reflection Writing' - who can supplement the AETCOM skill assessment effectively?- a study in Phase 1 MBBS Anatomy students. International Journal of Life Sciences, Biotechnology and Pharma Research 2025, May: 14(5); 257-264 **5.** Bhawna B, **Roy H**, Chakaborti P. Bhowmik D, Parwe S. An osseomorphological study on variations of foramen ovale and foramen spinosum in dry human sphenoid bones International Journal of Life Sciences, Biotechnology and Pharma Research 2025, Aug: 14(8); 18-23 6. **Roy H**, Parwe S, Ray K. Evaluation of "cadaveric oath ceremony" as a part of AETCOM teaching in Anatomy teaching-learning program for Phase 1 MBBS students- a proposed methodology . Journal of Indian Medical Association 2025. Aug, 123(8): 70-73 7. **Roy H**, Ray K and Parwe S. Does the 'cadaveric oath ceremony' embark proper AETCOM teaching? – A Kirkpatrick model analysis in Phase 1 MBBS Anatomy students. Al Ameen J Med Sci 2025; 18(4): 261-269. 8. Saha A, Biswas A Saha P, **Roy H*** (*corresponding author)*, Datta G. Can the 'coronary dominance' be predicted by dominant handedness or finger dermatoglyphic pattern? – a cross sectional study"?. Al ameen Journal of Medical sciences (Accepted in December 2025)
Mentor in research activity	1. **Guide** for Dr. Niharika Kumari (PG dissertation)- 'Estimation of facial Index with its correlation to height and limb-length in population of eastern India' (WBUHS session 2024-2027) 2. **Guide** for Mr. Arkaprava Banerjee (MBBS students)- project on "Practice & perception of time management and its distractors for Phase 1 MBBS students- a cross sectional study among medical students"- ongoing work, started from 2024 3. **Guide** for Mr. Avradip Gupta (MBBS student)- **ICMR STS** approved project- 'stress nil approach to Phase 1 MBBS learners in Anatomy- a study in a government medical college of Kolkata", approved in 2025, ongoing work 4. **Guide** for Mr. Souradeep Nandy (MBBS student)- project on "Awareness, perceived challenges and solutions of ethical professional medical practices- a mixed method study amongst the doctors of a government medical college hospital", ongoing work, started from 2024 5. **Co-guide** for Mr. Avik Das (MBBS Students)- **ICMR STS** approved project on- "Development of Blueprints of Artificial Intelligence powered Interactive Models for Neuroanatomy teaching-learning & assessment to address the felt need gap" – ongoing, started in 2024 6. **Co-guide** for Mr. Shrav Banerjee (MBBS student)- project on- "Dermatomal mapping in Lumbar Vertebral Disease and Assessment of Severity of Pain in Patients suffering from Sciatica attending a Tertiary Care Hospital", ongoing, started from 2024 7. **Co-guide** for Mr. Ayan Rit (MBBS student)- project on- "Quality control in teaching & assessment of Medical Ethics- from students' outlook"- ongoing, started from 2024

Dr. Ananya Biswas, MD (Anat)
Associate Professor

New academic achievement in 2025	Undergraduate, Paramedical & Nursing classes as and when scheduled by the department. Participated in Institute as 'Curriculum Committee' member. Attended CISP training in Andhra Medical College, Vishakhapattanam. **MBBS/ MD Examiner**- Regularly participated in assessment process of WB University of Health Sciences
Other activities	• Participated as nodal officer in "Swasthya Ingit" telemedicine service of Government of West Bengal. • Participated in Admission verification officer for UG, PG admissions as and when scheduled from the office pf the Dean of Students' affairs.

New publications in 2025	1. Saha A, **Biswas A**, Saha P, Roy H* (corresponding author), Datta G. Can the 'coronary dominance' be predicted by dominant handedness or finger dermatoglyphic pattern? – a cross sectional study"?. Al ameen Journal of Medical sciences (Accepted in December 2025)
Mentor in research activities	Guide- WBUHS PG Dissertation of Dr. Raunak Roy- Estimation of Knee Joint by High Resolution Magnetic Resonance Imaging Scan in West Bengal Population".

Dr. Shyamalendu Medda, MD (Anat)
Associate Professor

New academic achievement in 2025	**Served my department & Institute** • Besides the regular responsibility as faculty of Anatomy, involved in regular undergraduate & postgraduate teaching programme; serving the institute as • Expert in Soft embalming of cadavers • Overseer and Coordinator of institutional Electron Microscopy Services. • Project- MOIC service of whole institute • Associate Editor, Annals of Medical Sciences (Journal) • Coordinator, of integrated teaching sessions **MBBS/ MD Examiner**- Regularly participated in assessment process of WB University of Health Sciences
Published article in 2025	1. Basu K, Butta S, Agarwal A, Singha A, **Medda S**, Sarkar D, Chatterjee U. Reninoma in an Adolescent Girl: Histopathological Insights with Review of Literature. Fetal and Pediatric Pathology. 2025 Aug 4:1-8. 2. Gupta CL, **Medda S**, Bhukya S, Mukhopadhyay P, Gupta AD, Ray B, Kamal VK, Kamal VK. Regional Variation in Skull Thickness Along a Horizontal Plane: Implications for Neuroanatomy Teaching, Neurosurgery, Radiology and Forensic Analysis. Cureus. 2025 Dec 4;17(12).
Ongoing other research activities	1. **Primary Investigator** in project- "Evaluation of efficacy and limitations of Scanning Transmission Electron Microscopy in Scanning Electron Microscope (STEM in SEM) machine for diagnosis of kidney and endomyocardial biopsy samples in comparison with conventional Transmission Electron Microscopy (TEM)"; funded by Multidisciplinary Research Unit of Institute of Post Graduate Medical Education & Research, Kolkata, funded by Department of Health Research (DHR), Govt. of India. Budget: Rs.200000/ (Rupees two lakh only) [ongoing] 2. **Primary Investigator** in project- "Determining the therapeutic efficacy of resveratrol in murine model of type C Hepatic Encephalopathy with decompensated cirrhosis of liver focusing on integrity of Blood-Brain-Barrier." 3. **Co-primary Investigator** in project- "Development and validation of murine model of human Spontaneous Bacterial Peritonitis." (PI- Dr. Shamik Banerjee, Assistant Professor, SDLD, IPGME&R, Kolkata.) [ongoing] 4. **Co-Primary Investigator** in project "Exosomal miRNA signatures for Early Prediction of Isoniazid Resistance in Tuberculosis: A pilot study." (PI- Dr. Suman Santra, Assistant Professor, SDLD, IPGME&R, Kolkata.) [ongoing] 5. **Co-Primary Investigator** in project "Deciphering the role of peripheral T lymphocytes and hepatocytes derived microRNA in exosome in Anti Tubercular Drug induced Liver Injury." (PI- Dr. Suman Santra, Assistant Professor, SDLD, IPGME&R, Kolkata.) 6. **Co-Primary Investigator** in project- "A pilot study Investigating Exosomal miRNAs in INH induced Hepatotoxicity: A biomarker based Approach for Anti Tubercular Drug safety." (PI-Dr. Suman Santra, Assistant Professor, SDLD, IPGME&R, Kolkata.) 7. WBUHS **Thesis Co-guide** of Dr. Vishwa Prakash Das (MCh CTVS PDT), Title – "Variations of the location of saphenofemoral junction and tributaries of terminal part of great saphenous vein in cadaver and on patients undergoing surgery for varicosity of great saphenous vein in a tertiary care hospital of eastern india." 8. **Guide**- Student's project- Mr. Aditya Mukherjee- "Comparative Study of Traditional Formaldehyde-based Embalming with Modified Saturated Salt Solution and Genelyn-based Embalming in Human Cadavers for Anatomy and Clinical Skill Teaching"

	9. **Guide**- students' project- Mr. Shrav Banerjee- "Dermatomal mapping in Lumbar Vertebral Disease and Assessment of Severity of Pain in Patients suffering from Sciatica attending a Tertiary Care Hospital"

Dr. Arnab Bhattacharyya, MD (Anat)
Assistant Professor

Regular academic involvement	Undergraduate, Paramedical & Nursing classes as and when scheduled by the department. Participated in assessment process of WB University of Health Sciences.

Dr. Soumali Biswas, MD (Anat)
Assistant Professor

Regular academic involvement	Undergraduate, Paramedical & Nursing classes as and when scheduled by the department Participated in WB University of Health Sciences as examiner for UG MBBS exam.
Administrative role	Participated in Admission verification officer for UG, PG admissions as and when scheduled from the office pf the Dean of Students' affairs.
Published article in 2025	1. Pal A, Ghosh A, **Biswas S**. Morphological and Morphometric Study of Foramen Spinosum in Dry Human Skulls: A Cross-sectional Study from South Bengal, India. International Journal of Anatomy, Radiology and Surgery. 2025 Jan, Vol-14(1): AO06-9
Mentor in research activities (yr 2025)	**Guide** in **ICMR STS** Student's project of Mr. Avik Das on "Development of Blueprints of Artificial Intelligence powered Interactive Models for Neuroanatomy teaching-learning & assessment to address the felt need gap" [ongoing work]

Dr. Anwesa Pal, MD (Ana)
Assistant Professor

Regular academic involvement	Undergraduate, Paramedical & Nursing classes as and when scheduled by the department
New academic achievement in 2025	Participated as Speaker in integrated session "Obstructive Jaundice" held in IPGME&R
Administrative role	• Participated as nodal officer in "Swasthya Ingit" telemedicine service of Government of West Bengal. • Participated in Admission verification officer for UG, PG admissions as and when scheduled from the office pf the Dean of Students' affairs.
Published article in 2025	1. **Pal A,** Ghosh A, Biswas S. Morphological and Morphometric Study of Foramen Spinosum in Dry Human Skulls: A Cross-sectional Study from South Bengal, India. International Journal of Anatomy, Radiology and Surgery. 2025 Jan, Vol-14(1): AO06-9
Mentor in research activities (yr 2025)	**Guide** in Student's project of Mr. Ayan Rit on "Learner's perception on teaching learning assessment of AETCOM teaching programme" (ongoing project)

Dr. Shukchand Hansda, MD (Anat)
Assistant Professor

New academic achievement in 2025	Undergraduate, Paramedical & Nursing classes as and when scheduled by the department Participated in WB University of Health Sciences as examiner for UG MBBS exam.
Published article in 2025	1. Srimani P, Paul M, **Hansda S**. Morphological and Morphometric Analysis of Pterion: A cross -sectional study from Eastern India. Journal of Clinical and Diagnostic Research,2025 March,vol-19(3):AC01-AC04

Dr. Brishti Chatterjee., PGT

New academic achievement in 2025	Regularly involved in UG teaching and departmental assignments. Besides these- • Participated as a Delegate in Clinical Embryology workshop at ICARM 2025, Kolkata. • Attended 2 days workshop on Research paper writing in the Department of Neonatology at IPGME&R, Kolkata. • Attended Neurodissect 2025 workshop in AIIMS Kalyani. • Attended workshop conducted by MEDCC 2025 in NRS Medical College and Hospital, Kolkata on Management of Diabetes and Obesity. • Completed Basic Course in Biomedical Research (BCBR) on July 2025 with an aggregate of 76% marks in the same.
Research activities	WBUHS thesis- "Evaluation of Distance of Major Duodenal Papilla from Pylorus and its Position on the Duodenal Wall in Cadaveric Specimens and during Real-Time Endoscopy". (**Guide**- Prof. Rajib Kundu) [ongoing]

Dr. Niharika Kumari, PGT

New academic achievement in 2025	Regularly involved in UG teaching and departmental assignments. Besides these- • Participated as a Delegate in clinical Embryology workshop at ICARM 2025, Kolkata. • Attended 2 days workshop on Research paper writing in the Department of Neonatology at IPGME&R, Kolkata. • Attended National CME Reforms in Anatomy teaching learning in the Digital Era at department of anatomy AIIMS, Kalyani. • Attended workshop on Quality Assurance of Theory Question paper: Designing & Blueprinting in NATCON-72 Conference of Anatomical society of India at Darbhanga medical college.
Research activities	WBUHS thesis- "Estimation of facial index with its correlation to height and limb lengths in population of Eastern India" (**Guide**- Prof. Hironmoy Roy) [ongoing]

Dr. Raunak Roy, PGT

New academic achievement in 2025	Regularly involved in UG teaching and departmental assignments. Besides these- • Participated as a Delegate in Clinical IVF workshop at ICARM 2025, IPGME&R, Kolkata & attended 2nd International Conference on Advances of Reproductive Medicine, Kolkata. • Attended 2 days workshop on Basic Methodology (Research paper writing) in the Department of Neonatology at IPGME&R, Kolkata. • Attended Neuro-dissect 2025 workshop conducted by AIIMS Kalyani and also attended new teaching & learning methodology of Clinical Anatomy in AIIMS Kalyani. • Attended workshop conducted by MEDCC 2025 in NRS Medical College and Hospital, Kolkata on Management of Diabetes and Obesity. • Attended workshop conducted by AIIMS Bhopal on Kinanthropometry in human body.
Research activities	WBUHS thesis- "Estimation of Knee Joint by High Resolution Magnetic Resonance Imaging Scan in West Bengal Population". (Guide- Dr. Ananya Biswas)

Anesthesiology

Faculty

Professor & Head	Dr. Arpita Laha MD
Professor	Dr Mohanchandra Mandal, MD Dr Sharmila Ghosh, MD Dr Baisakhi Laha Hazra, DA, MD Dr. Parvin Banu, MD
Associate Professor	Dr. Rajat Chowdhury, MD, DrNB (Critical Care Medicine) Dr. Chiranjib Bhattacharyya DA, MD Dr. Surajit Chattopadhyay MD Dr. Amit Ray MD
Assistant Professor	Dr. Chaity Maji, DA, MD Dr. Anjan Chattopadhyay, DCH, MD Dr. Sangita Mandal, MD Dr. Debojyoti Das MD Dr. Debashish Mondal MD Dr. Kabir Hossain Dr. Sangita Mandal Dr. Subhra Kanti Sengupta Dr. Bhanuman Mandal
Clinical Tutor	Dr. Bhabani Maitra DA Dr. Madhusree Banerjee, MD

Medical Officers

Dr. Arunabha Sarkar MBBS Dr. Biswajit Khanra MBBS	Dr. Srabanti Barman MBBS Dr. Prabir Chandra Das MBB

Seniorresidents

Name	Session	Joining Date	Release on
Dr. Akash Kumar Santra	2020-2023	16.08.2023	31.05.2025
Dr. Sulagna Basu	2020-2023	21.08.2023	27.05.2025
Dr. Kritika Kumari	2020-2023	18.08.2023	02.06.2025
Dr. Vaskar Roy	2020-2023	16.08.2023	31.05.2025
Dr. Amit Kumar Biswas	2020-2023	17.08.2023	31.05.2025
Dr. Shaista Parveen	2020-2023	17.08.2023	30.05.2025
Dr. Sandip Maji	2020-2023	17.08.2023	30.05.2025
Dr. Rina Khatun	2020-2023	16.08.2023	02.06.2025
Dr. Anupama Mandal	2020-2023	21.08.2023	31.05.2025
Dr. Shafaque Mariam	2021-2024	29.05.2025	
Dr. Atreyee Bandyopadhyay	2021-2024	29.05.2025	
Dr. Samrian Gupta	2021-2024	30.05.2025	
Dr. Shinjini Raha	2021-2024	02.06.2025	
Dr. Shreosi Ghosh	2021-2024	02.06.2025	
Dr. Arkaprava Sau	2021-2024	05.06.2025	
Dr. Riddhi Mukherjee	2021-2024	02.06.2025	
Dr. Sayantan Dey	2021-2024	28.06.2025	
Dr. Jilimili Engtipi	2021-2024	02.06.2025	
Dr. Sanshaptak Ghosh	2021-2024	30.05.2025	
Dr. Debjani Gayen	2021-2024	02.06.2025	

Postgraduate (MD Anesthesiology) Trainees

Session 2022-2025	Session 2023-2026	Session 2024-2027
Dr. Subhadeep Pramanik Dr. Arnab Roy Dr. Srinjoy Barman Dr. Tathagata Dewasi Dr. Adella Majaw Dr. Saikat Kundu Dr. Sayantan Modak Dr. Puspajit Rajak Dr. Rajbhusan Prasad Dr. Subhrajyoti Das Dr. Rhitam Karmakar Dr. Sandip Bose Dr. Sukanta Bhowmik Dr. Kingshuk Bhowmik Dr. Rimpi Aich Dr. Palash Roy	Dr. Jhulan Maji Dr. Subhajit Paul Dr. Sudeshna Moi Dr. Somdatta Sarkar Dr. Litresh R. Sangma Dr. Om Bhaskar Dr. Paramita Mondal Dr. Sudesna Pal Dr. Manoj Gorain Dr. Anisha Manna Dr. Arnab Dutta Dr. Fahima Aktar Dr. Anwesha Mandal Dr. Arpana Kumari Dr. Rabin Raj Dr. Gautam Mondal Dr. Rahul Sarkar Dr. Ritabrata Halder	Dr. Ritoja Chakraborty Dr. Neshita Naskar Dr. Anwesha Chakraborty Dr. Supratik Mal Dr. Mousumi Dey Dr. Md Rafiqul Islam Dr. Sk. Javed Iqbal Dr. Sumanta Barman Dr. Sk Asib Uddin Dr. Saheb Das Dr. Bidisha Dey Dr. Sharmi Choudhury Dr. Arunima Jha Dr. Bushra Khan Dr. Harshikha Goel

TRANSFERS, POSTINGS AND SUPERANNUATIONS (1.12.2024-30.11.2025)

1. Prof. Dr. Maitreyee Mukherjee transferred out from IPGME&R, SSKM Hospital, Kolkata
2. Prof. Parvin Banu transferred in IPGME&R, SSKM Hospital, Kolkata
3. Dr. Sangita Mandal, Dr. Subhra Kanti Sengupta, Dr Bhanuman Mandal (all are promoted to Assistant Professor) in IPGME&R, SSKM Hospital Kolkata

REGULAR ACADEMIC ACTIVITIES

- Regular classes held twice a week. Monthly examination for assessment.
- Attending CME program organized by ISA (WB Branch) at different medical collages and private medical institutions by post graduate trainees and teachers.
- Attending various conferences at the state as well as national levels by post graduate trainees and teachers.
- Paper presentation at various conferences by post-graduate trainees and teachers.
- Delivery of lectures or orations and taking part in panel discussion by teachers at conferences of the state and national level.
- Conducting Annual Post Graduate Assembly where postgraduate students from various medical colleges from this state and also other states participate which helps the postgraduate trainees to prepare better for their examination.
- Various workshops conducted
- Rotating allotment of postgraduate students of IPGME&R and other institutes to Cardiothoracic OT of Department of Cardiac Anesthesiology, IPGME&R, and Neurosurgery OT of Bangur Institute of Neurosciences.

Research ongoing as MD thesis work

Session 2022-2025

SN	Name	Topic	Guide	Co-guide
1	Dr. Rajbhusan Prasad	Effect of $MgSO_4$ on depth of anesthesia awareness incidence & pain relief after abdominal surgery - a parallel group, single blind, prospective randomized controlled trial.	Dr. Surajit Chattopadhyay	Dr. Chaity Maji
2	Dr. Tathagata Dewasi	Comparison between spontaneous breathing trial with pressure support ventilation vs T piece as ventilator weaning modality. A randomized clinical trial.	Dr. Rajat Choudhuri	
3	Dr. Subhadeep Pramanik	USG guided TAP block vs USG guided caudal block in pediatric patient undergoing lower abdominal surgery: a comparative study.	Prof. Dr. Mohanchandra Mandal	Dr. Sangita Mandal
4	Dr. Saikat Kundu	Comparison of intrathecal fentanyl and dexmedetomidine as adjuvants to hyperbaric	Dr. Dibyendu Garai	

		bupivacaine for elective gynecological surgeries: a double-blind controlled study.		
5	Dr. Sukanta Bhowmik	Comparison of cricoid and subcricoid transverse diameter of trachea to determine correct size of endotracheal tube in pediatric population.	Dr. Maitreyee Mukherjee	Dr. Debojyoti Das
6	Dr. Kingshuk Bhowmik	A comparative study between preoperative and postoperative serum lactate levels after intraoperative fluid optimization through stroke volume variation monitoring among renal transplant recipients with or without tidal volume challenge test- a double blind randomized controlled trial.	Dr. Rajat Choudhuri	
7	Dr. Arnab Roy	Sedation in upper GI endoscopic procedures: a comparison between propofol and dexmedetomidine	Dr. Tapas Ghose	Dr. Saikat Bhattacharya
8	Dr. Arpan Chakraborty	Postoperative fluid management after major abdominal surgery : goal directed therapy vs ultrasound guided volume assessment.	Dr. Tapas Ghose	Dr. Avik Sarkar
9	Dr. Srinjoy Barman	Comparative study between USG guided Rectus sheath block and TAP block for post operative analgesia in laparoscopic hernia surgery - a prospective randomized controlled double blinded study	Dr. Arpita Laha	Dr. Debojyoti Das
10	Dr Adella Majaw	Comparison of erector spinae block and thoracolumbar interfascial plane block for pain control in patients undergoing lumbar spine surgery- a prospective randomized controlled clinical study.	Dr. Maitreyee Mukherjee	
11	Dr. Rhitam Karmakar	Comparison between hyperbaric ropivacaine(0.75%) and hyperbaric bupivacaine (0.5%) in subarachnoid block for elective gynecological surgeries.	Dr. Amit Kumar Ray	
12	Dr. Palash Roy	A comparative study of 10% lignocaine spray vs cryoanalgesia (ice bag) in relieving pain of venipuncture in adult patients	Dr. Chiranjib Bhattacharyya	
13	Dr. Sandip Bose	A comparative study of 10% lignocaine spray vs cryoanalgesia (ice bag) in relieving pain of radial arterial puncture in awake adult patients.	Dr. Chiranjib Bhattacharyya	
14	Dr. Sayantan Modak	Effect of oxytocin and carbetocin infusion on blood loss during abdominal myomectomy- a comparative study.	Dr. Soma Chakraborty	
15	Dr. Rimpi Aich	Comparison between tuoren video laryngoscope guided technique and blind method for nasogastric tube placement in anesthetized, intubated, adult patients.	Dr. Mohanchandra Mandal	Dr. Sangita Mandal
16	Dr. Subhrajyoti Das	A study to compare the effects on laryngotracheal morbidity of air, 2% alkalinized lignocaine and dexamethasone used for endotracheal tube cuff inflation: a randomized controlled trial.	Dr. Baisakhi Laha	Dr. Anjan Chattopadhyay

Session 2023-2026

SN	Name	Topic	Guide	Co-guide
1	Dr Jhulan Maji	Comparative study between kings' vision channeled blade and tuoren channeled blade video laryngoscope with macintosh direct laryngoscope for endotracheal intubation in anticipated difficult intubation	Dr. Arpita Laha	Dr. Debojyoti Das
2	Dr Subhajit Paul	Comparison of analgesic efficacy of ropivacaine and bupivacaine for ultrasound-guided rectus sheath block after upper abdominal surgery in adults.	Dr. Mohanchandra Mandal	Dr. Sangita Mandal
3	Dr Somdatta Sarkar	Efficacy of 5% lignocaine patch for post operative pain relief in patients undergoing inguinal hernia repair under spinal anaesthesia: a randomised controlled double-blind study.	Dr. Chiranjib Bhattacharyya	
4	Dr Litresh R Sangma	Effect of time intervals between fentanyl & propofol administration on propofol requirement for the induction of anesthesia.	Dr. Rajat Choudhary	
5	Dr Om Bhaskar	A comparative study between atomised local anaesthetic along with spraying of local anaesthetic at the vocal cord versus transtracheal block along with spraying of local	Prof. Dr. Sarmila Ghosh	

		anaesthetic into tonsillar fossa for awake fiber optic intubation		
6	Dr Paramita Mondal	Prophylactic low dose magnesium, both at induction and in maintenance period, a suitable option in patients undergoing general anesthesia for better operative outcome- a single blind parallel group prospective randomized controlled trial.	Dr. Surajit Chattopadhyay	Dr. Chaity Maji
7	Dr Sudeshna Pal	A study to assess awareness and attitude towards labor analgesia in pregnant women attending antenatal clinic in a tertiary care hospital	Dr. Baisakhi Laha	Dr. Debashish Mondal
8	Dr Manoj Gorain	Comparing effectiveness of dexmedetomidine versus fentanyl midazolam combination for sedation during awake fiberoptic intubation.	Dr. Sarmila Ghosh	
9	Dr Fahima Aktar	Recovery characteristics of patients undergoing laparoscopic cholecystectomy under general anaesthesia using desflurane or sevoflurane or isoflurane - a comparative study.	Dr. Saikat Bhattacharya	Dr. Amit Kumar Ray
10	Dr Anisha Manna	Comparison of propofol versus midazolam and fentanyl for induction and maintenance in colonoscopy : a randomized controlled trial.	Dr. Dibyendu Garai.	
11	Dr Arnab Dutta	A study to compare two different intravenous dosages of dexmedetomidine (0.5 mcg/kg & 0.3 mcg/kg) as an antishivering agent following spinal anaesthesia in adults.	Dr. Amit Kumar Ray	Dr. Anjan Chattopadhyay
12	Dr Anwesha Mandal	Comparative study between lignocaine nebulization with and without dexmedetomidine in patients undergoing awake fiberoptic intubation Following airway block: a randomized controlled trial.	Prof. Dr. Arpita Laha	Dr. Debojyoti Das
13	Dr Arpana Kumari	Comparison between lignocaine patch and diclofenac patch on venipuncture pain in adult patients.	Dr. Mohanchandra Mandal	
14	Dr Rabin Raj Ravi	Comparison of lignocaine spray 10% versus normal saline spray for pain relief during intravenous cannulation in adults	Dr. Mohanchandra Mandal	Dr. Sangita Mandal
15	Dr Rahul Sarkar	Thoracic epidural analgesia (TEA) versus ultrasound guided transversus abdominis plane (TAP) block for postoperative pain relief in patients undergoing upper abdominal surgeries: a randomized controlled, single blind, comparative study.	Prof. Dr. Tapas Ghose	
16	Dr Gautam Mondal	Effect of topical lignocaine patch on postoperative pain relief in laparoscopic cholecystectomy: a randomized double-blind controlled study.	Dr. Chiranjib Bhattacharyya	
17	Dr Ritabrata Halder	A comparative study of three different doses of dexmedetomidine as adjuvant to bupivacaine in supraclavicular brachial plexus block for upper limb surgeries.	Dr. Rajat Choudhuri	
18	Dr Sudeshna Moi	Comparison of neuromuscular recovery profile using neostigmine and sugammadex as reversal agents in major surgeries under general anesthesia.	Prof. Dr. Tapas Ghose	

Session 2024-2027

SN	Name	Title	Guide	Co-guide
1	Dr. Ritoja Chakraborty	Correlation between perfusion index and mean arterial pressures in patients undergoing general anesthesia: an observational study	Dr. Tapas Ghose	
2	Dr. Neshita Naskar	A comparative study of fractionated versus single bolus dose of hyperbaric bupivacaine during spinal anesthesia in lower limb orthopedic surgeries - a randomized controlled trial.	Dr. Parvin Banu	Dr. Subhra Kanti Sengupta
3	Dr Anwesha Chakraborty	Comparison of hemodynamic response following spinal anesthesia between controlled hypertensive and normotensive patients undergoing surgery below umbilicus.	Dr Amit Kumar Ray	Dr Anjan Chattopadhyay

4	Dr Supratik Mal	Effect of premedication with melatonin & midazolam on anxiety score and sedation; a randomized controlled trial.	Dr Sharmila Ghosh	Dr Sangita Mandal
5	Dr. Mousumi Dey	Effect of local pressure in relieving spinal needle puncture pain in patients undergoing elective caesarian section under subarachnoid block: a randomized single blind controlled study.	Dr. Chiranjib Bhattacharyya	
6	Md Rafiqul Islam	LMA protector vs cuffed endo tracheal tube: a comparative study of hemodynamic responses in patients undergoing laparoscopic cholecystectomy.	Dr. Dibyendu Gara	
7	Dr. Sk Javed Iqbal	Comparison of ultrasound guided erector spinae plane block vs serratus anterior plane block for post operative analgesia in case of modified radical mastectomy operation - a randomized controlled trial.	Dr. Arpita Laha	Dr.Debojyoti Das Dr. Amit Kumar Das
8	Dr. SUMANTA BARMAN	Evaluation of multimodal opioid free drug mixture (inj. paracetamol + lignocaine hydrochloride + magnesium sulfate)as preemptive analgesic for laparotomy under general anesthesia: a randomized placebo-controlled trial.	Dr. Baisakhi Laha Hazra	Dr. Debashis Mondal
9	Dr. SK ASIB UDDIN	Effect of preoperative intravenous dexamethasone on post operative analgesia and block duration in patients undergoing infraumbilical surgery under subarachnoid block: a randomized placebo- controlled trial.	Dr. Surajit Chattopadhyay	Dr. Chaity Maji
10	Dr Saheb Das	A comparitive study of pre incisional transversus abdominis plane block versus port site local anaesthetic infiltration for post operative analgesia in laparoscopic surgeries.	Dr Tapas Ghose	
11	Dr Bidisha Dey	Thesis topic: comparison between intravenous propofol and inhaled sevoflurane in maintaining adequate depth of anesthesia monitored by QCON index in infraumbilical surgery under general anesthesia: a randomized controlled trial.	Dr. Baisakhi Laha Hazra	Dr Debashish Mondal
12	Dr Sharmi Choudhury	Comparison of ultrasound based diaphragmatic excursion with rapid shallow breathing index as a weaning predictor in mechanically ventilated patients: a randomized controlled trial.	Dr. Arpita Laha	Dr. Debojyoti Das
13	Dr Arunima Jha	Comparing the efficacy of atomized versus nebulized 4% lignocaine for awake fiberoptic intubation - a randomized controlled trial.	Dr Sarmila Ghosh	Dr Sangita Mandal
14	Dr Bushra Khan	Comparison between nebulized dexmedetomidine and magnesium sulphate for attenuation of hemodynamic response to laryngoscopy and tracheal intubation: a prospective randomizer controlled double blinded study.	Dr Rajat Chowdhury	
15	Dr Harshikha Goel	Comparison between standard digital insertion and macintosh direct laryngoscope-guided technique of Proseal laryngeal mask airway insertion in children: a double-blind randomized study.	Dr. Mohanchandra Mandal	

FACULTY NEWS

Dr. Arpita Laha, Professor and Head

Examiner in university Examinations

1. Acted as convenor in MD Anesthesiology Examination September 2025, held on 15 th to 16th September 24 IPGME&R, SSKM
2. External examination MD Anesthesiology Examination September, 2025, in NRSMCH, Kolkata
3. External examination of DNB, Anesthesiology 2025, Jupitar Hospital, Thane, Mumbai

Publications

- Contribution of book chapter: Postgraduate Surgery vol 2, first edition 2025. Editor Nilay Mandal, Supriyo Ghatak. Ankan Mondal. Name of chapter no. 46 Principles of anesthesia & pain management

Dr. Mohanchandra Mandal, Professor

Publications

- Mandal M, Chakraborty S, Das D, Chattopadhyay S and Pal S. How to Perform a Postgraduate Research and Write a Scientific Paper: The Underpinning Facts! National Board of Examinations - Journal of Medical Sciences 2024; 2(12): 1303–1318. https://doi.org/10.61770/NBEJMS.2024.v02.i12.010
- Bhattacharya D, Esquinas AM, Mandal M. Wean early leave early — The underpinning facts. Lung India 2025;42(1): 77-8. https://doi.org/10.4103/lungindia.lungindia_445_24
- Aich R, Bhattacharyya C, Mandal S, Das SS, Rahman S and Mandal M. Comparison between Tuoren video laryngoscope-guided technique and blind method for nasogastric tube placement in anesthetized, intubated, adult patients. Asian J Med Sci. 2025;16(5):1-8.
- Bhowmik S, Bhattacharyya C, Das D, Debnath S, Dewasi T, Paul S, et al. Comparison of cricoid and subcricoid transverse diameter of trachea to determine correct size of endotracheal tube in pediatric population: An observational study. Asian J Med Sci [Internet]. 2025 Sep. 30 [cited 2025 Dec. 29];16(10):19-26.

Examiner in University/NBE Examinations:

- Acted as Internal examiner for the MD Examination (Oral & Practical) 2025 on 15th to 16th September, at IPGME&R, Kolkata.

Dr. Baisakhi Laha, **Professor**

- Thesis guide for MD Anesthesiology students.
- Trainer faculty for BLS, ACLS and ATLS workshops conducted in IPGME&R, Kolkata by departments of Anesthesiology and Emergency Medicine.
- Faculty and examiner for PDCC Pain management course.
- Faculty and examiner for DOTT course.

Training

- Completed Postgraduate Diploma in Medical Law and Ethics (PGDMLE) from National Law School of India University (NLSU), Bengaluru.

Publication

- Ghorui A, Laha B, RoyBasunia S, Saha D. Safety and efficacy of laryngeal mask airway placement in terms of oropharyngeal leak pressure: A comparison between conventional insertion and laryngoscope guided insertion. Asian J Med Sci;2025:16:14-9.https://doi.org/10.71152/ajms.v16i2.4393.

Dr. Surojit Chattopadhyay, Associate Professor
Publication

- Chattopadhyay, S., Bhattacharyya, T., Kumari, K., Maji, C., Prasad, R. B., Comparative study of enhanced recovery (eras) between opioid free anaesthesia and opioid based anaesthesia in lumbar fixation surgery. Int J Acad Med Pharm 2025; 7 (1); 1117-23.

Dr. Amit Ray, Associate Professor
Publication

- Ray, A. K., Mondal, D., Porel, S., Chattopadhyay, A. A study of patient's knowledge and perception about anaesthesia and the anaesthesiologist in a tertiary care hospital in Kolkata. Int J Acad Med Pharm 2024; 6 (6); 715-721.

Dr. Debojyoti Das, Assistant Professor
Publication

- Bhowmik S, Bhattacharyya C, Das D, Debnath S, Dewasi T, Paul S, et al. Comparison of cricoid and subcricoid transverse diameter of trachea to determine correct size of endotracheal tube in pediatric population: An observational study. Asian J Med Sci [Internet]. 2025 Sep. 30 [cited 2025 Dec. 23];16(10):19-26.

Dr. Chaity Majhi, Assistant Professor
Publication

- Chattopadhyay, S., Bhattacharyya, T., Kumari, K., Maji, C., Prasad, R. B., Comparative study of enhanced recovery (eras) between opioid free anaesthesia and opioid based anaesthesia in lumbar fixation surgery. Int J Acad Med Pharm 2025; 7 (1); 1117-23.

SERVICE INFORMATION

A. OPD (Anesthesiology)

Number of patients attending OPD for Pre-anesthetic check-up: 42213

B. Number of operations done under anesthesia in the various operation theatres:

SN	Unit	No. of major cases	No. of minor cases
1	ENT OT	975	650
2	New Plastic Surgery OT	1359	36
3	Burns OT	18	
4	Eye OT	92	
5	Ligation OT	846	
6	Main OT (General Surgery)	3301	
7	Main OT (Plastic Surgery)	440	
9	Main OT (Surgical Oncology)	359	
10	Gynecology OT (Elective + Minor)	1401	339
11	Obstetric emergency LUCS	3922	
12	Emergency OT (Trauma care unit)	7261	793
13	Urology OT	1830	
14	Orthopedic OT	3527	503
15	Neurosurgery OT (BIN)	1424	
16	Neonatal Surgery OT	174	
17	Main OT (Pediatric Surgery OT)	1614	509
18	MRI Suite	199	
19	Transplant OT elective	36	
20	Transplant OT emergency	8	
21	Robotic Surgery	40	

C. ITU:

- Patients admitted + Transfer in: 474
- Discharge + Transfer out: 27 + 308
- Mortality Statistics: 148 (31.2%)
- Number of patients discharged against medical advice: 1

Bangur Institute of Neurosciences
Neuroanesthesiology

FACULTY

Prof. Amita Acharjee (Pahari) DA, MD *	Professor
Prof. Subrata Pahari DA, MD	Contractual Consultant
Dr. Soumya Chakrabarti MD, DNB	Contractual Consultant
Dr. Gouranga Roy MBBS	RMO

* Prof. Amita Acharjee's extension period ended on 03.09.2025

Neurointensive Care Unit: Medical Officers

- Dr. Sujata Samaddar (Retired on 30.10.2025)
- Dr. Anish Kumar Das
- Dr. Rina Sarkar
- Dr. Anjan Chowdhury

Three sanctioned posts of Medical Officer of Neurointensive Care Unit are currently vacant (since 2013)

Senior Residents (non-bonded)	Senior Residents (Bonded)
• Dr. Avijeet Kedia DNB (Y3) • Dr. Sabarni Sanyal MD (Y1)	• Dr. Sanghita Layek (Y2) on maternity leave • Dr. Palash Roy (Y1) • Dr. Rajdeep Biswas (Y1) • Dr. Bijit Bhakta (Y1) • Dr. Sampad Biswas (Y1) • Dr. Tirthankar Ghosh – Released for DrNB Critical Care Medicine on 16.06.2025

REGULAR ACADEMIC ACTIVITY

- Attending CME programs organized by ISA(WB Branch) at different medical collages and private medical institutions by post graduate trainees and teachers.
- Attending various conferences at the state as well as national levels by post-graduate trainees and teachers.
- Paper presentation at various conferences by post-graduate trainees and teachers.
- Delivery of lectures or orations and taking part in panel discussion by teachers at conferences of the state and national level.
- Rotational allotment of post-graduate students of IPGME&R, Kolkata and from various postgraduate institutes of West Bengal.
- Regular class taken for Diploma in Critical Care students

Research work

- Transient neurodeficit following retrolaminar plane block in lumbar spine fixation surgery : a case report. (Dr Sanghita Layek)
- Efficacy of erector spinae plane block versus retrolaminar block for perioperative analgesia following posterior dorsolumbar spine instrumentation surgery. Sanghita Layek, Dr. Soumya Chakrabarti)
- Comparison of intermediate vs superficial and intermediate cervical plexus block for anterior cervical discectomy and fusion: a prospective randomized control study. (Dr Sabarni Sanyal, Dr Soumya Chakrabarti)

SERVICE INFORMATION

OPD (Pain Clinic) Old patients-112, New patients-23

Regular PAC Checkup (indoor patients) 40-50 patients per week

Operations done in BIN operation theaters

Major OT1+ OT2 (1385)	**Minor OT (187)**	**DSA OT (228)**	**Pediatric neurosurgery OT (153)**	**CT scan (118)**
• Brain tumor-523 • Aneurysm clipping–230 • V-P Shunt-12 • Spinal tumors (cervical, dorsal, lumbar)-98 • Spinal fixation and discectomy-522	Referred from Pain Clinic • Peripheral block for Trigeminal nerve-14 • Caudal epidural block for failed back syndrome USG guided-11 • Coeliac plexus block USG guided-1 • Stellate ganglion block USG guided-1 • Median nerve block for carpel tunnel syndrome -9 • Trigger point injection-4 • Lateral femoral cutaneous nerve block-1 Referred from Neuromedicine • Lumber puncture-51 • Central venous cannulation-77 • Ryles tube insertion- 18	• Aneurysm coiling–130 • Cranial AVM embolization-28 • Spinal AVM embolization-3 • Transverse sinus stenosis-4 • Carotid artery stenosis-51 • Moyamoya disease-2 • TIPSS- 7 • Bronchial artery aneurysm-3	• Brain tumor-103 • Meningomyelocele- 43 • VP shunt-7	• CT Scan of pediatric patients under GA-73 • Anesthesia for Radiofrequency ablation of bone tumor-14 • CT guided FNAC under sedation-12 • USG guided biopsy-19

Neurointensive care unit (NICU)

Admitted - Neuromedicine 89 & Neurosurgery 934

Bangur Institute of Neurosciences
Neuromedicine

FACYLTY

Name	Degree	Designation
Dr. Atanu Biswas	MD, DM (Neuro)	Professor and Head
Dr. Biman Kanti Roy	MD, DNB (Med) DM (Neuro)	Professor
Dr. Alak Pandit	MD, DM (Neuro)	Professor
Dr. Arijit Roy	MD, DM (Neuro)	Associate Professor
Dr. Adreesh Mukherjee*	MD, DM (Neuro)	Associate Professor
Dr. Uma Sinharoy	MD, DM (Neuro)	Associate Professor
Dr. Souvik Dubey	MD, DM (Neuro)	Associate Professor
Dr. Sumanta Sarkar**	MD, DM (Neuro)	Associate Professor
Dr. Jayanta Ghosal	MD, DM (Neuro)	Assistant Professor
Dr. Sumit Sarkar	MD, DM (Neuro)	Assistant Professor
Dr. Joydeep Mukherjee	MD,DM(Neuro)	Assistant Professor
Dr. Shymapada Dan***	MBBS,MD (Med)	Tutor
Dr. Amritesh Maji	MBBS	Tutor

*Dr. Adreesh Mukherjee joined on 17th Nov 2025 as Associate Professor
**Dr. Sumanta Sarkar worked till November 2025 before being transferred to NBMC.
***Dr. Shyamapada Dan, Tutor of the department worked till July 2025, then joined DM (Neurology) course at NIMHANS availing study leave as MTTR

Senior Medical officers (in Ramrikdas Harlalka Hospital, IPGMER Annex 4)

Dr. Goutam Das, MD, DPM, DM (Neuro)
Dr. Saumen Bhat, DCH, MD, DM(Neuro)

Consultant Neurologist (On Contractual Service)

Dr. Deep Das, MD, DM (Neuro)

Neurogenetic Unit:

Dr. Anindita Joardar	MSc, PhD	Assistant Professor
Mr. Sarnava Roy	MSc	Research Officer

Medical officers

Name	Degree	Posting
Dr. Bijan Kumar Samajpati	MBBS	Medical Officer, in Neuro Emergency
Dr. Malay Das	MBBS	Medical Officer, in Neuro Emergency
Dr. Chandan Burman	MBBS	Medical Officer, in Neuro Emergency
Dr. Kuhu Diwanjee	MBBS	Medical Officer, Medical Record Section

Medical Technologists (Neuro-electrophysiology)

Mr. Kanailal Mondal, DNEP Ms. Susmita Mondal, DNEP Mr. Preetam Chandra, DNEP Ms. Taniya Sardar, DNEP Mr. Toton Ghosh, DNEP	Ms. Saroni Ghosh, DNEP Mr. Barun Nandi, DNEP Mr. Amrita Roy Chowdhury, DNEP Ms. Kamalika Chakraborty, DNEP	Ms. Madhumita Paul, DNEP Mr. Sumit Sarkar, DNEP Ms. Shazli Sanobar, DNEP Mr. Saurav Mondal, DNEP

Senior Residents (Post-DM)

	Name	Degree
1	Dr. Arpan Dutta	MD, DM

2	Dr. Subhadeep Gupta	MD, DM
3.	Dr. Debaleena Mukherjee (Completed 3 years tenure on 14/09/2025)	MD, DM
4.	Dr. Shambaditya Das (Completed 3 years tenure on 25/09/2025)	MD, DM
5.	Dr. Uddalok Chakraborty	MD, DM
6.	Dr. Aishee Bhattacharya	MD, DM
7.	Dr. Dwipayan Bhattacharya	MD, DM
8.	Dr. Sujoy Kabiraj (joined back after completing post-doctoral Fellowship at NIMHANS on 04/08/2025)	MD, DM
9.	Dr. Arindam Santra	MD, DM
10.	Dr. Chayan Mondal	MD, DM
11.	Dr. Soumozit Banerjee	MD, DM
12.	Dr. Debarup Das	MD, DM
13.	Dr. Ayon Ghorai	MD, DM

Postdoctoral trainees (DM Neuromedicine)

3rd Year DM residents	**2nd Year DM Residents**	**1st Year DM Residents**
Dr. Joydeep Ghosh	Dr. Kaushik Karmakar	Dr. Anamika Nath
Dr. Sanchali Chakroborty	Dr. Subhajit Das	Dr. Debolina Kumar
Dr. Piyali Bhattacharya	Dr. Debtanu Banerjee	Dr. Arka Mandal
Dr. Pratik Dey	Dr. Rimjhim Basak	Dr. Bijita Karmakar
Dr. Subhra Sankar Sen	Dr. Swagata Sarkar	Dr. Paurush Kanti Dutta
Dr. Dipankar Pal	Dr. Madhurima Raj	Dr. Sayantan Das
Dr. Manali Chandra	Dr. Satyadip Sarkar	Dr. Shankar Dey
Dr. Santanu Sinha Mahapatra	Dr. Karimulla Mondal	Dr. Arnab Purkayastha
Dr. Samya Sengupta	Dr. Niladri Sekhar Mondal	Dr. Sreyashi Dutta
Dr. Soumyadeep Ghosh	Dr. Samik Ghosh	Dr. Alamgir Shaikh

Staff in Departmental Research Projects

SN	**Name**	**Designation**
1	Dr. Gargi Poddar	Senior Research Coordinator, ICMR project
2	Dr. Babuji Santra	Project Coordinator, ICMR project
3	Ms. Bidisha Bhattacharyya	Research Associate, DBT project
4	Ms. Piali Chatterjee	Study Coordinator, PAIR-PSP Project
5	Mr. Deepanjan Dutta	Research Assistant, ICMR project
6	Mr. Sourav Hazra	Data Entry Operator, ICMR project
7	Mr. Rafikul Islam Mollah	Project Assistant 1, ICMR project
8	Mr. Deep Subhra Ghosh	Research Scientist , ICMR Project
9.	Mr. SangramDas	Data entry Operator, ICMR Project
10	Ms. Tandra Sarkar	Scientist 2
11	Mr. Santu Sadhukhan	Project Technical support II

Departmental Academic activities for the year 2025

Regular Academic Activities

(a) Case presentation every week
(b) Electrophysiology class every week
(c) Journal Club twice a month
(d) Neuro-Radiology Discussion twice a month
(e) Grand Round every month

Conferences / Workshop/ CMEs organized by Department/ Faculty

1. Stroke intervention Workshop with Hands-on Training was organized by the Stroke Intervention Unit of the Department on 18th and 19th April 2025
2. Cognitive School CME – two CMEs on cognitive neurology were organized at the institute in 6 th April and 2nd May 2025
3. Two-day PDT-CME (for post-doctoral students) was organized by the Department on the theme of Movement disorders on14th and 15th June 2025
4. One day Hands on Workshop on Botulinum toxin was organized by the Movement Disorders Unit of the department on 10th August 2025
5. Caregivers Meet on World Alzheimer's Day at the department from Cognitive Clinic BIN on 20th September 2025
6. The 1st Annual Summit of the Cognitive Neurology Association was organized at Hotel Taj Taal Kutir on 15th and 16th November 2025. It was organized by Prof. Atanu Biswas as Organizing Secretary and Dr. Goutam Das as Treasurer.

Research Activity

Funded Research Projects

SN	Title	Funding	Duration	PI/Site-PI
1.	Study of polymorphisms in SCN1A and SCN2A genes in patients with epilepsy in Eastern India	DST, Govt. of West Bengal	Started in August 2022-25(Continuing)	PI: Alak Pandit
2.	Development of a skill-based neurocognitive testing protocol to assess cognition and diagnose dementia in the context of complex skills and low literacy	ICMR	July 2022-25 (Continuing)	Site-PI: Atanu Biswas
4.	Indian Multiple Sclerosis and allied Demyelinating disorder registry and research network	ICMR	Started in October 2021	PI: Biman K Ray Co-PI: Alak Pandit & Souvik Dubey
5.	HTA of National Stroke Care Registry Programme Development of Hospital Based Stroke Registries in different Regions of India	ICMR	Started in September 2021	PI: Biman K Ray
6.	Fever, hyperglycemia, swallowing and hypertension management in acute stroke; A cluster randomized controlled trial (Indian Quality Improvement in stroke Care Study	ICMR	Started in September 2018 (Phase I completed, Phase II is continuing)	Site-PI: Biman K. Ray
7.	Establishment of the Indian Stroke Clinical Trial Network (INSTRUCT)	ICMR	Started in April 2017 (Phase I completed, Phase II is continuing)	Site-PI: Biman K. Ray
8.	Development of a Telestroke Network to improve stroke care: A Quasi-experimental Study (TeStNet)	ICMR	Started in January 2024	PI: Biman K. Ray
9.	Dementia Science Program: Incidence/ Prevalence/ Risk analysis of Dementia and basic research thereof	DBT	2019-2025 (Continuing)	Site-PI: Atanu Biswas
10.	The Pan India Registry for PSP (PAIR-PSP): Parkinson Research Alliance of India (PRAI-Medgenome Initiative)	Michel J Fox Foundation	2024-2025	Site-PI: Atanu Biswas
11.	National Registry for Rare and Other Inherited Disorders	ICMR	2025-2027	Site-PI: Atanu Biswas

12.	A multicentre open label non inferior RCT in RRMS of Rituximab and conventional therapy and way forward precision medicine with RRMS endophenotypic classification: RITREC	ICMR	Started in December 2025 to till date	PI- Dr. Biman Kanti Ray SITE PI-Dr. Alak Pandit, Dr. Souvik Dubey, Dr. Peyalee Sarkar, Dr. Debarup Das
13.	Ocrelizumab	ROCHEE	Started in October 2025 to till date	PI- Dr. Biman Kanti Ray SITE PI- Dr. Peyalee Sarkar
14.	ENRICH-AF	Hamilton University	Started in March 2021 to till date	PI- Dr. Biman Kanti Ray
15.	AVERT DOSE	Florey Institute of Neuroscience and Mental Health	Started in February 2024 to till date	PI- Dr. Biman Kanti Ray SITE PI- Dr. Uddalak Chakraborty
16.	3D Bioprintable Hydrogel Implant Containing Engineered Cells for Long Term Treatment of Amyotrophic Lateral Sclerosis	ICMR	2024-2027	Co-PI Dr Joydeep Mukherjee
17.	Genetic Profiling and Biomarker Analysis of Frontotemporal Dementia and FTD Subtypes	CSRI, DST	2025-28	PI: Atanu Biswas Co-PI: Dr. Arijit Roy
18.	Genetic underpinnings of post-COVID neurological sequelae and cognitive impairment.	MRU of the Institute	2023-25	PI: Atanu Biswas

Dissertation Topics and Research work

- **Dementia**
  - Prevalence and outcome of unilateral spatial neglect in stroke survivors in a tertiary care institution – Dr. Pratik Roy
  - A cross-sectional study on assessment of impairment of social cognitive domain in patients with vascular cognitive impairment in a tertiary care center - Dr. Satyadip Sarkar

- **Stroke**
  - Spectrum of clinical presentation, neuro-imaging profile and outcome in first ever stroke patients with related large vessel significant intracranial atherosclerotic disease – Dr. Subhro Sankar Sen
  - Predictors of outcome and longitudinal follow up in patients of aneurysmal subarachnoid hemorrhage – an observational study in a tertiary care center of eastern India – Dr. Joydeep Ghosh
  - A study on spectrum of seizure in first ever acute stroke and development of post stroke epilepsy in a tertiary care center – Dr. Rimjhim Basak

- **Movement Disorders**
  - A study on MRI features of idiopathic Parkinson's disease, Parkinson's disease with mild cognitive impairment and Parkinson's disease dementia and to find out the radiological predictors of dementia in Parkinson's disease – Dr. Manali Chandra
  - A study on the spectrum of pediatric movement disorder- clinical, radiological, biochemical profile from a tertiary care teaching hospital – Dr. Sanchali Chakraborty
  - A study of clinical spectrum of dystonia in parkinsonism – Dr. Piyali Bhattacharya
  - Movement disorders after acute stroke-an observational study in a tertiary care center of Eastern India- Dr. Soumyadeep Ghosh
  - A study on spectrum of non-motor symptoms in isolated dystonia – Dr. Subhajit Das
  - Study on spectrum of movement disorder in acute demyelinating disorders in a tertiary care center from Eastern India – Dr. Kaushik Karmakar

- **Demyelinating disorders**
  - A study on types and predictors of relapse and progression of primary cns demyelination in a tertiary care hospital in Eastern India – Dr. Santanu Sinha Mahapatra
  - Clinico-radiological profile and predictors of outcome in seronegative autoimmune encephalitis-an observational study in a tertiary care center of Eastern India – Dr. Samya Sengupta

- **Neuromuscular**

- Clinical, electrophysiological profile and therapeutic outcome in acute, subacute and chronic axonal polyradiculoneuropathy in a tertiary care institute- Dr. Dipankar Pal
- A study on clinical, electrophysiological, serological profile and therapeutic outcome in immune mediated demyelinating polyradiculoneuropathies in a tertiary care center from Eastern India – Dr. Samik Ghosh

- **Miscellaneous**
  - Clinical spectrum of patients with Sub-acute Sclerosing Panencephalitis, a cross-sectional study from a tertiary care hospital of West Bengal – Dr. Soumyajit Banerjee

Activities of the Faculties/Residents

Prof. Atanu Biswas

1. Organized the 1st Annual Summit of Cognitive Neurology Association (CNA) between 15th and 16th November 2025 (Role: Organizing Secretary), delivered a talk entitled "Biological diagnosis of Alzheimer's Disease" and moderated one Panel Discussion.
2. Organized on behalf of Annals of Medical Science & Research, the institute journal one-day Workshop on Scientific Paper Writing on 6th September 2025 in the institute
3. Organized on behalf of the Movement Disorders Unit one-day Hands-on Workshop on Botulinum Toxin with EMG Guidance at the Institute on 10th August 2025
4. Participated the 32nd Annual Conference of the Indian Academy of Neurology (IANCON) held at Varanasi between October 29 to November 02, 2025 and delivered a talk in the scientific session entitled "Young-onset Alzheimer's disease" and chaired a session and judged one award session and one e-poster session.
5. Participated 18th Annual Conference of Indian Stroke Association held from 20th to 23rd March 2025 at Hotel Holiday Inn, Lucknow and delivered a talk entitled "White matter cognition" in the scientific session
6. Participated in the 9th Annual National Conference of the Movement Disorders Society of India (MDSICON 2025) will be held from 28th February – 02nd March 2025 at Hotel Taj Ganges, Varanasi and delivered a talk entitled "Cognitive and neuropsychiatric symptoms in PD: screening and management´ in the scientific session
7. Participated in AAIC Neuroscience Next 2025 - India Hybrid Hub held on 26th and 27th February 2025 at the India International Center (IIC), at Delhi and delivered a talk entitled "Executive Function and Dysexecutive Syndrome"
8. Participated as invited faculty in CREST Neuro-Conclave 2025, from January 9-12, 2025, at New Delhi and chaired a session
9. Participated as invited Faculty in the East Practical Neuro Update 2025 & Mid-Term National Neurosonology Meet 2025 held on 26th June and delivered a talk on "Treatable Dementia '

Prof. Biman Kanti Ray

1. Organized two-day PDT-CME (for post-doctoral students) in the Department on the theme of Movement disorders on14th and 15th June 2025
7. Organized Stroke intervention Workshop with Hands-on Training on 18th and 19th April 2025 on behalf of the Stroke Intervention Unit of the Department
2. Organised an EEG Workshop in April 2025
3. Organised Neuroimmunology Workshop in July 2025
4. Introduced new concept of Academic Continuum "Stroke Pathsala"
5. Participated as invited faculty in the **IANCON 2025 in Varanasi** in October 25 and delivered a talk in the CME entitled "Approach to Neuroinfection"
6. Participated as invited faculty in the **EZAPICON 2025 and** delivered a talk entitled "Imaging in CNS infection"
7. He acted as Examiner of DM Neurology Exam 2025 under WBUHS in March 2025

Professor Alok Pandit

1. Organized two-day PDT-CME (for post-doctoral students) in the Department on the theme of Movement disorders on14th and 15th June 2025
2. Organised an EEG Workshop in April 2025.
3. Organised Neuroimmunology Workshop in July 2025.

Dr. Arijit Roy, Associate Professor

1. Organised Hands-on workshop on Botulinum Toxin Injection with EMG guidance on 10thAugust 2025 in Bangur Institute of Neurosciences, IPGME&R, Kolkata
2. Participated in the **1st Annual Summit of Cognitive Neurology Association** between 15th and 16th November 2025.
3. Participated in East Zone Neuro PDT CME on 14-15 June 2025 in Kolkata.

Dr. Souvik Dubey, Associate Professor

1. Organized two-day PDT-CME (for post-doctoral students) in the Department on the theme of Movement disorders on14th and 15th June 2025
2. Organised EEG Workshop in April 2025.
3. Organised Neuroimmunology Workshop in July 2025.

Dr. Uma Sinharoy, Associate Professor

1. Chaired a session on, the two-day 5 th East Zone PDT-CME (for post-doctoral students) on 14th and 15th June 2025organized by the Department on the theme of Movement disorders.
2. Participated in the DBS Workshop in TNS CONGRESS 2025 in Kolkata with hands-on training.
3. Actively participated in Cognitive School CME – two CMEs on cognitive neurology were organized at the institute in 6 th April and 2nd May 2025
4. Active participation in Caregivers Meet on World Alzheimer's Day at the department from Cognitive Clinic BIN on 20th September 2025
5. Participated in the 1st Annual Summit of the Cognitive Neurology Association was organized at Hotel Taj Taal Kutir on 15th and 16th November 2025 organized by Prof. Atanu Biswas as Organizing Secretary and Dr. Goutam Das as Treasurer.
6. Organised Epilepsy Awareness Program on 17th November 2025 in the Department and Delivered a talk on "Classification of seizures by ILAE 2025 revisited"
7. Organised "Sit and Draw "competition among paediatric patients with drug resistant epilepsy in the Epilepsy clinic BIN twice a year to promote epilepsy awareness and improve QOL.

Dr Joydeep Mukherjee, Assistant Professor

1. **Co-PI** in ICMR-funded research project - proposal Id "**IIRPSG-2024-01-00157**", titled "**3D Bioprintable Hydrogel Implant Containing Engineered Cells for Long Term Treatment of Amyotrophic Lateral Sclerosis**".
2. Organised Hands-on workshop on Botulinum Toxin Injection with EMG guidance on 10thAugust 2025 in Bangur Institute of Neurosciences, IPGME&R, Kolkata
3. Active participation in Dementia care givers' meet on 20thSeptember 2025 in Bangur Institute of Neurosciences, IPGME&R, Kolkata
4. Actively participated in Cognitive School CME – two CMEs on cognitive neurology were organized at the institute in 6 th April and 2nd May 2025
5. Participated in East Zone Neuro PDT CME on 14-15 June 2025 in Kolkata
6. Participated in 1st Cognitive Neurology Association Annual Summit on 14-16thNovember 2025 in Kolkata
7. Participated in Artificial Intelligence in Healthcare Hand-on Class on 23rdNovember 2025 in Kolkata
8. Participated in FINE Sleep & Delirium conference on 28-30th November 2025 in Pune

Dr Jayanta Ghosal, Assistant Professor
Conference attended:

1. East Zone Neuro PDT CME on 14-15 June 2025 in Kolkata
2. 1st Cognitive Neurology Association Annual Summit on 14-16th November 2025 in Kolkata
3. FINE Sleep & Delirium conference on 28-30th November 2025 in Pune

Dr Sumit Kumar Sarkar, Assistant Professor
Conference attended:

1. Chaired a session in East Zone Neuro PDT CME 14-15 June 2025, Kolkata.

Dr Gautam Das, Senior Specialist Medical Officer (Neurologist)

1. Organized the **1st Annual Summit of Cognitive Neurology Association** between 15th and 16th November 2025.
2. Organized Cognitive School CME – two CMEs on cognitive neurology were organized at the institute in 6th April and 2nd May 2025
3. Active participation in Dementia care givers' meet on 20thSeptember 2025 in Bangur Institute of Neurosciences, IPGME&R, Kolkata
4. Participated in East Zone Neuro PDT CME on 14-15 June 2025 in Kolkata
5. Participated in CREST Neuro-Conclave 2025, from January 9-12, 2025, at JW Marriott, New Delhi Aerocity.

Dr Saumen Bhat, Senior Specialist Medical Officer (Neurologist)

1. Organised Hands-on workshop on Botulinum Toxin Injection with EMG guidance on 10thAugust 2025 in Bangur Institute of Neurosciences, IPGME&R, Kolkata
2. Active participation in Dementia care givers' meet on 20thSeptember 2025 in Bangur Institute of Neurosciences, IPGME&R, Kolkata
3. Participated in East Zone Neuro PDT CME on 14-15 June 2025 in Kolkata
4. Participated in 1st Cognitive Neurology Association Annual Summit on 14-16thNovember 2025 in Kolkata

Dr. Samya Sengupta– 3rd year DM PDT, BIN
CME & Conference Contributions

- Quizmaster – 5thEast Zone Neuro PDT CME 2025. Served as Quizmaster for neurology postgraduate quiz. Role involved academic moderation, question framing, and live interaction
- Quizmaster – Bengal Cognitive School 2025. Conducted academic quiz sessions focused on cognition, behavior, and higher cortical functions
- Winner of First Prize in Poster Presentation in the 5thEast Zone Neuro PDT CME July, 2025. Topic aligned with clinical neurology / movement disorders

Dr Madhurima Raj, 2nd year PDT, BIN

- Presented a paper in platform session in the 5th East Zone PDT CME entitled "*the unruly dance*"

- Presented a case in the Stroke CME 2025 entitled "*A tale of bleeding brain- a Case of recurrent ICH*"

Dr. Rimjhim Basak, 2nd year PDT ,BIN

- Presented a poster in the Annual Conference of Indian Academy of Neurology (IANCON 2025) at Varanasi in November entitled "*A study on spectrum of seizure in first ever acute stroke & development of Post-stroke Epilepsy*"
- Presented a paper in platform session in the 5th East Zone PDT CME entitled"*Neuroacanthocytosis→"Playing beyond Tic-Tac-Toe*"
- Presented a case in CME in Demyelination entitled "*Stormy tale of refractory MOGAD*"
- Presented a case in Stroke CME entitled "*Moya Moya Disease + Hereditary spherocytosis →* "*Smokes & Spheres*"

Dr. Subhajit Das, 2nd Year PDT, BIN

- Presented a poster in the Annual conference of Movement Disorders Society of India (MDSICON 2025) at Varanasi in February 2025 entitled "*a study on restless legs syndrome in patients with chronic kidney disease*"
- Presented posters in the Annual Conference of Indian Academy of Neurology (IANCON 2025) at Varanasi in November entitled "*a study on spectrum of non-motor symptoms in isolated dystonia*"
- Presented a poster in the 5th East Zone PDT CME entitled "*Excessive laugh ! good or bad*"

Dr. Md. Karimulla Mondal, 2nd year PDT, BIN

- Presented posters in the Annual Conference of Indian Academy of Neurology (IANCON 2025) at Varanasi in November entitled "*A dance of missteps: Echoes of the cerebellum in the neuromuscular cleft "* and "*When the Worm Crawls North: A Rare Tale of Nerve and Gut*"
- Presented a poster in the Annual conference of Movement Disorders Society of India (MDSICON 2025) at Varanasi in February 2025 entitled "*Whispers of the Vanishing Mind: Unravelling the Rapid Dementia and Chorea in the Wake of Nutritional Deficits"*
- Presented a poster in the ICTRIMS 2025 (the annual meeting of Autoimmune Subsection of Indian Academy of Neurology) held at NIMHANS, Bengaluru entitled "*Beyond Antibodies: Decoding Seronegative LETM"*
- Presented a paper in platform session in the 5th East Zone PDT CME entitled "*Steps without symmetry*' and won the 1st Runner Up

Dr Niladri Sekhar Mandal ,2nd year PDT, BIN

- Presented a poster in the Annual Conference of Indian Academy of Neurology (IANCON 2025) at Varanasi in November entitled "*Spectrum of risk factors Clinical presentation, outcome in patients with Large Vessel Occlusion Causing Acute Ischemic stroke*"
- Presented a poster in the ICTRIMS 2025 (the annual meeting of Autoimmune Subsection of Indian Academy of Neurology) held at NIMHANS, Bengaluru entitled "*Echoes in deep Grey - T1 Shadows of a hidden Lupus mind"*

Dr. Swagata Sarkar, 2nd year PDT, BIN

- Presented a poster in the Annual Conference of Indian Academy of Neurology (IANCON 2025) at Varanasi in November entitled "*spectrum of CNS tuberculosis- the role of clinicoradiological and therapeutic factors in outcome variability- a prospective observational study in a tertiary care center in eastern India"*

Dr. Kousik Karmakar, 2nd year PDT ,BIN

- Winner of Quiz Competition, at 1st Annual Summit of the Cognitive Neurology Association (CNA) 2025 in November 2025
- 2nd Runner Up in the platform presentation in East Zone PDT CME 2025 entitled "*Carpe diem- Seizing the day & treating it"*
- 1st Runner Up in the Quiz competition in East Zone PDT CME, 2025
- 2nd Runner Up in the Quiz competition Bengal cognitive school 2025
- Presented a poster in the Annual Conference of Indian Academy of Neurology (IANCON 2025) at Varanasi in November Poster presentation, IANCON 2025 entitled "*A study on spectrum of movement disorder in acute demyelinating disorders in a tertiary care center from eastern INDIA"*
- Presented a poster in the 1st Annual Summit of the Cognitive Neurology Association (CNA) 2025 in November 2025 entitled "*Spell-Bound"*

Dr. Debtanu Banerjee, 2nd year PDT, BIN

- Presented a paper in the platform session in the Annual Conference of Indian Academy of Neurology (IANCON 2025) at Varanasi in November entitled "*A study on clinical, radiological and electrophysiological spectrum of neurological manifestations of symptomatic Sjogren patients in a tertiary care institute of Eastern India*"
- Presented a poster in the East Zone PDT CME, 2025 entitled "*A kinetic melody, postural tremor due to cerebellar outflow tract lesion*"

Dr. Samik Ghosh, 2nd Year PDT, BIN

- Winner of Dr. B. C. Roy Gold Medal in the Award paper competition in Annual Conference of Association of Neuroscientists of Eastern India (ANEICON 2025) held in Dibrugarh entitled "*A study on comparison of Clinical, Electrophysiological Profiles And Therapeutic Outcomes of cases admitted With Immune Mediated Sensory Ataxia In An Eastern Indian Tertiary Care Center*"
- Winner of the Quiz competition in Annual Conference of Association of Neuroscientists of Eastern India (ANEICON 2025) held in Dibrugarh
- Winner of the E-Poster entitled "*Working out the Wobble*", in East Zone Neuro PDT CME 2025

- Winner of Quiz Competition, at 1st Annual Summit of the Cognitive Neurology Association (CNA) 2025 in November 2025
- 1st Runner Up, Quiz, East Zone Neuro PDT CME 2025
- 2nd Runner Up, Immunoblast Quiz at ICTRIMS 2025(the annual meeting of Autoimmune Subsection of Indian Academy of Neurology) held at NIMHANS, Bengaluru
- 2nd Runner Up of Quiz Competition of Bengal Cognitive School, 2025
- Winner of the Quiz Competition at CME on 'Greater than Stroke' 2024
- Presented a paper in the platform session in the Annual Conference of Indian Academy of Neurology (IANCON 2025) at Varanasi in November entitled *"Balancing out the Odds"*
- Presented a E-Poster at the Monsoon Summit 2025, Kerala Association of Neurologists(KAN) titled "*A case series on Sensory Ataxia*"
- First author, Chapter - Clinical Clues and Syndromic Approach in Infections of the Nervous System, Book - IAN Reviews in Neurology 2025- Infections of the Nervous System. (p23-40). Jaypee Brothers[Ghosh, S., Mukherjee, D & Ray, B. (2025). Clinical Clues and Syndromic Approach in Infections of the Nervous System. IAN Reviews in Neurology 2025- Infections of the Nervous System. (p23-40). Jaypee Brothers]

Dr. Satyadip Sarkar, 2nd Year, DM PDT

- Recipient of **AAIC 2026 Full Fellowship**, including complimentary AAIC registration, round-trip international travel, and accommodation (London, UK), Awarded by the Alzheimer's Association. The award includes **complimentary ISTAART student/postdoctoral membership** (valid until June 2027), Awarded by the Alzheimer's Association.
- Winner in the Lightening presentation in the 1st Annual Summit of the Cognitive Neurology Association (CNA) 2025 in November 2025 entitled *'The overlooked dimension -a study on social cognitive impairment in VCI"*.
- Winner of the Quiz Competition, at 1st Annual Summit of the Cognitive Neurology Association (CNA) 2025 in November 2025
- Winner, Platform presentation, East Zone Neuro PDT CME 2025 entitled *'The Jumping Jack - ambiguous choreography of dying brain'*
- 1st Runner Up, Quiz, East Zone Neuro PDT CME 2025
- 2nd Runner Up, Immunoblast Quiz at ICTRIMS 2025(the annual meeting of Autoimmune Subsection of Indian Academy of Neurology) held at NIMHANS, Bengaluru
- 2nd Runner Up of Quiz Competition of Bengal Cognitive School, 2025
- Presented a poster in the Annual Conference of Indian Academy of Neurology (IANCON 2025) at Varanasi in November entitled *'Cognition beyond dementia- conundrum of white matter cognition'*
- Presented a E-Poster at the Monsoon Summit 2025, Kerala Association of Neurologists(KAN) entitled *'who is the real culprit-a case of suspected atypical SSPE'*
- Presented a case at the Bengal Cognitive School held in January 2025 entitled *'what the mind doesn't know, eyes cannot see'*
- Presented a case at the Bengal cognitive school, May 2025 entitled *'navigating a maze with invisible walls'*
- Winner of the Quiz Competition at CME on 'Greater than Stroke' 2024.

Poster presentation done by first year DM Neurology Residents in ANEICON, November 2025

1. Propiospinal myoclonus in a child with brainstem stroke- Bijita Karmakar
2. A rare case of Mitochondrial Neuro-gastrointestinal encephalo-myopathy- Sreyashi Dutta
3. A Case Series of Sporadic Creutzfeldt–Jakob Disease: Oppenheimer, Classic MM1, and Cortical Variants — Clinical Spectrum and Diagnostic Correlation- Alamgir Seikh
4. A care series of neuroborreliosis- Sayantan Das
5. Parvovirus B19 associated Focal Anterior Horn Cell Myelitis Presenting as Unilateral Upper Limb Weakness- A Cluster study from Eastern India – Dr Arnab Purakayasta

Publications

1. Chakrabarti A, Biswas A, Dawn M, Mukherjee S, Das S, Mukherjee S, Roy I, Saha A, Ray K, Chakraborty I. Pesticide exposure associated with mild cognitive impairment & depression among agricultural workers: Case control study in rural India. Indian J Med Res. 2025 Sep;162(3):404-413. doi: 10.25259/IJMR_1661_2024. PMID: 41296574.
2. GBD 2023 Disease and Injury and Risk Factor Collaborators. Burden of 375 diseases and injuries, risk-attributable burden of 88 risk factors, and healthy life expectancy in 204 countries and territories, including 660 subnational locations, 1990-2023: a systematic analysis for the Global Burden of Disease Study 2023. Lancet. 2025 Oct 18;406(10513):1873-1922. doi: 10.1016/S0140-6736(25)01637-X. Epub 2025 Oct 12. PMID: 41092926; PMCID: PMC12535840.
3. GBD 2023 Causes of Death Collaborators. Global burden of 292 causes of death in 204 countries and territories and 660 subnational locations, 1990-2023: a systematic analysis for the Global Burden of Disease Study 2023. Lancet. 2025 Oct 18;406(10513):1811-1872. doi: 10.1016/S0140-6736(25)01917-8. Epub 2025 Oct 12. PMID: 41092928; PMCID: PMC12535838.
4. GBD 2021 Headache Collaborators. Electronic address: yonkkang@gmail.com; Wijeratne T, Oh J, Kim S, Yim Y, Kim MS, Biswas A, et al. Global, regional, and national burden of headache disorders, 1990-2021, with forecasts to 2050: A Global Burden of Disease study 2021. Cell Rep Med. 2025 Oct 21;6(10):102348. doi: 10.1016/j.xcrm.2025.102348. Epub 2025 Sep 18. PMID: 40972580; PMCID: PMC12629824.

5. Datta AK, Mukherjee A, Biswas A. Diamond Sign in Calpainopathy. JAMA Neurol. 2025 Sep 15. doi: 10.1001/jamaneurol.2025.3395. Epub ahead of print. PMID: 40952715.
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8. Biswas, A. Success of anti-amyloid therapy answers few but raises many questions. Annals of Medical Science & Research 4(1):p 1-3, January-April 2025. | DOI: 10.4103/amsr.amsr_10_25
9. Chakraborty AP, Mukherjee A, Sinharoy U, Chakrabarty M, Sengupta M, Chowdhury J, Biswas A. Motor and Non-motor Neurologic Symptoms of Wilson's Disease: Exploring the Associations. Ann Indian Acad Neurol. 2025 Jan 1;28(1):66-71. doi: 10.4103/aian.aian_503_24. Epub 2025 Feb 6. PMID: 39915970; PMCID: PMC11892975.
10. Sen S, Chakraborty U, Das S, Ray BK, Biswas A. Wall Imaging in Patients Presenting with First Ever Stroke with Intracranial Atherosclerotic disease (ICAD) (P6-14.005). Neurology. April 8, 2025 issue104 (7_Supplement_1) 2955.
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12. Sadhukhan D, Karmakar A, Mukherjee J, Sen B, Ghosh KC, Gupta S, Biswas A. A Clinical Case of Primary Dystonia and Hypoceruloplasminemia Caused by Digenic Mutations in GNAO1 and CP Gene from Eastern India. IJCMCR. 2025; 50 (3).;1.
13. Chakraborty S, Mukherjee J, Chakraborty O. Neonatal hyperbilirubinemia in Eastern India: A comprehensive analysis of risk factors. Asian Journal of Medical Sciences. 2025 Nov 30;16(12):49-53.
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22. Chatterjee S, Ghosh R, Das S, Sengupta S, Mukherjee D, Pandit A, Bhattacharjee R, Benito-León J, Dubey S. Acute hand dystonia and action myoclonus unveiling diabetic striatopathy: The critical role of hyperglycemia. J R Coll Physicians Edinb. 2025 Jun;55(2):98-101. doi: 10.1177/14782715251332317. Epub 2025 Apr 1. PMID: 40167128.
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SERVICE INFORMATION

Out-patient Service

Attendance at OPD

Month and Year	New patients	Old patients	Total patient
November 2024	19571	4571	24142
December 2024	18308	4835	23143
January 2025	19052	4495	23547
February 2025	19448	4245	23693
March 2025	14946	3246	18192
April 2025	19049	4804	23853
May 2025	19701	5038	24739
June 2025	18464	5071	23535
July 2025	22218	5289	27507
August 2025	20832	5090	25922
September 2025	20278	5342	25620
October 2025	20297	4705	25002
November	19325	4387	23712

Special Clinic Service in the period between December 2024 and October 2025

CLINIC	Consultant in charge	New	Old
EPILEPSY CLINIC (Monday)	Dr. Uma Sinharoy	146	1886
MOVEMENT DISORDER CLINIC (Tuesday)	Dr. Arijit Roy	160	929
NEURO GENETICS CLINIC (Tuesday)	Dr. Jayanta Ghosal	61	211

STROKE CLINIC (Wednesday)	Prof. Biman Kanti Ray	12	170
COGNITIVE CLINIC (Thursday)	Prof. Atanu Biswas	87	489
NEURO MUSCULAR CLINIC (1st, 3rd, 5th Thursday)	Prof. Alak Pandit	185	1130
PERIPHERAL NEUROPATHY CLINIC (2nd and 4th Thursday)	Prof. Alak Pandit	106	423
NEURO INFECTIOUS CLINIC (2nd and 4th Thursday)	Prof. Alak Pandit	72	137
NEURO IMMUNOLOGY CLINIC (Friday)	Prof. Biman Kanti Ray	203	1574
BOTULINUM TOXIN CLINIC (Friday)	Dr. Arijit Roy	166	1154

In-patient Service
Total Admission-(Male-908, Female- 741, Child-149)

Month and Year	Male	Female	Child	Total
December 2024	95	74	20	189
January 2025	100	76	14	190
February 2025	99	65	12	176
March 2025	105	67	11	183
April 2025	86	68	17	171
May 2025	104	65	18	187
June 2025	85	66	16	167
July 2025	93	92	14	199
August 2025	99	82	17	198
September 2025	98	70	18	186
October 2025	89	73	18	180
November 2025	38	29	4	71

Varieties of neurological diseases admitted in the period at BIN

1.	Stroke	279
2.	Metabolic Encephalopathy	206
3.	Degenerative dementia	83
4.	Movement Disorder	81
5.	Infections	198
6.	Demyelination	245
7.	Spinal Cord Disease	124
8.	Neuromuscular Junction Disorder	79
9.	Peripheral Neuropathy	128
10.	Muscle Disease	67
11.	AHC disease	67
12.	Epilepsy	115
13.	Optic Neuritis	95
14.	Cranial nerve palsy	72
15.	Autoimmune encephalitis	83
16.	Miscellaneous	208

RAMRIKDAS HARALALKA HOSPITAL ADMISSION STATISTICS DEC 2024-NOV2025

MALE

Month	Admission	Discharge	Death	DORB	LAMA	TRANSFER IN	TRANSFER OUT
Dec 2024	32	16	11	1	1	32	31
Jan 2025	29	28	13			40	27
Feb 2025	26	18	9		4	37	28
Mar 2025	32	25	17		1	43	33
Apr 2025	40	31	14		4	41	29
May 2025	46	25	13		2	32	33
Jun 2025	35	27	11			25	22
Jul 2025	23	28	7		1	34	22
Aug 2025	37	17	24		2	41	33
Sep 2025	29	20	7			28	31

Oct 2025	31	19	14			42	39
Nov 2025	31	17	16		1	36	33

FEMALE

Month	Admission	Discharge	Death	DORB	LAMA	TRANSFER IN	TRANSFER OUT
Dec 2024	26	13	14		3	23	30
Jan 2025	31	18	6		4	28	32
Feb 2025	40	16	8		1	20	30
Mar 2025	34	18	12		7	29	32
Apr 2025	38	25	12		0	17	27
May 2025	39	30	13		4	26	28
Jun 2025	26	19	7		0	11	30
Jul 2025	34	25	11		1	23	28
Aug 2025	31	30	4		2	28	10
Sep 2025	30	24	5		1	19	13
Oct 2025	29	24	6		4	21	8
Nov 2025	27	4	3		2	24	

HASU Ward

Month	Total (TBT)	Unit I)	Unit II	Death	Transferred Out	LAMA
Dec 2024	114	56	58	17	97	
Jan 2025	109	55	64	21	88	
Feb 2025	91	48	43	17	74	
Mar 2025	94	50	44	7	41	
Apr 2025	106	50	56	22	84	
May 2025	97	50	47	7	90	
Jun 2025	104	50	54	12	92	
Jul 2025	116	59	57	12	104	
Aug 2025	115	59	56	15	98	2
Sep 2025	108	50	8	18	90	
Oct 2025	120	65	55	20	100	
Nov 2025	121	50	71	7	114	0

Electrophysiology Laboratory Performance

Month	EEG	VIDEO EEG	NCS	EMG	VEP	BAER	RNST	BLINK REFLEX	SSEP	TOTAL
Dec 2024	721	6	934	193	296	184	31	5	2	2372
Jan 2025	803	8	909	187	331	191	51	6	3	2489
Feb 2025	761	4	957	195	294	192	54	6	2	2465
Mar 2025	798	5	937	201	341	191	40	7	3	2523
Apr 2025	719	4	1024	187	305	151	36	9	5	2440
May 2025	711	7	1034	219	336	217	39	5	4	2572
Jun 2025	759	6	977	203	349	259	35	4	3	2695
Jul 2025	801	5	1065	211	365	273	37	8	6	2771
Aug 2025	785	7	995	207	311	256	42	6	3	2612
Sep 2025	693	4	831	193	293	237	36	3	2	2292
Oct 2025	515	NA	539	145	217	187	34	2	1	1630
Nov 2025	544	0	769	135	300	156	29	10	1	1944

Performance of Cath-Lab between December 2024 and November 2025

- Total diagnostic DSA performed: 296
- Total therapeutic endovascular procedures done:
- Total aneurysm coiling: 72
- Carotid Stenting: 28
- Mechanical thrombectomy:3
- AVM: 11
- Flow diversion: 3

Other Services

(a) Tele Brain stroke Management under Swasthya Ingit is running as a priority.
(b) HASU (Hyper Acute Stroke Unit) providing comprehensive service to acute stroke patients
(c) 15 bedded Day Care service at OPD Building
(d) Stroke step-down ward at Kolkata Police Hospital and
(e) Stroke Follow-up clinic at Kolkata Police Hospital

Report of NEUROGENETIC UNIT

(December 2024 to November 2025

- Number of patients (including new patients as well as patients who came for review) in the genetic clinic –320
- Number of patients for whom the following diagnostic tests were done in the Genetic Laboratory – 80

The following tests were conducted routinely in the Neurogenetic laboratory

Muscle Diseases
Duchene's Muscular Dystrophy
Becker's Muscular Dystrophy
Myotonic Dystrophy-I
Spinal Muscular Atrophy
Movement Disorders
Huntington's Disease
Autosomal Dominant Ataxia; SCA1, SCA2, SCA3, SCA6, SCA8, SCA12, DRPLA
Autosomal Recessive Ataxia; Friedreich's Ataxia

Genetic Counselling of 320 patients were done. It is conducted for the adult patients, their family members and to guardians in case of minors regarding their marriage, conceiving another issue, psychological assistance, affection of their children etc.; depending upon the pattern of inheritance – Autosomal Dominant, Autosomal Recessive, X-linked or mitochondrial inheritance.

Ongoing Projects

1. Study of polymorphisms in SCN1A and SCN2A genes in patients with epilepsy in Eastern India. Three-year project with a budget of 22,20,000.00; started in Aug., 2022.
2. Genetic underpinnings of post-COVID neurological sequelae and cognitive impairment. Two-year project with a budget of 3,00,000.00 started in Aug., 2023

Report of PHYSIOTHERAPY UNIT of BIN

Total number of Patients in Physiotherapy Unit, BIN from December 2024-November 2025

Month	OPD	Indoor (Neuromedicine)	Indoor (Neurosurgery)	ICU + HDU
Dec 2024	794	515	308	278
Jan 2025	886	503	317	204
Feb 2025	773	572	322	271
Mar 2025	876	555	346	218
Apr 2025	813	496	315	255
May 2025	818	518	331	231
Jun 2025	822	545	321	209
Jul 2025	804	542	326	246
Aug 2025	786	533	317	233
Sep 2025	878	586	333	248
Oct 2025	836	574	346	262
Nov 2025	873	576	336	286

Bangur Institute of Neurosciences
Neurosurgery

FACULTY AND SENIOR RESIDENTS

Dr. Subhasis Ghosh	MBBS MS MCh	Professor and Head
Dr. Shantanu Ghosh	MBBS MS MCh	Professor
Dr. Shahid Iftekhar Siddique	MBBS MS MCh	Associate Professor
Dr. Gitanjali Dutta	MBBS MCh	Associate Professor
Dr. Sri Krishna Majhi	MBBS MCh	Associate Professor
Dr. Shubhamitra Chaudhuri	MBBS MS MCh	Associate Professor
Dr. Sibaji Dasgupta	MBBS MS MCh	Assistant Professor
Dr. Priyaranjan Mondal	MBBS MS MCh	Senior Resident
Dr. Arijit Ghosh	MBBS MS MCh	Senior Resident
Dr. Sanjib Haldar	MBBS MS MCh	Senior Resident
Dr. Nitish Agarwal	MBBS MS MCh, DNB	Senior Resident
Dr. Mayank Chakraborty	MBBS MS MCh	Senior Resident
Dr. Ankan Ghosh	MBBS MS MCh	Senior resident
Dr. Dhiraj Haldar	MBBS MS DrNB	Senior resident

Postdoctoral Trainees (MCh Residents; 8 per year till 2019, 10 residents per year from 2020)

2022-2025	2023-2026	2024-2027
Dr. Bismoy Mondal Dr. Arunava Choudhari Dr. Krishnendu Mondal Dr. Sreya Kesari Dr. Chandan Dubey Dr. Soumyadipta Chakraborty Dr. Md Aamir Sohail Dr. Sumit Arora Dr. Om Prakash Bharti	Dr. Ayush Keshav Singhal Dr. Debanjan Mukherjee Dr. Shouvik Das Dr. Syed Md Sharique Dr. Swarnarka Ghosh Dr. Tirtha Raj Manna Dr. Hiranmoy Biswas Dr. Dildeep Saini Dr. Jitendra Yadav Dr. Bikash Chandra Pal	Dr. Debargha Dey Dr. Rohit Darjee Dr. Risheen Mukherjee Dr. Sudipto Mukherjee Dr. Sai Nandan Reddy Dr. Sougata Ghosh Dr. Punit Sharma Dr. Anik Guha Dr. Bibhu Prasad Sahoo

FACULTY NEWS

PROF. (DR.) SUBHASIS GHOSH

Publications

1. Sharma B, Chatterjee A, Ghosh S, Ghosh A. Comparison of diagnostic accuracy of frame-based vs frameless stereotactic brain biopsy in patients with deep-seated brain lesion in Eastern India. NeuroQuantology. 2025;23(1).
2. Ghosh S, Chaudhuri S, Nayak RK, Suman SK, Ghosh A. Prospective observational study on uses of intraoperative ultrasound in neurosurgery. NeuroQuantology. 2025;23(1).
3. Jaiswal RK, Chaudhuri S, Ghosh S. Quality of life in spinal cord injury patients in Eastern India. NeuroQuantology. 2024;22(2):156-165.
4. Mishra D, Ghosh S, Chaudhuri S. Clinical characterization of post-surgical outcomes and associated risk factors of lipomyelomeningocele in Eastern India. Asian J Med Sci. 2024;16(4).
5. Ghosh Ankan, Dasgupta S, Datta G, Sadique SI, Majhi S, Chaudhuri S, Tiwari V, Sharma B, Nayak R, Ghosh S, Yangi K, Bozkurt I, Chaurasia B. (2025). Surgical Management of Atypical Scheuermann's Disease with Spinal Cord Compression: Reporting a Rare Case and Literature Review Case Report. Asian Journal of Neurosurgery. 10.1055/s-0045-1813219.
6. Ghosh A, Majhi S, Choudhuri S, Ghosh S. Prospective Observational Study Of Intracranial And Spinal Ependymomas With Special Reference To Immunohistochemical Markers In Relation To Short Term Prognosis. Int J Acad Med Pharm 2025; 7 (3); 56-61.

2. PROF. (DR.) SHANTANU GHOSH

Publications

1. Sarkar S, Ghosh S. Chronic Subdural Haematomas of Unusual Origin – Experience of a Tertiary Neurosurgery Centre. Journal of Cardiovascular Disease Research. 2023;14(5):1118-21.
2. Sarkar S, Ghosh S, Sinha N. A Comparative Study between Two Types of Materials Used for Duraplasty. Journal of Cardiovascular Disease Research. 2023;14(9):1343-6.

3. DR. SHAHID IFTEKHAR SADIQUE

Publications

1. Singh P, Sadique SI, Setia T. Clinicopathological study of meningiomas and non-meningothelial mesenchymal dural-based lesions. NeuroQuantology. 2025 Feb;23(1):160–169.
2. Sadique SI, Bapun Nayak, Dutta G. Spinal epidermoid cysts: A case series of 10 patients over a decade. International Journal of Science and Research, volume 14, Issue 2, Feb 2025. DOI: https://dx.doi.org/10.21275/MR25202211354.
3. Sadique SI, Varun Tiwari. Demographic profile of traumatic spine injuries at a level-1 trauma centre of eastern India: A retrospective study. Indian Journal of Neurotrauma. 2024 December.
4. Singhal AK, Sadique S, Agarwal N. A rare case of intraspinal penetrating rubber bullet injury causing thecal sac tear: Surgical extraction with neurological recovery. J Inj Acute Care. 2025;1:7. doi: 10.25259/JOIAC_7_2025.

4. DR. GITANJALI DATTA

Publications

1. Gitanjali Dutta, Kaushal Nayak, Bipin Chaurasia, Ismail Bozkurt MD. Choroid Glioma of Right Lateral Ventricle in Young Male: A case report. Annals of Medicine and Surgery, Vol 87, No 4, April 2025.
2. Sadique SI, Bapun Nayak, Dutta G. Spinal epidermoid cysts: A case series of 10 patients over a decade. International Journal of Science and Research, volume 14, Issue 2, Feb 2025. DOI: https://dx.doi.org/10.21275/MR25202211354
3. Ghosh Ankan, Dasgupta S, Datta G, Sadique SI, Majhi S, Chaudhuri S, Tiwari V, Sharma B, Nayak R, Ghosh S, Yangi K, Bozkurt I, Chaurasia B. (2025). Surgical Management of Atypical Scheuermann's Disease with Spinal Cord Compression: Reporting a Rare Case and Literature Review Case Report. Asian Journal of Neurosurgery. 10.1055/s-0045-1813219.

5. DR. SRI KRISHNA MAJHI

Publications

1. Majhi S, Bhunia S, Das S, Mondal S. Clinico-radiological study of diffuse axonal injury and outcome analysis after management. J Compr Health. 2023;11(1):22–6.
2. Majhi S, Das S, Ghosh S, Banerjee S. Post-decompressive craniectomy hydrocephalus in TBI patients: A tertiary care centre experience. Glob J Res Anal. 2021;10(2):1–3.
3. Ghosh Ankan, Dasgupta S, Datta G, Sadique SI, Majhi S, Chaudhuri S, Tiwari V, Sharma B, Nayak R, Ghosh S, Yangi K, Bozkurt I, Chaurasia B. (2025). Surgical Management of Atypical Scheuermann's Disease with Spinal Cord Compression: Reporting a Rare Case and Literature Review Case Report. Asian Journal of Neurosurgery. 10.1055/s-0045-1813219.
4. Ghosh A, Majhi S, Choudhuri S, Ghosh S. Prospective Observational Study Of Intracranial And Spinal Ependymomas With Special Reference To Immunohistochemical Markers In Relation To Short Term Prognosis. Int J Acad Med Pharm 2025; 7 (3); 56-61.

6. DR. SHUBHAMITRA CHAUDHURI

Publications

1. Ghosh S, Chaudhuri S, Nayak RK, Suman SK, Ghosh A. Prospective observational study on uses of intraoperative ultrasound in neurosurgery. NeuroQuantology. 2025;23(1).
2. Nayak KK, Chaudhuri S. Calcified chronic subdural hematoma with subacute presentation: A case report. Int J Sci Res. 2025 Jan;14(1).
3. Jaiswal RK, Chaudhuri S, Ghosh S. Quality of life in spinal cord injury patients in Eastern India. NeuroQuantology. 2024;22(2):156-165.
4. Mishra D, Ghosh S, Chaudhuri S. Clinical characterization of post-surgical outcomes and associated risk factors of lipomyelomeningocele in Eastern India. Asian J Med Sci. 2024;16(4).
5. Yadav RK, Chaudhuri S, Sundara S, Multani PB. Distal vertebral artery pseudoaneurysm coiling using dual microcatheter "handshake" technique – A surgical challenge. J Neurosci Rural Pract. 2024;15:162-4.
6. Ghosh Ankan, Dasgupta S, Datta G, Sadique SI, Majhi S, Chaudhuri S, Tiwari V, Sharma B, Nayak R, Ghosh S, Yangi K, Bozkurt I, Chaurasia B. (2025). Surgical Management of Atypical Scheuermann's Disease with Spinal Cord Compression: Reporting a Rare Case and Literature Review Case Report. Asian Journal of Neurosurgery. 10.1055/s-0045-1813219.
7. Ghosh A, Majhi S, Choudhuri S, Ghosh S. Prospective Observational Study Of Intracranial And Spinal Ependymomas With Special Reference To Immunohistochemical Markers In Relation To Short Term Prognosis. Int J Acad Med Pharm 2025; 7 (3); 56-61.

7. DR. SIBAJI DASGUPTA

Publications

1. Dixit R, Sadique SI, Dutta G, Dasgupta S. A comparative and prospective study of surgical outcomes of cervical artificial disc versus anterior cervical discectomy and fusion in the treatment of symptomatic degenerative disc disease of cervical spine. Asian J Med Sci. 2023;14(12):146–153.
2. Saha A, Dutta G, Sadique SI, Dasgupta S. Endoscopic third ventriculostomy versus ventriculoperitoneal shunt in patients of hydrocephalus in eastern India: A prospective observational study. Asian J Med Sci. 2023;14(12):138–145.
3. Saha A, Dasgupta S. Cervical intradural extramedullary chaotic lipoma in an elderly patient: A rare case report. Asian J Med Sci. 2023;14(12):260–262.

Dr. Arijit Ghosh

Publications

- Programmable ventriculoperitoneal shunt outcomes of Normal pressure hydrocephalus: A case series of 10 patients.
- Prospective observational study of intracranial and spinal ependymomas with special; reference to immunohistochemical markers in relation to short term prognosis, 2025.

Dr. Sanjib Haldar

Publications

- Clinicopathological Prospective Observational Study of Pediatric Intracranial and Spinal Astrocytic Tumors with Special Reference to the Role of BRAF-V600E and IDH-1 Mutation.

Dr. Nitish Agarwal

Publications

- Cytological features in pilomyxoid astrocytoma: A case report with summary of prior published cases.

Dr Ankan Ghosh

Publications

- Surgical management of atypical scheuermann's disease with spinal cord compression; reporting a rare case and review case report. Asian J. Neurosurg. 2025.
- Comparison of diagnostic accuracy of frame-based vs frameless stereotactic brain biopsy in patients with deep-seated brain lesion in Eastern India. NeuroQuantology. 2025.
- Comparison of diagnostic accuracy of frame-based vs frameless stereotactic brain biopsy in patients with deep-seated brain lesion in Eastern India. NeuroQuantology. 2025.

Publications by PDTs

- Dr. Ayush Keshav Singhal - A rare case of intraspinal penetrating rubber bullet injury causing thecal sac tear: Surgical extraction with neurological recovery. J Inj Acute Care. 2025.
- Dr. Jitendra Yadav - Transarterial Balloon-Assisted Embolization of a Superior Cerebellar Artery Pial Arteriovenous Fistula: A Case Report and Review of Literature.

REGULAR ACADEMIC ACTIVITY

- Journal Club (Mondays 8:30 am to 9:30 am)
- Neuroradiology Seminar (Thursdays 8:30 am to 9:30 am)
- Clinical Meeting (Saturdays 8:30 am to 10:30 am)
- Seminars with 3 presenters, one of each year (3rd and 4th Saturdays 2 pm onwards)
- Monthly Audit and Mortality Statistical Review (1st Saturday 2 pm onwards)
- Operative Neurosurgery Meet (3rd Saturday 8:30 am to 9:30 am)

3rd year PDT thesis topics

PDT	Guide / Co-Guide	Topic
Dr. Krishnendu Mondal	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	Curative endovascular embolization of cerebral vascular malformation – a prospective observational study.
Dr. Bismoy Mondal	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	Comparison of natural (pericranium) versus synthetic (DURAGEL / LYOPLANT) materials for dural reconstruction following craniotomy – a prospective observational study.
Dr. Arunava Choudhuri	Dr. Gitanjali Datta Dr. Sibaji Dasgupta	A clinical study of posterior cranial fossa tumors in pediatric age group.
Dr. Sreya Kesari	Dr. Shahid Iftekhar Sadique Dr. Uttara Chatterjee	A clinicopathological study of intracranial space occupying lesions with extracranial extension and skull lesions with intracranial extension.
Dr. Sumit Arora	Dr. Shahid Iftekhar Sadique Dr. Subhamitra Chaudhuri	A clinical observational study of large vascular meningiomas with or without embolization prior to surgery.
Dr. Om Prakash Bharti	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	Posterior fixation and posterolateral fusion versus interbody fusion for degenerative lumbar spondylolisthesis via conventional (open) approaches – a comparative study.
Dr. Md. Aamir Sohail	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	Comparison of cervical prosthetic disc with zero profile interbody cage based fusion for single level cervical degenerative disc diseases – a prospective observational study.
Dr. Chandan Dubey	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	a prospective observational study of programmable ventriculoperitoneal shunt (VPS) for management of pediatric hydrocephalus.
Dr. Soumyadipta Chakraborty	Dr. Gitanjali Datta Dr. Sibaji Dasgupta	Prospective study on the interventional approaches and functional consequences in subaxial cervical spine injuries with anterior decompression and fusion in a tertiary care hospital.

2nd Year PDT Thesis Topics

PDT	Guide / Co-Guide	Topic
Dr. Ayush Keshav Singhal	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	A Comparative Study of Accuracy and ease of screw placement in C1C2 anomalies using free hand technique versus O arm neuronavigation.
Dr. Debanjan Mukherjee	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	A comparative study of conservative management versus intra cavitary catheter based thrombolytic agent therapy in hypertensive basal ganglia hematomas with significant mass effect.
Dr. Shouvik Das	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	BOLD fMRI mapping of language areas in recovering patients of post traumatic brain injury speech disorders.
Dr. Syed Md Sharique	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	Paroxysmal sympathetic overactivity - incidence and prognostic factors in patients with moderate and severe TBI.
Dr. Swarnaka Ghosh	Dr. Subhasis Ghosh Dr. Subhamitra Chaudhuri	A comparative study of Laminoplasty versus Laminectomy and lateral mass fixation for multiple level degenerative cervical spine compressive myelopathy.
Dr. Tirtha Raj Manna	Dr. Shahid Iftekhar Sadique Dr. Sibaji Dasgupta	Clinical presentation; surgical management and outcomes in complex neurofibromatosis - an institute based observational study.
Dr. Hiranmoy Biswas	Dr. Gitanjali Datta Dr. Sibaji Dasgupta	Comparative outcomes of surgical and conservative management of Hirayama Disease.
Dr. Dildeep Saini	Dr. Shahid Iftekhar Sadique Dr Rajat Chaudhuri	Epidemiological study of head trauma in level 1 trauma centre in Eastern India.
Dr. Jitendra Yadav	Dr. Gitanjali Datta Dr. Sibaji Dasgupta	Comparative study of postoperative outcomes of conventional vs neuronavigation guided surgery for atlantoaxial dislocation in a tertiary care centre.
Dr. Bikash Chandra Pal	Dr. Sibaji Dasgupta Dr. Shahid Iftekhar Sadique	Clinical outcome of microvascular microdecompression in trigeminal neuralgia; an observational study in tertiary care hospital.

1st Year PDT Thesis Topics

PDT	Guide / Co-Guide	Topic
Dr. Debargha Dey	Prof. Dr. Shantanu Ghosh Dr. Subhamitra Chaudhuri	Correlation Between Hypertension and Location or Multiplicity of Intracranial Aneurysms
Dr. Rohit Darjee	Dr. Subhamitra Chaudhuri Prof. Dr. Shantanu Ghosh	Predicting Outcomes in Diffuse Traumatic Brain Injury in Adult Head Trauma: Imaging Versus Clinical Severity Indices.
Dr. Risheen Mukherjee	Dr. Gitanjali Datta Dr. Sibaji Dasgupta	A Prospective Study on Surgical Outcomes Following Microvascular Decompression in Trigeminal Neuralgia in a Tertiary Care Centre in Eastern India.
Dr. Sudipto Mukherjee	Dr. Subhamitra Chaudhari Dr. Prof. Shantanu Ghosh	Exploring the role of early Vs late tracheostomy in ventilator dependent postoperative neurosurgical patients.
Dr. Sainandan Reddy	Dr. Subhamitra Chaudhuri Prof. Dr. Shantanu Ghosh	Prospective observational study of management of 3rd ventricular colloid cyst.
Dr. Sougata Ghosh	Dr. Gitanjali Datta	Post-Traumatic Hydrocephalus: Incidence and Management Following Decompressive Craniectomy in Traumatic Brain Injury Patients at a Tertiary Care Centre in Eastern India.
Dr. Punit Sharma	Dr. Shahid Iftekhar Sadique Dr. Sibaji Dasgupta Dr. Soumik Das	Impact of Intraoperative Ultrasound-Guided Resection of Supratentorial Glioma on Clinical and Radiological Outcomes: A Randomized Controlled Trial.
Dr. Anik Guha	Dr. Shahid Iftekhar Sadique Dr. Rajat Chaudhuri	An Epidemiological Analysis with Demographic Profile and Outcome Analysis of Patients with Spinal Injuries in a Level-1 Trauma Care Centre in Eastern India.
Dr. Bibhu Prasad Sahoo	Prof. Dr. Shantanu Ghosh Dr. Subhamitra Chaudhuri	Role Of Flow Diverter in the management of large and Giant Intracranial Aneurysm; An Institutional experience.

Ongoing research projects:

- TTRIS - Trauma Triage Study - In Collaboration with Karolinska Institute Sweden – PI Prof. Subhasis Ghosh and Prof. M. L. Saha; Co Investigator Dr. Subhamitra Chaudhuri (recently concluded-now in data analysis phase).
- Implementation Of AMSP In Various Tertiary Care Hospital In India: ICMR Funded, PI: Dr Raja Roy & Dr A. Kundu, Co PI Prof Subhasis Ghosh.

Presentations:

WORLD CONGRESS OF NEUROSURGRY 2025: DUBAI

- **Dr Ankan Ghosh –** Presented Role of Immunohistochemical Markers in Predicting Short Term Prognosis of Intracranial and Spinal Ependymomas

ANEICON 2025: DIBRUGARH

- **Dr. Ayush Keshav Singhal -** Paper presentation on Feasibility of Optic Nerve Sheath Diameter as a Surrogate Marker for ICP in Supratentorial Lesions, poster presentation on a Rare Case of Intraspinal Penetrating Rubber Bullet Injury Causing Thecal Sac Tear: Surgical Extraction with Neurological Recovery.

NSICON 2025: INDORE

- **Dr. Ayush Keshav Singhal –** Paper presentation on rare and unusual complications of VP Shunt, poster presentation on Radiation Induced Meningioma - Case Based Commentary.
- **Dr Tirtha Raj Manna -** A prospective observational study on curative Endovascular embolization: Evaluating its effectiveness in treatment of cerebral vascular malformations.
- **Dr Jitendra Yadav -** Paper presentation- Endovascular vs Microsurgical Clipping of Intracranial Aneurysms: Outcomes in a Resource-Limited Setting, poster presentation on Radiomics in Meningioma and Glioma: Predicting Grade Before the Biopsy.

ASICON 2025: KOLKATA

- **Dr. Ayush Keshav Singhal -** Special Lecture on NeuroEndoscopy.

NEURONEXUS 2025: KALYANI

- **Dr Bikash Chandra Pal –** Paper presentation on Microvascular Decompression in Trigeminal Neuralgia- Retrospective Insight from a Tertiary Center in Eastern India.
- **Swarnarka Ghosh –** Paper presentation on Vertebral Artery Aneurysm – a case report in Tertiary Care Centre of Eastern India and an Observational Study of Various Cranio-orbital Pathological Lesions Causing Unilateral Proptosis and Their Surgical Approaches and Management.
- **Dr Jitendra Yadav -** Paper presentation on endoscopic resection of third ventricular lesions - surgical technique, outcomes and complications, poster on Ectopic Pituitary Adenoma - A Case Report in Tertiary Centre in Eastern India.

YNFCON 2025: NEW DELHI

- **Dr Tirtha Raj Manna –** Paper presentation on A comparative study on the intraoperative application of papaverine soaked gelfoam on exposed cerebral vessels during aneurysm clipping: Evaluating its Role in preventing postoperative vasospasm, poster presentation on 3D IN SPINE: A Case series of 3 cases of intramedullary dermoid cysts of dorsal spinal cord causing disability and Evaluation of postoperative outcomes and its Impact on quality of life in 50 patients with spinal intradural tumors.

SERVICE INFORMATION

Services provided

- Neurosurgery OPD Monday to Saturday every week at BIN (currently running at CI Block Premises).
- Neurosurgery OT 1 and 2 Monday to Saturday at BIN.
- Daily Neurosurgery Elective as well as emergency OT at SSKM Main TCC OT Complex.
- 24x7x365 BIN Emergency and Emergency Admission Services at Level 1 Trauma care center/ NCB/ Alex/ CCU.
- Round the clock Emergency Operations at TCC OT Complex.

Services Summary (01/12/2025 to 30/11/2025)

OPD attendance (new tickets only)	68764
Admissions in BIN	1324
Major operations in BIN	1420
Minor operations in BIN	192
Diagnostic DSA in BIN	180
Endovascular neuro-interventions (Aneurysm coiling / AVM embolization) in BIN	73
Total operations in BIN (major + minor + diagnostic DSA + Endovascular intervention)	1865
Admissions in SSKM hospital (NCB, Pediatrics, CCU)	1105
Operations SSKM done at TCC OT	1635
Operations SSKM hospital – (spine cases of NCB done at TCC OT)	196
Total operations SSKM hospital	1831
Trauma care center admission	2007
Trauma care center emergency cranial cases	1528
Trauma care center emergency spine cases	204
Total admissions neurosurgery department BIN and SSKM Hospital	4436
Total operations neurosurgery department BIN and SSKM hospital	3696

Biochemistry

FACULTY

Name & Qualifications	Designation
Prof. (Dr.) Mousumi Mukhopadhyay, MD	Professor and Head
Prof. (Dr.) Pinaki Sarkar, MD	Professor
Dr. Koushik Mondal, MD	Associate Professor
Dr. Jayati Roy Choudhury, MD	Assistant Professor
Dr. Arghya Ray Chaudhuri, MD	Assistant Professor

SENIOR RESIDENTS

Name & Qualifications
Dr. Susmita Mitra (MD)
Dr. Sibasis Ghosh (MD)
Dr. Rima Rudra (MD)
Dr. Sebanti Chakraborty (MD)

POSTGRADUATE TRAINEES

Session 2022-25	**Session 2023-26**	**Session 2024-27**
Dr. Meenakshi Chatterjee Dr. Sudipta Malik Dr. Saikat Barik Dr. Arijit Roy	Dr. Debalina Rakshit Dr. Debolina Ghoshal Dr. Debemita Laishram Dr. Maksudar Rahaman Dr. Swati Kundu Dr. Aridam De	Dr. Ankan De Dr. Mamun Ul Islam Dr. Rima Biswas Dr. Sayanti Majumder Dr. Arpan Roy Choudhury

MEDICAL TECHNOLOGISTS

1. Biplab Sarkar 2. Sudeshna Das 3. Aditya Mukherjee 4. Kamalesh Pandey 5. Ujjal Patra	6. Kakali Chakrabarti 7. Prabhat Jana 8. Ipsita Mitra 9. Sajjad Hossain 10. Utsav Mallick	11. Koushik Roy 12. Asish Samai 13. Anjana Pal 14. Sanjib Manna

NON-TEACHING STAFF

Parboti Devi	Group D staff
Satbir Balmiki	Sweeper
Suku Mallick	Sweeper

TRANSFERS, POSTINGS AND SUPERANNUATIONS

- Dr. Sibasis Ghosh SR completed SR ship and released on 17.07.25.
- Dr. Rima Rudra SR completed SR ship and released on 17.07.25.
- Dr. Sebanti Chakrabarty SR, completed SR ship and released on 17.07.25.

ACADEMIC ACTIVITY

- Theory and practical classes, SGT, for MBBS, MD, DMLT, BPT, DOTT BSc Nursing classes.
- Thesis/dissertation of MD students.
- Post graduate seminar & journal club.
- Journal club
- Institutional/ University Exam conduction as per rule

Training/Conference/ Workshop Attended:

- CME entitled 'Bio-critics: Markers and Management at BSMCH on 28th Feb 2024
- BIORAD India 9th Hemoglobin update2024 on 17th April
- GCLP training at CNMC on 24th May 2024
- Awareness training on ISO 15189:2022 at Burdwan Medical College on 28, 29th June,2024
- CME & workshop entitled ' Learn to read the story of ANA from Microscopy to Blotting' at BSMCH on 10th July 2024
- Training on Six Sigma Yellow Belt & Certification at TATA MEDICAL CENTRE on 10th August 2024
- Annual State Chapter Conference AMBICON 2024 at HHI, Kolkata 0n 7th and 8th September 2024
- Hopecon 2025 at ITC Royal Bengal on 27th to 29th June 2025.(Faculty invited as Resource Person)
- CME Decoding Diagnostics –The Evolution of Clinical chemistry –Navigating Accuracy ,precision and Bias at College of Medicine & Sagore Dutta Hospital on 25th April 2025 (Faculty invited as Resource person)
- BMC CON at Burdwan on 21st-23rd November 2025.
- CME on RIQAS (Randox International Quality Assessment Scheme) for External testing and Acusera for Internal Controls(IQC) at JW MARRIOT on 10th November.
- Capillary Electrophoresis and Immunotyping –East Zone Workshop at Suraksha Diagnostics Ltd Newtown Kolkata on 16-10-25(Faculty invited as Resource person)
- Interpretation of Capillary Electrophoresis Results –at HAYAT.

Publications of faculty members and students

- Bhattacharya A, Mukherjee K, Dasgupta A, Mallick D, Mukhopadhyay M, Finding order in measuring disorders: measurement uncertainty of thyroid function test at a tertiary care hospital in eastern India. Asian Jr of Medical Sciences. Vol 16 no 6 July 2025.
- Ghosh A, Choudhuri S, Mukhopadhyay M. Undeniable role of poor patient preparation in the generation of preanalytic errors in government run tertiary care hospital in eastern India : A pilot study. J Indian Med Assoc 2025; 123(9: 34-9)
- Kundu A, Sen B.K, Mukhopadhyay M. Exploring the link between prolactin and migraine: A cross-sectional study. Jr of Clinical and Diagnostic Research. 2025 Nov, Vol 19(11): OC21 – OC23
- Biswas Sohom, Sarkar Pinaki, Patra K.T: Epidemiology of Thyroid Diseases in Patients of Heart Failure in a Tertiary Care Hospital of Eastern India : s Cross-sectional study. Indian Journal of Clinical Cardiology.2025.
- Tarafdar D, Sen I, Koley S, Ray B, Sarkar P, Sil A, Ghosh A, Das NK. Effectiveness, Tolerability and Safety of Topical Clobetasol with Oral Hydroxychloroquine versus Topical Clobetasol with NBUVB Phototherapy in Unstable Vitiligo: Investigator Blind, Randomized Controlled Trial. Indian J Dermatol. 2025 Mar-Apr;70(2):115.

RESEARCH PROJECTS AND ACTIVITY:

1. Association of serum and urinary biomarkers with outcome of preeclampsia in patient attending a tertiary care hospital in Kolkata: An analytical study.
2. Study of serum biomarkers in early and recurrent breast cancer patients with particular reference to HER-2 receptor status in a tertiary care hospital in Kolkata.
3. Association of some biochemical markers (IL6, AntiNMDA Receptor Antibody, CRP, Ferritin) in responders and non-responders to treatment among schizophrenia patients.
4. Biochemical changes in patients of rheumatoid arthritis with anemia in IPGME&R, Kolkata.
5. Association of genetic variants of SNP (C677T) of MTHFR gene and other metabolic changes in MRI-negative epilepsy – A case-control study.
6. Association of genetic variants of SNP of ApoA5 gene with AMI in young adults attending tertiary care hospital in eastern India.
7. Determination of changes in blood levels of HsCRP and IL-6 in hospitalized female patients with CAD requiring re-vascularization - A descriptive, cross-sectional study.
8. Association of thyroid dysfunction and autoimmunity in women with PCOS in comparison to a reference group of non-PCOS women - A case-control study.
9. Association of serum inflammatory markers with autoantibody positive status of NMOSD patients: A cross-sectional study.

10. Changes in Lipid profile and Inflammatory markers and their relation with severity in dengue patients admitted in tertiary care hospitals – A hospital based observational study.
11. Changes in serum Brain derived neurotrophic factor levels with fluoxetine therapy in patients with major depressive disorder- An OPD based observational study.
12. Evaluation of fatty acid binding protein 4(FABP 4) in patients of diabetes mellitus (T2DM) with and without diabetic kidney disease.
13. To ascertain the role of level of serum fatty acid binding protein 4(FABP 4) in patients with and without gestational diabetes mellitus(GDM) and overall fetal health – A prospective case control study.
14. Study of insulin resistance, iron status and anemia in reproductive age group women(15-49years) with overweight and obesity.

Multicentric ICMR Project - ongoing

Prospective evaluation of Etiological factors, Trajectory of Co morbidities, Efficiency & safety of various therapeutic agents among Indian women with polycystic ovary syndrome (PCOS) – a Multicentric ICMR – PCOS cohort study phase - II. (Co – PI , Dr. Mousumi Mukhopadhyay)

SERVICE INFORMATION

Number of samples analyzed in 2025 by Autoanalyzer, semi autoanalyzer and ISE:

SN	Parameter	Count
1.	Glucose	1,37,982
2.	Creatinine	2,40,430
3.	Urea	2,27,746
4.	Total Bilirubin	1,98,465
5.	Direct Bilirubin	1,80,791
6.	Total Protein	1,51,032
7.	Albumin	1,69,951
8.	ALP	1,51,335
9.	SGOT	1,62,002
10.	SGPT	1,73,139
11.	Total Cholesterol	47,300
12.	TG	47,286
13.	Uric Acid	50,347
14.	Calcium	55,886
15.	Phosphate	45,224
16.	CPK	13,731
17.	HDL	42,846
18.	Magnesium	39,300
19.	TIBC	26,423
20.	Amylase	17,984
21.	Lipase	19,684
22.	Hb	25,340
23.	HbA1C	25,624
24.	LDH	27,377
25.	LDL Cholesterol	42,974
26.	Iron	26,843
27.	GGT	17,021
28.	Urine ACR	7,625

SN	Parameter	Count
29.	BUN	2,578
30.	fT3	143
31.	Na+	1,69,954
32.	K+	1,69,963
33.	Cl-	1,69,963
34.	24 h urinary protein	6,276
35.	CSF Sugar	3,825
36.	CSF Protein	3,825
37.	CSF Chloride	3,825
38.	Urine Osmolality	383
39.	Urine Calcium creatinine ratio	370
40.	NGRS	2,567
41.	Urine pH	716
42.	Bence Jonce protein	113
43.	Transferrin Saturation	573
44.	Urine for ketones	629
45.	ADA	2,541
46.	OGTT	1,211
47.	Urine for amylase	198
48.	Ascitic fluid analysis	4,361
49.	Pleural Fluid analysis	4,102
50.	Drain fluid analysis	1,560
51.	Serum Osmolarity	327
52.	CPKMB	4,141
53.	PCT	8,077
54.	NT-proBNP	4,749
55.	NMDA (IIFA)	380
56.	NMO-MOG (IIFA)	851

Number of samples analyzed in 2025 by Chemiluminescence method

SN	Parameter	Count
1.	FT4	50,479
2.	TSH	69,993
3.	LH	4,648
4.	FSH	5,373
5.	PRL	8,142
6.	CA 125	1,582
7.	CA 19.9	1,774
8.	CEA	1,777

SN	Parameter	Count
9.	CA 15.3	1,067
10.	AFP	1,306
11.	VIT B12	2,452
12.	PSA	3,005
13.	FERRITIN	15,875
14.	B-HCG	1,022
15.	SPEP (CE)	698

Total Count (Autoanalyzer, Semiautoanalyzer, ISE, Chemiluminescence): 31,09,082

Number of samples analyzed in 2025 at Trauma Care Centre

SN	Parameter	Count
1.	Glucose	2,025
2.	Creatinine	14,674
3.	Urea	13,820
4.	Total Bilirubin	13,053
5.	Direct Bilirubin	12,989
6.	Total Protein	13,009
7.	Albumin	13,136
8.	ALP	13,024
9.	SGOT	13,312
10.	SGPT	13,344
11.	Na+	13,634
12.	K+	13,634
13.	Cl-	13,634
14.	Calcium	3,245
15.	Uric Acid	2,878
16.	HDL	1,934
17.	LDL	1,936
18.	Cholesterol	2,081
19.	TG	2,093
20.	Phosphate	3,034
	TOTAL	1,80,489

Total Count (Autoanalyzer, ISE) : 1,80,489

Faculty members carry out delegated responsibilities as member of different institutional committee as and when required.

SPECIAL CONTRIBUTION

Providing technical support to the laboratories runs at

1. Shambhunath Pandit Hospital
2. Kidderpore Maternity Home (annex of SSKM Hospital),
3. Trauma Care Unit of SSKM Hospital.
4. Bangur Institute of Neurology
5. Kolkata Police Hospital

Community Medicine

FACULTY

Faculty	Qualifications	Designation
Prof. (Dr) Kuntala Ray	MD, PDGM, MBA, MHPE, PG DIP-ME, ACME	Professor and Head
Dr. Sinjita Dutta	MD, FAIMER fellow	Associate Professor
Dr. Somnath Naskar	MD	Associate Professor
Dr. Surajit Lahiri	MD, ACME	Associate Professor, RHTC-in-charge
Dr. Sreetama Chakrabarti	DGO, MD, DNB	Assistant Professor, UHTC-in-charge
Dr. Moumita Mandal	MD	Assistant Professor
Dr. Anindita Maiti	MD, PGDGM	Assistant Professor
Dr. Sribas Ray	MD	Demonstrator

Senior Residents

Dr. Aparajita Mondal	MD	Senior Resident
Mr. Kaushik Man	MSc (Statistics)	Statistician cum Senior Resident

Post Graduate Trainees

Session 2022-2025	Session 2023-2026	Session 2024-2027
Dr. Kalpana Gupta	Dr. Sayantani Bhunia	Dr. Prabuddha Goswami
Dr. Swapnojay Nath	Dr. Anindita Mondal	Dr. Sayantan Mukhuty
Dr. Najir Hosen Sarkar	Dr. Subhosri Saha	Dr. Suvankar Banerjee
Dr. Swapan Singh Sardar		Dr. Ratul Roy

Office Staff

Mr. Bijon Kumar Kar	LDC
Mr. Raju Shil	GDA

ACADEMIC ACTIVITY

1. Undergraduate Classes (MBBS Phase I, II and III part 1) : Theory and Practical classes are conducted regularly by all faculty members as per NMC norms CBME curriculum.
2. Postgraduate training:
   Classes are conducted by all faculty members as per NMC norms.

   PG thesis and short studies are guided by the faculty members (covering both urban and rural field practice area).

   Community survey by the PGTs under the supervision of the faculty.

   Family study and clinic-social case study by the PGTs under guidance of faculty.

3. Journal club and Seminars every week by the PGTs.
4. Awareness Campaign conducted by the dept. on "Menstrual Health Management (MHM)" on the occasion of observation of World Menstrual Hygiene Day (28th May) [26th, 27th and 28th May 2025] in the Urban Field Practice area and also In the OPD for the patients, Patients' relatives and also the community under UHTC.
5. Saswati Nandy Memorial intercollegiate UG Quiz Competition was organised by the dept. in collaboration with IAPSM WB chapter.
6. Awareness program on "One Health" was organised in November 2025 (03/11/25 and 18/11/25) in IPGME&R in collaboration with IAPSM, WB Chapter. It included a sensitization workshop for the staff of the organizations that are working in the hospital, an awareness rally by the students in and around the hospital campus for the patients and the community.

SERVICE INFORMATION (CLINICS, FIELDWORK)

1. OPD Services:
   The following OPD services are operated by the Dept. of Community Medicine:

   (i) General OPD: Five days a week (Monday to Friday) at first floor of New OPD building.
   (ii) Tobacco Cessation Center (TCC): Every Thursday at Kolkata Police Hospital.
   (iii) Well Baby Clinic (WBC): Every Wednesday at Khidirpur Maternity Hospital.

2. Health Camps:
   Health check-up camps in regular interval were organized in the urban field practice area under the UHTC at Chetla, Kolkata (UPHC at KMC Ward 81) and the rural field practice area under the RHTC (LB Dutta Memorial Hospital, Muchisha) at Budge Budge II block, South 24 Parganas.

3. Family Adoption Program (FAP):
   The department is actively moderating Family Adoption Program for the undergraduate medical students covering both rural and urban field practice area.

4. Services in the Rural and Urban Field Practice Area:
   Regular visit to the Rural field practice area and Urban field practice area by PGTs and interns under the supervision of RHTC in charge Dr. Surajit Lahiri and

   UHTC in charge Dr. Sreetama Chakraborty respectively.

   The PGTs and interns are posted in RHTC and UHTC in rotation to serve the community under the field practice areas.

5. Dengue Surveillance:
   Active Dengue Surveillance of IPGME&R and SSKM Hospital is being supervised by the Department of Community Medicine.

Publications

Recent Publications by faculty and residents of the department

1. Roy H, **Ray K**, and Parwe S. Does the 'cadaveric oath ceremony' embody proper AETCOM teaching? – A Kirkpatrick model analysis in Phase 1 MBBS Anatomy students. Al Ameen J Med Sci 2025; 18(4): 261-269.
2. Roy H, Rawekar A, **Ray K**. The Practice and Faculties' Perception of Challenges on Implementing AETCOM Session: A Mixed Method Study. JIMA 2025;123(1):50-56
3. **Ray K, Pattanayak S, Naskar S, Basu M.** Reproductive tract infections among geriatric population in a block of West Bengal: knowledge and risk behaviour assessment. Int J Public Health Sci.2025;14(4):1675-1685.
4. **Sarkar NH, Ray K,** Basu SS**, Gupta K,** Rashid M**, Basu M**. Infant and Young Child Feeding Practices and Their Association with Women's Autonomy: A Community Based Study in Rural West Bengal. Healthline. 2025;16(1): 35-44
5. Roy H, **Ray K**, and Parwe S. Introducing 'Directly Observed Non-Clinical Skill (DONCS)' in AETCOM assessment for Phase 1 MBBS students in Anatomy as a part of Anatomy Education Teaching Curriculum Outcome Mode. Int. J. LifeSci. Biotechnol. Pharma. Res. .2025;14(5):1039-1042 DOI:10.69605/ijlbpr_14.5.2025.178
6. **Lahiri S**, Bhattacharya T, Sarkar AP, Biswas A. Preferred learning styles and perception regarding present curriculum among MBBS students of a peripheral medical college in West Bengal, India. Indian J Public Health Res Dev. 2025;16(2):339–344.
7. **Lahiri S**, Choudhari S, Mukhopadhyay P, Sarkar M. Perceptions and Effect of Mentoring of MBBS Students in a Peripheral Medical College of West Bengal. Healthline. 2025;16(3):189-194
8. **Bhunia S, Lahiri S, Dey A, Mondal A, Mondal A, Basu M**. Uncovering gastro-esophageal reflux disease: Prevalence and risk factors among adults residing in a rural community of West Bengal. *Asian J Med Sci.* 2025;16(12):66–72.

9. **Dey A**, Paria B, **Mandal M**, **Mondal A**, Bhattacharyya A, **Basu M**. Facilitators and Barriers of Treatment Compliance among Type 2 Diabetes Mellitus Patients Attending the Diabetes Clinic of a Tertiary Care Hospital, Kolkata: A Mixed-Methods Study, Healthline 2024;15(4)
10. **Gupta K, Dutta S, Mandal M, Chakrabarti S,** Ratul RK. Nutritional Status and Dietary Diversity: A Community-based Assessment among Elderly Residents of Budge Budge II Block, West Bengal. International Journal of Applied and Basic Medical Research | Volume 15 | Issue 2 | April-June 2025
11. **Naskar S, Pattanayak S, Nath S, Gupta K, Sarkar NH, Sardar SS.** Nutritional Status and its Associated Factors Among Under-Five Children Attending the Well Baby Clinic of a Tertiary Care Institute of Kolkata, India. Healthline. 2025;16(1): 22-28
12. **Mondal A, Naskar S, Ray S, Basu M, Bhunia S, Gupta K.** Silent threat: Prevalence of obstructive sleep apnea and its risk factors among adults in a block of West Bengal. J Family Med Prim Care 2025;14:4803-8.
13. Agasty D, Biswas R, **Naskar S,** Chakraborty D, Khan PK, Deb AK, et al. Knowledge of HIV and condom use practices among female sex workers in West Bengal: Revisiting 2020 behavioural surveillance surveys. Indian J Public Health 2025;69:S27-31.
14. **Saha S, Chakrabarti S, Chakrabarti S, Naskar S, Basu M**. Implementation status and challenges of telemedicine service (specialists' consultation) for correctional homes in Kolkata: A mixed method study. Asian J Med Sci. 2025;16(8):1–7. doi:10.71152/ajms.v16i8.4585
15. **Dutta S, Pattanayak S, Ahamed A, Basu M**. Socio demographic and behavioral risk factors for cervical cancer, its awareness and preventive practices among reproductive age group women in a slum area of Kolkata. IMC J Med Sci. 2025; 19(1): 006.DOI:https://doi.org/10.55010/imcjms.19.006
16. **Dutta S, Chakrabarti S, Basu M, Manna S**. Challenges faced by community health officers and beneficiary satisfaction related to telemedicine services at health and wellness centers: A mixed-method study from a block of West Bengal. Indian J Community Med 0;0:0.
17. **Dutta S**, Mishra A, Shukla V, Singh A, **Basu M**, Goel S. Influence of social circumstances and health-care support on intention-to-quit tobacco among population aged 15–49 years in India: An analysis of National Family Health Survey-5 data. Indian J Public Health 2025;69:10-7.
18. **Pattanayak S**, **Dutta S, Basu M, Basu SS, Manna S**. A cross-sectional study on health behavior and quality of life among adults with non-communicable diseases in the urban field practice area of a teaching hospital, Kolkata. Malays Fam Physician. 2025 Feb 27;20:10. doi: 10.51866/oa.562. PMID: 40093922; PMCID: PMC11910309.
19. Banu H, Pramanick S, **Dutta S**, Bhattacharyya K and Raj HJ. Assessment of knowledge, attitude & practice of biomedical waste management among junior doctors during COVID-19 pandemic in a medical college & hospital of Eastern India. Al Ameen J Med Sci 2025; 18(3):198-206.
20. **Dutta S, Manna S**, Sengupta D. Perceived burden of care and its determinants: A Study Among Principal Caregivers of Refractory Epileptic Patients in a Tertiary Care Hospital of Kolkata. J Med Acad 2025; https://doi.org/10.5005/jp-journals-11003-0175
21. **Abhipsa Dey, Kuntala Ray**. Self-care practices and their predictors among type 2 diabetes mellitus patients attending the general outpatient department of a tertiary care hospital, Kolkata, West Bengal, India. Int J Health Sci Res. 2025; 15(11):222 230.
22. **Pattanayak S, Gupta K, Ray K, Saha S, Basu M**. Attitude, readiness and utilisation of artificial intelligence: a cross-sectional study among undergraduate medical students in a medical college, Kolkata. Int J Community Med Public Health 2025;12:3620-7.
23. **Rashid M, Ray K, Basu M**. Impact assessment of Rashtriya Bal Swasthya Karyakram (RBSK) on beneficiaries in a rural area of West Bengal: a mixed-methods study. Int J Health Sci Res. 2025; 15(12):122-129.

Faculty News

Prof. (Dr) Kuntala Ray, Professor and HOD

Academic activity

- Thesis Adjudicator for MD (Community Medicine) under WBUHS.
- MD Internal examiner (Community Medicine) at IPGME&R.
- MD External examiner at RMC, Kakinada, Andhra Pradesh
- External examiner in MBBS exam at Jorhat Medical College, Assam
- Internal examiner of the BPT course under WBUHS
- Internal examiner of Certificate Program for Community Health under WB Nursing Council
- Co-chairperson of 40th IAPSMWBCON at AIIMS Kalyani.
- Co-Judge in Dr. Manimoy Ganguly Memorial Award for Young Scientist in 40th IAPSMWBCON at AIIMS Kalyani
- Act as Judge in the 68th Foundation Day and the 16th Alumni of IPGME&R.
- Awarded a Master's degree in Master of Health Professional Educators (MHPE) under DMIMS Wardha NMC nodal centre

- Validation of Research Tools Research Tools M Sc (Nursing) students of the West Bengal University of Health Sciences
- Successfully organised workshop on 'Mixed Method Research' at IPGME&R
- Organised one-day workshop on Methods of data collection in Qualitative Research at IPGME&R.
- Attended review meeting of NRC mentors at Swasthya Bhavan
- Participated in HIV sensitization program organised by IHFW
- Nodal officer of UG & PG admission and Verification
- Act as observer in various UG and PG examinations under WBUHS
- Co-Guide for MBBS students' project on "Awareness, perceived challenges and solutions of ethical professional medical practices- a mixed method study amongst the doctors of a government medical college hospital", ongoing work, started from 2024

Clinical Activity

Serve as PI in a prospective, randomized, parallel, single-blind, two-arm, active-controlled, multicentre, phase IV clinical trial to evaluate the immunogenicity and safety of Measles, Mumps, and Rubella vaccine (Live) I.P.(Freeze Dried) in healthy infants aged 9-12 months

Training activity

- State Level sensitisation program under NPCCHH
- Facilitator of the RBCW program organised by MEU; IPGMER
- Facilitator of basic course in medical research organised by IPGMER for PGTs and PDTs.
- Guest lecturer at Jorhat Medical College, Assam, on 'Climate change and NPCCHH'

Professional and Institutional Membership

- Member of the Medical Education Unit (MEU) of IPGMER/SSKM.
- Nodal officer of undergraduate and postgraduate student admission of IPGMER
- Member of the Internal Complaint Committee of IPGMER

Reviewer

- Indian Journal of Public Health
- Journal of Comprehensive Health
- MGM Journal of Medical Sciences
- Indian Journal of Community Medicine
- Cureus Journal
- Health Science Report
- Al ameen Journal of medical sciences
- Annals of Medical Science & Research

Dr. Somnath Naskar, Associate Professor

Academic activity

- Regularly took UG & PG classes.
- Guided Family Health Surveys and Undergraduate Projects, students of perfusion technologies
- Visit Urban Health Training Centre (UHTC) and Rural Health Training Centre (RHTC) at regular intervals.
- Thesis Adjudicator for MD (Community Medicine) under WBUHS.
- External examiner of 3rd Professional Part 1 MBBS Examination at NRS Medical College, Kolkata
- Internal examiner of MD Community Medicine Examination at IPGMER, Kolkata
- Physician coder for MINErVA (Mortality in India Established through Verbal Autopsies.)
- Review of answer scripts of 3rd Professional MBBS Part 1.
- Review of answer scripts of MD Community Medicine.
- Organising Joint Secretary of WBIPHACON 2022, held on 25.06.2022, 26.06.2022.

Administrative activity

- Joint Director (Prevention) of West Bengal State AIDS Prevention and Control Society
- State Nodal Officer of Prison and OCS for HIV Intervention, West Bengal
- State Nodal Officer of Programmatic Mapping and Population Size Estimation for High Risk Groups for HIV
- In charge of Urban Health Training Centre at UPHC 81 till July 25

Meetings, conferences, CMEs, workshops and seminars attended

- Attended several National and Regional Review and Consultation meeting of NACO as Representative of WBSAP&CS
- Speaker at 65th WBIPHACON 2025 on 03.05.2025.
- Participated as resource person at 69th Annual National Conference of Indian Public Health Association at Belagavi on 7th, 8th and 9th April 2025.

- Acted as National Quiz Co-ordinator at 69th Annual National Conference of Indian Public Health Association at Kolkata on 7th, 8th and 9th April 2025.
- Acted as Post Graduate Quiz Co Ordinator at 40th Annual State Conference of Indian Association of Preventive and Social Medicine at AIIMS Kalyani on 22nd and 23rd September 2025
- Judged a Poster Presentation session at PERIZIA 2025.
- Chairperson of 2 sessions at 10th National Conference of Howrah Diabetes Study Society, 2025.

Clinical Activity
- Regularly attended OPD throughout the year almost on every Friday.
- Attended Well Baby Clinic

Training activity
Trainer (Facilitator)
- State Master Trainer for Bridge Population and Virtual Intervention for HIV.
- Senior Master Trainer for Core Group intervention for HIV

Professional and Institutional Membership
- Joint Secretary of Indian Public Health Association West Bengal Branch (IPHAWB).
- Member of Indian Association of Preventive and Social Medicine (IAPSM).
- State Council Member of Indian Medical Association
- Executive Committee Member of Diabetes Awareness and You (DAY)
- Secretary of Academy of Medical Speciality for Indian Medical Association, Howrah Branch
- Member of Research Society for Study of Diabetes in India
- Executive member of West Bengal Association of Sports Medicine
- Member of Rotary Club of Arunoday Howrah
- Member of Indian Red Cross
- Member of State Oversite Committee of Prison and OCS
- Member of State Community Resource Group
- Convenor of Joint Appraisal Committee of WBSAP&CS

Projects & Research
- PI of ICMR funded extramural project, titled: Crosstalk between miR-27a and Netrin-1 in the onset and progression of diabetic peripheral neuropathy.
- PI of a multicentric project entitled "Generation of Normative Reference Ranges for Serum Testosterone Measured Using LC-MS/MS Assays in Healthy Adult Indian Population."
- Co PI of a Multicentric study funded by CDC entitled "Burden and sequelae of influenza, SARSCo-V2 and other respiratory viruses associated Severe Acute Respiratory Infections among adult Indian population aged 18-60 years"
- Guide and Co-guide of MD (Community Medicine) students Dissertation and projects.
- Reviewer of Indian Journal of Public Health
- Reviewer of Indian Journal of Community Medicine.
- Reviewer of Medical Journal Armed Forces India
- Reviewer of MGM Journal of Medical Sciences
- Reviewer of Asian Journal of Medical Science.
- Assistant editor of Journal of Comprehensive Health
- Joint Editor of The ESRF Research Journal for Undergraduate Medical Students.

Dr. Sinjita Dutta, Associate Professor

Academic activity
- Approved PhD Supervisor/Co-Supervisor at Manipal Academy of Higher Education (MAHE)
- Thesis guide and co guide for MD (Community Medicine) under WBUHS
- Internal examiner of Third Prof Part 1 UG Examination of Community Medicine 2025 at IPGME&R, Kolkata
- Regularly took UG & PG classes, Family Health Surveys and Undergraduate Projects.
- Regularly took BPT and MSc Nursing classes.
- Visited Urban Health Training Centre (UHTC) and Rural Health Training Centre (RHTC) at regular intervals.
- Reviewer of Indian Journal of Public Health
- Reviewer of Chrismed Journal
- Validation of Research Tools Research Tools M Sc (Nursing) students of the West Bengal University of Health Sciences during the year.
- Thesis Adjudicator for MD (Community Medicine) under WBUHS.
- Organized World Breastfeeding Week 2022 on 03.08.2022 at RHTC, IPGMER.

Meetings, conferences, CMEs, workshops and seminars attended
- Attended IAPSMWBCON 20245 at AIIMS, Kalyani
- Attended 67th Foundation Day of IPGMER

Clinical Activity
- Nodal officer at Telemedicine Centre, IPGME&R, Kolkata.
- Regularly attended OPD throughout the year on every Monday.

Training activity
Trainer (Facilitator)
- Facilitator of Revised Basic Course Workshop (RBCW) at IPGMER.
- Trainer of Zoonotic diseases under National One Health Program for Prevention and Control of Zoonotic diseases.

Projects
- PI of ICMR funded project titled "Serological, Clinical, and Epidemiological Profile of human brucellosis and leptospirosis among rural population of a block of West Bengal and behavioural interventions for their control: a "one health" approach.
- Co-PI of project National One Health Programme for Prevention and Control of Zoonotic diseases

Professional and Institutional Membership
- Member Medical Education Unit IPGMER
- Treasurer of Indian Association of Preventive and Social Medicine
- Member of Indian Association of Public Health
- Nodal Officer Telemedicine Centre

Dr. Surajit Lahiri, Associate Professor

Academic activity
- Regularly took Undergraduate Family study and lecture classes.
- Post graduate classes
- Msc Nursing classes
- Participated in the observation of "One Health" in the month of November 2025

Conferences attended
- IAPSMWBCON 2025, AIIMS, Kalyani
- IPHACON 2025

Clinical activity
- Regularly attended GOPD on every Wednesday
- Regularly attended the Well Baby Clinic at Khidderpore Maternity Home
- Attended the Preventive Oncology and Tobacco Cessation Clinic at Kolkata Police Hospital

Other activities
- Acted as in-charge of RHTC of Community Medicine at L. B. Dutta Rural Hospital, Muchisa, Budge Budge-II Block, District-24 Parganas(south)
- Acted as Hostel Superintendent of MBBS New Boys hostel
- Acted as member of Anti-ragging committee
- Acted as member of library and canteen committee

Membership
- Life Member of IAPSM, IPHA.

Dr. Sreetama Chakrabarti, Assistant Professor

Academic activity
- Regularly took Undergraduate and Post Graduate Classes
- Took part in Internal Examinations, scrutinization in 3rd Prof Part I examination, Family Health Surveys & review of theory paper at WBUHS
- Took theory classes for BPCCHN and MSc Nursing & Validators of questionnaire for MSc Nursing
- Visited Urban Health Training Centre (UHTC) and Rural Health Training Centre (RHTC) at regular intervals.
- Worked as Guide and Co guide in various UG and PG research projects

Meetings, conferences, CMEs, workshops and seminars attended
- State conference of IAPSM and IPHA, Workshop on orange Software

Trainee
- Attended training on RI, U WIN portal, HIV sensitization program

Facilitator
- Workshop on qualitative research, Data collection technique

Membership

- Life Member of IAPSM, IPHA, Epidemiological Foundation of India, National Academy of Medical Sciences (MNAMS)

Clinical Activity

- Attended General OPD on every Thursday, Well baby clinic at Khidirpur Maternity Hospital & Tobacco cessation clinic at Kolkata Police Hospital regularly

Dr. Moumita Mandal, Assistant Professor

Academic activity:

- Conducted Undergraduate (MBBS) and Post graduate (MD) classes regularly (both theory and practical).
- Conducted theory classes for MSc Nursing and BSc Nursing students at IPGME&R.
- Supervised and acted as facilitator of Family Adoption Programme for phase 1, 2 and 3 MBBS students.
- Supervised undergraduate research project of two groups of 2nd Professional MBBS batch (December 2024-January 2025, March 2025-April 2025).
- Acted as Co-guide of Thesis and guide for short studies for MD Community Medicine students at IPGME&R.
- Took Elective class on "Tobacco cessation'' for a group of UG students.
- Empanelled as Board observer in WBJEEB.

Meetings, conferences, CMEs, workshops and seminars attended

- Attended training on RI at NRS Medical college.
- Attended WBIPHACON2025 (Annual conference of Indian Public Health Association, West Bengal State Branch)) on 3rd and 4th May 2025.
- Organized Workshop on Mixed Method Research Design at IPGME&R, Kolkata (14th February 2025).
- Acted as Resource faculty of Workshop on Methods of Data Collection (29th April 2025) at IPGME&R
- Attended a workshop on DATE ANALYSIS USING JAMOVI at College of Medicine and Sagore Dutta Hospital on 13th May 2025.
- Participated in 12th Annual Conference (Diabetes Update 2025) of Diabetes Research and Welfare Association on 15th May 2025 (12 CME credit hours by WBMC).
- Organized and acted as Resource person of Awareness Campaign on "Menstrual Health Management (MHM)" on the occasion of observation of World Menstrual Hygiene Day (28th May) [26th, 27th and 28th May 2025]
- Attended DRWA (Diabetes Research and Welfare Association) 12th Annual Conference on 31st May 2025 and 1st June 2025 at Biswa Bangla Convention Center, Kolkata.
- Organized Saswati Nandy Memorial intercollegiate UG Quiz Competition organized by IAPSMWBCON2025 in collaboration with Dept. of Community Medicine, IPGME&R, Kolkata.
- Attended IAPSMWBCON2025 at AIIMS Kalyani on 22nd and 23rd August 2025 (06 Credit hours by WBMC).
- Organized awareness program on "One Health" in November 2025 (03/11/25 and 18/11/25).

Clinical Activity

- Regularly attended OPD on every Friday.
- Attended Well Baby Clinic on scheduled Wednesdays at Khidirpur Maternity Hospital.
- Attended Tobacco cessation clinic at Kolkata Police Hospital as per schedule on scheduled Thursdays.
- Actively worked in Dengue surveillance at IPGME&R SSKM Hospital.

Professional and Institutional Membership

- Life Member of IAPSM, IPHA
- Member of RRC (Red Ribbon Club) IPGME&R, Kolkata.

Dr. Anindita Maiti, Assistant Professor

Academic Activity

- Conducted Undergraduate (MBBS) and Post graduate (MD) classes regularly. (both theory and practical).
- Conducted theory classes for MSc Nursing and BSc Nursing students at IPGME&R.
- Supervised and acted as facilitator of Family Adoption Programme for phase 1, 2 and 3 MBBS students.
- Supervised undergraduate research project of two groups of 2nd Professional MBBS batch (December 2024-January 2025, March 2025-April 2025).
- Acted as Co-guide of Thesis and guide for short studies for MD Community Medicine PGTs at IPGME&R.
- Took Elective on "Qualitative study to explore students' perspective on attending lecture classes" for a group of UG students.
- Examiner of 3rd Professional Part 1 MBBS examination under WBUHS.
- External examiner of 3rd Professional Part 1 MBBS examination, June 2025 (Practical) at Burdwan medical College in January 2025 and June 2025.

- External examiner for MBBS 3rd Professional Part 1 examination (practical) from 27th January to 31st January 2025 at ICARE institute of Medical Sciences and Research, Haldia (8th, 9th, 10th December 2025)
- Empanelled as Board observer in WBJEEB.
- Certified post-graduate teacher by the West Bengal University of Health Sciences (28th April 2025).
- Reviewer of theory paper 3rd Professional Part 1 MBBS examination (May 2025).

Meetings, conferences, CMEs, workshops and seminars attended
- Attended and chaired sessions in WBIPHACON2025 (Annual conference of Indian Public Health Association, West Bengal State Branch)) on 3rd and 4th May 2025.
- Acted as Resource faculty on sensitization workshop "Care for Rare: Together We Win" organized by IPGME&R, Kolkata in collaboration with Govt. of India.
- Organized Workshop on Mixed Method Research Design at IPGME&R, Kolkata (14th February 2025).
- Organised Caregiver Awareness Program on Rare Diseases (DMD, SMA) on 20th February 2025 at KPH (Annex of IPGME&R)
- Attended, and chaired sessions on National Conference of ISAI (Indian Society for Adult Immunization) 2025 (15th and 16th February 2025) at Science City, Kolkata.
- Acted as Resource faculty of Workshop on Methods of Data Collection (29th April 2025) at IPGME&R.
- Acted as external examiner for MBBS 3rd Professional Part 1 examination (practical) from 27th January to 31st January 2025 at Burdwan Medical College under WBUHS.
- Acted as Examiner in 3rd Professional part 1 MBBS examination, January- February 2025 (Theory) under WBUHS.
- Participated in 12th Annual Conference (Diabetes Update 2025) of Diabetes Research and Welfare Association on 15th May 2025 (12 CME credit hours by WBMC).
- Organized and acted as Resource person of Awareness Campaign on "Menstrual Health Management (MHM)" on the occasion of observation of World Menstrual Hygiene Day (28th May) [26th, 27th and 28th May 2025]
- Attended DRWA (Diabetes Research and Welfare Association) 12th Annual Conference on 31st May 2025 and 1st June 2025 at Biswa Bangla Convention Center, Kolkata.
- Attended South Kolkata Medical Conference (13th foundation day of IMA South Kolkata Branch) on 29th June 2025.
- Attended Physician-Specialist Crosstalk 2025 on 19.07.2025 organized by Kolkata Gastroenterologists Society (03 Credit hours by WBMC).
- Organized Saswati Nandy Memorial intercollegiate UG Quiz Competition organized by IAPSMWBCON2025 in collaboration with Dept. of Community Medicine, IPGME&R, Kolkata.
- Participated as Delegate in the Pre-conference workshop on 'Navigating the Ethical Landscape of AI in Manuscript Writing in Public Health" (04 Credit hours by WBMC) at ESI-PGIMSR & ESICMC, Joka in August 2025.
- Attended IAPSMWBCON2025 at AIIMS Kalyani on 22nd and 23rd August 2025 (06 Credit hours by WBMC).
- Participated as Delegate in workshop on 'Scientific Paper Writing' arranged by Annals of Medical Science and Research at IPGME&R, Kolkata (04 credit hours by WBMC) on 06.09.2025.
- Organized awareness program on "One Health" in November 2025 (03/11/25 and 18/11/25) in IPGME&R in collaboration with IAPSM, WB Chapter.
- Organized sensitization workshop on Rare Diseases at IPGME&R, Kolkata on 11th December 2025.

Clinical Activity
- Regularly attended OPD on every Wednesday.
- Attended Well Baby Clinic on scheduled Wednesdays at Khidirpur Maternity Hospital.
- Attended Tobacco cessation clinic at Kolkata Police Hospital as per schedule on scheduled Thursdays.
- Actively worked in Dengue surveillance at IPGME&R SSKM Hospital.

Professional and Institutional Membership
- Life Member of IAPSM, IPHA, IMA and ISAI
- Member of 'Technical cum Administrative Committee for Rare Diseases' at IPGME&R.
- Member of RRC (Red Ribbon Club) IPGME&R, Kolkata.

Reviewer
- Journal of Family Medicine and Primary Care
- Annals of Medical Science & Research

Dr. Sribas Ray, Demonstrator

Academic Activity
- Conducted Undergraduate (MBBS) and Post graduate (MD) classes regularly (both theory and practical).
- Conducted theory classes for BPT and BSc Nursing students at IPGME&R.
- Supervised and acted as facilitator of Family Adoption Programme for phase 1, 2 and 3 MBBS students.

- Supervised undergraduate research projects of Phase 2 MBBS students.
- Co-ordinator of Elective studies (Community Medicine) for MBBS Phase 3.

Clinical Activity
- Regularly attended OPD on every Tuesday
- Attended Well Baby Clinic on scheduled Wednesdays at Khidirpur Maternity Hospital.
- Attended Tobacco cessation clinic at Kolkata Police Hospital as per schedule on scheduled Thursdays.
- Actively worked in Dengue surveillance at IPGME&R SSKM Hospital.

Meetings, conferences, CMEs, workshops and seminars attended
- Attended WBIPHACON2025 (Annual conference of Indian Public Health Association, West Bengal State Branch)) on 3rd and 4th May 2025.
- Attended IAPSMWBCON

Professional and Institutional Membership
- Life Member of IAPSM and IPHA

Activities of Senior Residents

Dr. Aparajita Mondal (Senior Resident)

Academic activity
- Regularly took Undergraduate Family study and practical classes.
- Participated in the observation of "One Health Approach" on 03.11.2025 and 18.11.2025

Conferences attended:
- WBIPHACON 2025: Attended the conference and presented a paper
- IPHA Foundation Day: Attended

Clinical activity:
- Regularly attended OPD every Monday
- Regularly attended the Well Baby Clinic at Khidderpore Maternity Home Attended the Preventive Oncology and Tobacco Cessation Clinic at Kolkata Police Hospital

Professional and Institutional Membership:
- Life member of Indian Association of Preventive and Social Medicine (IAPSM)
- Life member of Indian Public Health Association.
- Life member of EFI (Epidemiological Foundation of India)

Koushik Man (Senior Resident cum Statistician):
- Regularly took UG and PG classes (Biostatistics).
- Helped the PGTs in the statistical analysis part of their thesis and short studies.

Activities of MD PGTs

Dr. Kalpana Gupta

a) Presented a free oral paper on 69th Foundation Day of IPGME&R, held in January 2025.
b) Presented research proposal under Dr. Dilip Mahalanabis Memorial Research Grant at WB-IPHACON 2025.
c) Oral paper presentation at WB-IPHACON 2025.
d) Presented Journal clubs, seminars and attended OPD duties as per schedule.
e) Published papers in indexed journals.
f) Took UG Phase-1,3 lecture classes.
g) Conducted Phase-3 FAP classes.
h) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide	Status
2022-2025	Perceptions and practices on health aspects of climate change among health personnel in a tertiary care hospital, Kolkata: A mixed-methods study	**Guide**- Prof. (Dr.) Kuntala Ray **Co-guide**- Dr. Soma Chakrabarti	**Accepted**

Dr. Swapnajoy Nath

a) Presented Journal clubs, seminars and attended OPD duties as per schedule.
b) Published papers in indexed journals.
c) Took UG (MBBS) lecture classes.

d) Conducted FAP classes, projects for MBBS UG students under the guidance of faculty.
e) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide	Status
2022-2025	A study on the seroprevalence of scrub typhus, its associated factors and related awareness among residents of selected Villages in a block of West Bengal	**Guide**- Dr. Sinjita Dutta **Co-guide**- Prof. (Dr.) Chitrita Chattopadhyay	**Accepted**

Dr. Najir Hosen Sarkar

a) Oral paper presentation at WB-IPHACON 2025.
b) Presented Journal clubs, seminars and attended OPD duties as per schedule.
c) Published papers in indexed journals.
d) Took UG (MBBS) lecture classes.
e) Conducted FAP classes, projects for MBBS UG students under the guidance of faculty.
f) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide	Status
2022-2025	Coverage, adherence and outcome of Tuberculosis Preventive Therapy among household contacts of adult tuberculosis patients: A mixed-methods study in Budge-Budge II Block, West Bengal	**Guide**- Dr. Somnath Naskar **Co-guide**- Prof. (Dr.) Mausumi Basu	**Accepted**

Dr. Swapan Singh Sardar

a) Oral paper presentation at WB-IPHACON 2025.
b) Presented Journal clubs, seminars and attended OPD duties as per schedule.
c) Published papers in indexed journals.
d) Took UG (MBBS) lecture classes.
e) Conducted FAP classes, projects for MBBS UG students under the guidance of faculty.
f) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide	Status
2022-2025	A study on common skin diseases and its risk factors among adults in a rural community of South 24 Parganas, West Bengal	**Guide**- Prof. (Dr.) Subhra Samujjwal Basu **Co- Guide-** Prof. (Dr.) Sanjay Kumar Saha Dr. Moumita Mandal	**Accepted**

Dr. Sayantani Bhunia

a) Presented poster at WB-IPHACON 2025 (Award received- 1st prize).
b) Presented free oral paper at WB-IPHACON 2025
c) Participated at quiz competition at IAPSMWBCON 2025
d) Presented seminars and attended OPD duties as per schedule.
e) Published papers in indexed journals.
f) Took UG Phase-3 lecture classes.
g) Conducted Phase-3 FAP classes.
h) Conducted student Projects for Phase-2 UG students.
i) Attended District residency posting as per schedule.
j) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide
2023-2026	Quality of life and healthcare-seeking behavior among widowed population residing in a block of South 24 Parganas: A Mixed-method study	**Guide-** Dr. Somnath Naskar **Co-guide-** Dr. Moumita Mandal, Dr. Anindita Maiti

Dr. Anindita Mondal

a) Oral paper presentation at IPGMER Foundation Day 2025- Received 2nd prize
b) Presented poster at WB-IPHACON 2025.
c) Presented free oral paper at WB-IPHACON 2025.
d) Presented free oral paper at IAPSMWBCON 2025.
e) resented seminars and attended OPD duties as per schedule.
f) Published papers in indexed journals.
g) Conducted UG (MBBS) lecture classes.
h) Conducted FAP classes UG students.
i) Conducted student Projects UG students.
j) Attended District residency posting as per schedule.
k) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide
2023-2026	A comparative study on health-risk behaviors of adolescents attending schools of urban and rural field practice area of a Tertiary care Institute of Kolkata: mixed-method approach	**Guide**- Prof. (Dr.) Kuntala Ray **Co-guide**- Dr. Sinjita Dutta

Dr. Subhosri Saha

a) Oral paper presentation at WB-IPHACON 2025.
b) Presented poster at IAPSMWBCON 2025.
c) Presented seminar and attended OPD duties as per schedule.
d) Attended District residency posting as per schedule.
e) Published paper in indexed journal.
f) Conducted FAP classes of UG students.
g) Conducted student Projects UG students.
h) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide
2023-2026	Occupational hazards and safety practices among Traffic Police personnel in selected traffic guards of Kolkata.	**Guide**- Prof. (Dr.) Mousumi Basu **Co-guide**- Dr. Sreetama Chakrabarti Dr. Surajit Lahiri

Dr. Prabuddha Goswami

a) Won the Podium presentation (oral paper) at WB-IPHACON 2025.
b) Won the PG Debate at IAPSMWBCON 2025.
c) Runner Up @ AK BHANDARI Memorial Proposal Presentation at IAPSMWBCON 2025.
d) Free oral presentation at IAPSMCON 2025.
e) Participated at quiz competition at IAPSMCON 2025
f) Won the PG Debate at Nutrition Summit at NRS-MCH.
g) Presented a Poster on One Health at the FAITCHON 2025 @ AIIHPH
h) Conducted 3 Research (short) Studies
i) Attended OPD duties as per schedule.
j) Took UG (MBBS) practical classes under supervision of faculty.
k) Conducted FAP classes and projects of UG students under the guidance of faculty.
l) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide	Status
2024-2027	Effect of a Pender's model based-educational intervention on the health literacy, self-efficacy and respiratory morbidity of urban auto drivers: A Quasi-Experimental study.	**Guide**- Prof. (Dr.) Kuntala Ray **Co-guide**- Dr. Animesh Mandal	**Ongoing** (Synopsis Accepted)

Dr. Ratul Ray

a) Oral paper presentation done at IPHA Foundation Day 2025.
b) Attended OPD duties as per schedule.
c) Took UG (MBBS) practical classes under the supervision of faculty.
d) Conducted Phase-3 FAP classes and Projects of MBBS students under the guidance of faculty.
e) Life member of IPHA, IAPSM and IMA

Session	Thesis Topic	Guide & Co-guide	Status
2024-2027	Psychosocial status and coping mechanisms in empty nesters and non-empty nesters in a rural community of West Bengal: a mixed-method study	**Guide**- Dr. Sinjita Dutta **Co-guide**- Dr. Anindita Maiti	**Ongoing** (Synopsis Accepted)

Dr. Suvankar Banerjee

a) Oral paper presentation at WB-IAPSMCON 2025.
b) Attended OPD duties as per schedule.
c) Took UG (MBBS) lecture and practical classes under supervision of faculty.
d) Conducted Phase-3 FAP classes and Projects of MBBS students under the guidance of faculty.
e) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide	Status
2024-2027	"A comprehensive study on clinicosocial profile and treatment adherence among intravenous drug users, a facility based Mix-Method study"	**Guide**- Dr. Surajit Lahiri **Co-guide**- Dr. Moumita Mandal	**Ongoing** (Synopsis Accepted)

Dr. Sayantan Mukhuty

a) Oral paper presentation at WB-IPHACON 2025.
b) Poster presentation at WB-IAPSMCON 2025
c) Attended OPD duties as per schedule.
d) Took UG (MBBS) lecture and practical classes under supervision of faculty.
e) Conducted Phase-3 FAP classes and Projects of MBBS students under the guidance of faculty.
f) Life member of IPHA, IAPSM.

Session	Thesis Topic	Guide & Co-guide	Status
2024-2027	Burden and Predictors of HIV and STI among Men having Sex with Men and Barriers to Health Care-Seeking in selected districts of West Bengal: A Mixed-Method Study	**Guide**- Dr. Somnath Naskar **Co-Guide-** Dr. Sreetama Chakrabarti	**Ongoing** (Synopsis Accepted)

Critical Care Medicine

FACULTY

Dr. Asim Kumar Kundu, MD	Professor & Head
Dr. Sugata Dasgupta, MD FNB MRCP	Professor
Dr. Samarendra Nath Samui, DCH, MD	Associate Professor
Dr. Avijit Moulick, MD, DM (Cardio)	Assistant Professor
Dr. Samik Pramanik MD, DM (CCM)	Tutor

Postdoctoral Trainees

Dr. Moloy Kumar Makhal MD (Medicine)
Dr. Liton Sarkar MD (Medicine)
Dr. Abdur Rahaman MD (Anesthesiology)
Dr. Mrinmoy Ghosh MD (Medicine)
Dr. Rina Majumdar MD (Anesthesiology)
Dr. Nilanjana Sarkar MD (Anesthesiology)

Medical officers, Research scholars, and non-teaching medical staff

Medical Officers	Research scholars	Non-teaching medical personnel
• Dr. Sourav Dey, MBBS • Dr. Debasis Saha, MBBS • Dr. Anuradha Tripathi, MBBS • Dr. Ratna Mondal, MBBS • Dr. Shamba Das, MBBS • Dr. Kaushik Dutta, DrNB • Dr. Suraj Kant Prasad, MBBS	Dr. Sameeha Mandal RA-III of ICMR Project	• Dr. Shafiul Islam , MBBS • Dr. Anisha Barua, MBBS • Dr. Trisha Mondal, MBBS • Dr. Md Wajeh Uddin Khan, MBBS • Dr. Tousin Mondal, MBBS • Dr. Shahbaz Khan, MBBS

Non-teaching staff

Sri Bidyut Kumar Manna	LDC

TRANSFERS, POSTINGS AND SUPERANNUATIONS

Dr. Vikash Kumar, Medical Officer	Released on TR
Dr. Anupam Mondal, Medical Officer	Now posted at Annanyo

FACULTY NEWS

Prof. Asim Kumar Kundu participated in preparing the New Guidelines for Withdrawal of life support and EOLC in Intensive Care criteria for Ministry of Health & Family Welfare, Govt of India.

ACADEMIC ACTIVITY

1. DM (Critical Care Medicine) – started in Sep, 2019 with 2 students/academic year. Third batch went for DM CCM Examination under WBUHS in 2025. Fourth batch will appear DM CCM University Exit Examination in Jan, 2026.
2. Diploma in Critical Care Technology (DCCT) (2 years paramedical course).
3. MD (Emergency Med) – Postgraduate training on rotation.
4. DM (ID) - Post doctoral training on rotation.
5. DNB Medicine - Postgraduate training on rotation.

6. Training of Medical Officers coming periodically – as part of state-run project of Critical Care support for all the CCUs in West Bengal.
7. Training of Nursing Staff for different state run CCUs.
8. Classes of MSc Nursing students of IPGMER and other Medical Colleges.
9. Pilot project of different MSc Nursing students OF WBUHS at CCM.
10. The Department of Critical Care organizes monthly mortality clinics involving other departments like Pathology, Forensic Medicine, Pharmacology, Nephrology, Medicine, Rheumatology, G&O etc.
11. BPA students and Internee- rotational posting.

PUBLICATION BY FACULTY, STUDENTS AND RESEARCH SCHOLARS

1. Dr. Moloy Kanti Makhal DMKM, Dr. Asim Kumar Kundu DAKK, Dr. Liton Sarkar DLS. Role of Central Venous-Arterial Carbon Dioxide Difference (Pc02 Gap) In Predicting Outcome in Septic Shock. Journal of Contemporary Clinical Practice. 2025 Nov;11(11):545-551.
2. Kotal S, Chatterjee S, Pain S, Kundu AK. Author Response: Comment on "A Prospective Study to Assess the Profile and Outcome of Acute Paraquat Poisoning in a Tertiary Care Hospital of West Bengal". Indian J Crit Care Med 2025;29(10):888.
3. Silpa Kshetrimayum, Asim Kumar Kundu, Samik Pramanik, Puja Trigunait, Tanweer Qamar (2025): Effect of Cumulative Fluid Balance and B-line Score in Lung Ultrasound on Extubation Outcomes: International Journal of Academic Medicine and Pharmacy,7 (5); 1134-1138.
4. Pramanik S, Dasgupta S, Samui S, Chandra A, Kattady FJ, Makhal M. Acute meningoencephalitis with subdural empyema associated with Acanthamoeba in an immunocompetent individual. J R Coll Physicians Edinb. 2025 Sep;55(3):184-187. Doi: 10.1177/14782715251342120. Epub 2025 May 19. PMID: 40387176.
5. S.N. Samui et al. Targeting of nanoparticles towards blood -brain barrier with a potential for the treatment of cerebrovascular disorders: a systemic review. Journal of Medical Evidence. March 2025
6. S.N. Samui et al. Pharmacological Profile of Cefepime plus Enmetazobactam in the treatment of complicated urinary tract infections including Cather -Associated Urinary Tract Infection (CAUTI). Amrita Journal of Medicine. July 2025.
7. Dasgupta S, Ghosal S, Chandra A, The Language of Medicine, QJM: An International Journal of Medicine, 2025;, hcaf289, https://doi.org/10.1093/qjmed/hcaf289.
8. **Chandra A, Chatterjee R, Chakraborty U, Dasgupta S, Chatterjee N, Pal J.** Clinical medicine: a lost art? *QJM*. 2025 Oct 27;118:hcaf259.
9. **Chandra A, Chatterjee R, Mukherjee S, Dasgupta S, Chatterjee N, Pal J.** Beyond the metric: reassessing the role of the h-index in academic medicine. *QJM*. 2025 Oct 1;118:hcaf225.
10. Mazumder DS, Dasgupta PS, Gandhi DM. Prevalence and Perioperative Complications of Metabolic Syndrome Among Eastern Indian Elective Surgical Patients. International Journal of Medical and Pharmaceutical Research. 2025 Jul;6(4): 404-410.
11. **Ghosh A, Dasgupta S, Choudhury A, Chandra A, Biswas P, Ghosh S.** Screening for obstructive sleep apnea using standard tools and associated comorbidities in an eastern Indian surgical population: an observational study. *J Assoc Physicians India*. 2025 Apr;73(4):36–41.
12. **Chatterjee R, Chandra A, George A, Dasgupta S.** Oral rehydration solution: a landmark discovery in medicine and the legacy of Dr Dilip Mahalanabis. *Am J Med*. 2025 Mar;138(3):384–386.
13. **Chatterjee R, Chandra A, Mukherjee S, Chatterjee N, Dasgupta S.** Secondary haemophagocytic lymphohistiocytosis associated with scrub typhus: a case report with brief review of literature. *J R Coll Physicians Edinb*. 2025 Mar;55(1):23–27.
14. **Chandra A, Shah KA, Ganguly D, Chatterjee R, Dasgupta S.** Symmetrical peripheral gangrene associated with *Plasmodium vivax* malaria: a case report with brief review of literature. *Sultan Qaboos Univ Med J*. 2025 May;25(1):336.
15. **Chandra A, Chatterjee R, Chatterjee N, Dasgupta S.** Acute pancreatitis associated with scrub typhus: report of two cases with brief review of literature. *Sultan Qaboos Univ Med J*. 2025;25(1):628–633.
16. **Pramanik S, Dasgupta S, Samui S, Chandra A, Kattady FJ, Makhal M.** Acute meningoencephalitis with subdural empyema associated with *Acanthamoeba* in an immunocompetent individual. *J R Coll Physicians Edinb*. 2025;14782715251342120.
17. **Chandra A, Chatterjee R, Dasgupta S, Mukherjee S.** Beyond medicine: how Dr Smarajit Jana transformed public health for India's most vulnerable. *Postgrad Med J*. 2025 Jun;101(1196):588–590.

18. **Dasgupta S, Chandra A, Chatterjee R.** Early fibro-proliferative acute respiratory distress syndrome in COVID-19 pneumonia. *Bengal Physician J*. 2025;12(2):104–105.
19. **Chatterjee R, Chandra A, Dasgupta S.** Revisiting Ronald Ross: inspiration for pioneering research in resource-limited settings. *Postgrad Med J*. 2025 Jan 9:qgae199.
20. **Chatterjee R, Chandra A, Dasgupta S.** Upendranath Brahmachari: revisiting a forgotten Bengali scientist behind the cure of kala-azar. *Bengal Physician J*. 2025;12(1):49–51.

RESEARCH PROJECTS

- Successfully completed the ICMR Project – Initiation of Antimicrobial Stewardship Program in different tertiary care Hospitals in India in February 2022.
- Implementation of Antmicrobial Stewardship Program (AMSP) in various tertiary care Hospitals in India: An ICMR project, was started in June 2022. 4th year on-going.
- Conducting a multicenter trial on "Relationship between implementation of evidence based and supportive ICU care and outcome of patients with acute respiratory distress syndrome (EXTEND ARDS Study) since July 2025.
- Will start a new project with ICMR "Developing anti-bacterial Immunotherapy products for *Acinetobacter baumannii* to combat neonatal sepsis in India" soon.

SERVICE INFORMATION

1. Service areas

1. Inpatient care: CCU at 3rd Floor, Main Block.
   Presently CCU and Step-down are on the 3rd floor of the Main Building as PICU was shifted to 2nd floor.
   Total no. of patients admitted from December 2024 to November 2025 was 698.
2. Follow Up OPD: Ground floor, Main Block.

2. Total number of Critical Care Beds: 32.

3. Facilities available

All modern monitoring and support system including Multichannel monitor, Blood Gas & Electrolyte Analyzers, Invasive hemodynamic device, Bedside Ultrasonography, Ventilator – Invasive, Non-Invasive, Bedside Dialysis and Flexible Bronchoscopes, Cardiac Output Monitor etc. We have started plasmapheresis regularly at CCU with help from Department of Nephrology. We want to start CRRT in our Department.

4. Follow up OPD: Discharged patients are followed up on Monday & Thursday 2.00 p.m. -4.00 p.m.

- Total no. of patients attended in 2025 till date = 102.
- Some other discharged patients are followed up in OPDs of different other specialties as services warrant.

MISCELLENEOUS ACTIVITIES

ECMO machine was relocated to SNPH Covid Unit. MT Perfusionists were also deployed there.
DCCT internees were posted at BIN, ICCU, TICU, ITU, Trauma Care and PICU on rotation.

Dentistry

Faculty

Dr. Biswarup Sengupta	MDS (WBUHS)	Associate Professor and Head
Dr. Indranil Sarkar	MDS (RGUHS, Bangalore)	Assistant Professor

Dental Officers

Dr. Somsubhra Pramanik	MDS (WBUHS)	Dental Surgeon
Dr. Suman Kalyan Patra	BDS (WBUHS)	Dental Surgeon

House Staff

Dr. Shruti Jha Dr. Purbayan Sardar Dr. Souvik Mukherjee Dr. Srijoni Mondal Dr. Rahul Sanigrahi	Dr. Teeasha Azmi Dr. Saikar Chowdhury Dr. Debaditya Nandi Dr. Isha Sarkar Dr. Labanyamoyee Paul	Dr. Sk. Natasha Perveen Dr. Dipanshu Dey Dr. Souptik Mukherjee Dr. Abhik Maiti

ACADEMIC ACTIVITY

- Chair side discussion on special cases of academic interest i.e. management of chronic oral mucosal lesions, Dental management of medically compromised patients, Pre and Postoperative management of oral malignant condition to definite treatment, diagnosis, management and prognosis of teeth with endo-perio lesions, etc. being taken regularly.
- To promote academic interest amongst the house surgeons, they are being encouraged for clinical case presentation of different topics.
- Pre-surgical nasoalveolar molding treatment for infants with cleft lip and palate, referred from Department of Plastic Surgery, IPGME&R.
- Guided Periodontal Tissue Regeneration techniques using G-bone modified hydroxyapatite as bone graft material and autologous PRF membrane.
- Guided Bone Regeneration using bone graft and autologous PRF Membrane after radicular cyst enucleation.
- Extensive endodontic study activities along with various reparative & regenerative restorative procedures are done regularly.
- Interceptive and corrective treatment of dental malocclusion with fixed orthodontic mechanotherapy.
- Attending critical patients with dental problems being referred from various other departments,

SERVICE INFORMATION

The department provides various extensive OPD services.

OPD Attendance

Yearly Total	Old Case	New Case	Average Daily	Referrals
20156	9164	12963	92	1600

Minor oral surgical procedures performed under local anesthesia

- Surgical removal of impacted third molars and canines
- Reparative and regenerative periodontal surgeries with bone graft and PRF.

- Surgical and endodontic management of periapical lesions.
- Oral soft tissues electrosurgeries.
- Repair of dentoalveolar fractures and fractures of mandible by intermaxillary fixation under local anesthesia.
- Surgical excision of oral soft tissue growth.
- Open flap debridement periodontal surgeries under local anesthesia.
- Incisional and Excisional biopsy.
- Enucleation and marsupialization of benign cysts and tumors of the jaw.
- Intraoral and Extraoral incisions and drainage of acute orodental infection.
- All types of tooth extractions including the retained roots and broken roots.
- Endodontic surgeries and periodontal surgeries under local anesthesia.

Other procedures performed in the department

- Anterior teeth endodontic treatment [RCT]
- Posterior teeth endodontic treatment [RCT]
- Pulp capping therapy.
- Treatment of soft tissue ulcers of benign nature. Management of different oral mucosal lesions.
- Selective grinding/coronoplasty.
- Analysis of orthodontic malocclusion with comprehensive treatment planning.
- Interdisciplinary referral from both outdoor and indoor department of IPGMER & SSKM and Sambhunath Pandit Hospital Annex-2 are all attended with utmost care and attention.
- Patient referrals from department of nephrology, CTVS, radiotherapy.
- Ophthalmology, orthopedics cases are regularly examined and treated presurgically for necessary dental fitness.

Weekly departmental service routine

Day	OPD	Minor OT
Monday	Dr. Somsubhra Pramanik Dr. Suman Kalyan Patra	Dr. Indranil Sarkar Dr. Biswarup Sengupta
Tuesday	Dr. Biswarup Sengupta Dr. Suman Kalyan Patra	Dr. Somsubhra Pramanik Dr. Indranil Sarkar
Wednesday	Dr. Biswarup Sengupta Dr. Somsubhra Pramanik	Dr. Suman Kalyan Patra Dr. Indranil Sarkar
Thursday	Dr. Biswarup Sengupta Dr. Indranil Sarkar	Dr. Suman Kalyan Patra Dr. Somsubhra Pramanik
Friday	Dr. Indranil Sarkar Dr. Somsubhra Pramanik	Dr. Biswarup Sengupta Dr. Suman Kalyan Patra
Saturday	Dr. Indranil Sarkar Dr. Suman Kalyan Patra	Dr. Biswarup Sengupta Dr. Somsubhra Pramanik

Dermatology

FACULTY

Dr. Kakali Mridha	Professor & HOD
Dr. Falguni Nag	Associate Professor
Dr. Tirthankar Gayen	Assistant Professor
Dr/ Somasree Dutta	Assistant Professor
Dr. Subhamoy Neogi	Tutor
Dr. Pratima Maji	MO

Senior Residents

- Dr. Rohan Barua.

Postgraduate (MD) Trainees

Session 2022-2025	Session 2023-2026	Session 2024-2027
Dr. Srijani Debnath Dr. Rajashree Nandi Dr. Meghdeepa Sengupta Dr. Abin Basu	Dr. Debargha Mukherjee Dr. Suparna Dhara Dr. Anitava sarkar Dr. Meenakshi Khemka Dr. Nabanita Chatterjee	Dr. Lengu Mero Dr. Sahadiya V.P Dr. Arindam Sarkar Dr. Ananya Roy Dr. Arka Pramanik

FACULTY NEWS

Dr. Kakali Mridha

- M.D. thesis guide & Examiner.
- **Publications: >15.**

Dr. Falguni Nag

- MD thesis guide.
- **Publications: 18.**

Dr. Tirthankar Gayen

- MD thesis co-guide.
- **Publications: 23.**

Dr. Subhamoy Neogi

- **Publications: 10**
- Organising Secretary of Cuticon WB 2025.

Publications from the department

1. Mandal S, Neogi S, Rudra O, Mridha K, Gayen T, Chatterjee G. Immunotherapy of Cutaneous Warts: A Novel Comparative Study Between Intralesional Vitamin D3 and Normal Saline, Eastern India.
2. Singha A, Neogi S, Neogi S, Dasgupta R. Acanthosis Nigricans Complicating Injectable Insulin Therapy: An Unusual Association of a Common Condition. Clinical Diabetes. 2025 Jul 15;43(3):442-4.

Accomplishments of Post Graduate Trainees in the last 1 year:

1. Dr Rohan Barua secured 2nd prize in Award Paper category in Cuticon WB 2024.
2. Dr Anitava Sarkar secured 3rd prize in Award Poster category in Cuticon WB 2025.
3. Dr Anitava Sarkar secured 2nd prize in Free Paper category in Cuticon WB 2025.

SERVICE INFORMATION

Dermatology OPD: Monday to Saturday
Leprosy Clinic: Wednesday
STI (Suraksha Clinic): Monday to Saturday
Phototherapy: Monday to Saturday
Laser therapy: Tuesday, Thursday, Friday

OPD Attendance: TOTAL= 2,03,023
Leprosy Clinic= 415 approx.
Surakhsa Clinic= 7241 approx.

Indoor Admission: 122

MINOR SURGICAL PROCEDURE PERFORMED:
Skin biopsy, Intralesional therapy, Electro Cautery, Radiofrequency ablation, Expression and extirpation, Chemical Peel, Minipunch Grafting for Vitiligo, Suction Blister Grafting, Trichloroacetic acid application, Potassium hydroxide application, Podophyllin application, Platelet rich plasma therapy, Platelet rich fibrin therapy Autoinnoculation of warts, Immunotherapy, Dermaroller, Scar revision, etc.

Total procedures: 5121

Phototherapy: 531 sessions

Laser: 241sessions
(LHR, vascular lesions, acne scar and other scar management, nevoid conditions, pigmentary lesions etc.)

Emergency Medicine

The Trauma Care Centre, IPGME&R with Department of Emergency Medicine started functioning from 1st July, 2019. MD (Emergency Medicine) with 3 post graduate seats started for the first time in West Bengal under aegis of WBUHS on 03.02.2020. The functioning of the Department is divided into Trauma Care Centre and General Emergency. The Department is physically located in the Trauma Care Centre building. The faculty members have been taken from different departments of the institution as follows:

FACULTY

Assistant Professor & Head	Dr. Agnibha Maiti, MD (General Medicine), Dip Card
Assistant Professor	Dr. Avijit Roy Mondol, MS (General Surgery), FMAS, FAIS Dr Kishen Goel, MD, DNB (Emergency Medicine), PDF –Critical Care Medicine, FACEE-Toxicology, F-ECMO
Consultant	Dr. Pradipta Mitra, DA, DNB (Anesthesiology), MNAMS
Senior Resident	Dr. Rahul Manna MD (Emergency Medicine) Dr. Siladitya Dewasi MD (Emergency Medicine)

Postgraduate (MD Emergency Medicine) Trainees

Session 2024-2027	Session 2022-2025	Session 2023-2026
Dr Pousali Bhattacharyya Dr Raj Anand Dr Rajesh Biswas	Dr. Shamsul Hoque Dr. Saikat Sadhukhan	Dr. Sonali Ghosh Dr. Soumyodip Saha

REGULAR ACADEMIC ACTIVITY

- Regular classes held thrice a week. As it is a multidisciplinary subject, the classes are held in liaison with various departments.
- Various workshops were conducted on Airway Management and Vascular Access.
- ATLS, BLS & ACLS are an integral part of the MD curriculum, and we look forward to it starting in institute in the near future.
- Rotating allotment of postgraduate students into different other departments e.g General Medicine, Pulmonary Medicine, Paediatric Medicine, Cardiology, General Surgery, Orthopaedic Surgery, Neurosurgery, Anaesthesiology, Trauma & Critical Care, Radiodiagnosis, Neuromedicine, Nephrology, Gastromedicine, Ophthalmology & ENT, Obstetrics & Gynaecology.

Completed Thesis for session 2021-2024

Postgraduate Trainee	Guide / Co-Guide	Title
Dr. Shamsul Hoque (Session 2022-25)	Dr Maitreyee Mukherjee Prof. Subhasish Ghosh (dept. of Neurosurgery) Dr. Kishen Goel	Canadian C-spine rule vs nexus criteria for screening cervical spine injury in blunt trauma patients at level 1 trauma care center.
Dr. Saikat Sadhukhan (Session 2022-25)	Prof (Dr.) Sarbari Swaika Dr Agnibha Maiti	A clinicopathological study of cases of poisoning in a tertiary care center of Kolkata, West Bengal.
Dr. Sonali Ghosh (Session 2023-26)	Dr Maitreyee Mukherjee Dr Kishen Goel	A prospective observational study of endotracheal intubation practices in emergency department of level-I trauma care center in eastern India.
Dr. Soumodip Saha (Session 2023-26)	Dr Maitreyee Mukherjee Dr Agniva Maity	A prospective observational study on clinico-aetiological profile of pneumonia patients presenting to emergency observation ward in a tertiary care hospital.
Dr Pousali Bhattacharyya (Session 2024-27)	Dr. Agnibha Maiti Dr. Kishen Goel	Evaluation of clinical profile and complication patterns of Chronic kidney disease among emergency department patients
Dr Raj Anand (Session 2024-27)	Dr. Agnibha Maiti Dr. Kishen Goel	An observational study of clinicoetiological profile of patients with altered mental status presenting to emergency department of teritiary hospital
Dr Rajesh Biswas (Session 2024-27)	Dr. Avijit Roy Mondol Dr. Kishen Goel	Comparative study of intercostal nerve block vs. Conventional analgesia in chest trauma patient with icd admitted in tertiary care hospital

FACULTY NEWS

Dr Agnibha Maiti
Activities

- Acting as a co-investigator in ICMR project with principal investigator Scientist Dr Nilanjan Chakraborty
- Invited guest lecturer API State chapter October 2024
- Invited guest Lecturer National conference APICON New Delhi Feb 2024 "Dyspepsia in Diabetes"
- Faculty presentation in APION 2025 Kolkata at Biswa Bangla convention centre
- Guest lecturer in ASICON 2025 Kolkata

Publication: Maity A, Siddhanta S et al. Spectrum of Restless Leg Syndrome from a Tertiary Care Hospital in Eastern India in Bengal Physician Journal, Volume 11 Issue 2 (May–August 2024)

Dr Kishen Goel

- Conducted various Basic Life Support and Advanced Life Support Provider and instructor Course conducted by AMERICAN HEART ASSOCIATION in various places.
- Participated as faculty in various teaching program of emergency medicine.

Dr Avijit Roy Mondal

- Member of AMASI, IAGES, HIS. ISTAC, ASI, IMA

Publication:

- Prospective study of surgical site infection in a teaching hospital of Kolkata journal of geriatric medicine 2025.
- Reframing pituitary neoplasia: a systematic appraisal of the who 2022 pitnet taxonomy-journal of carcinogenesis 2025;vol24:issue2s
- Multimodal regenerative strategies in diabetic foot ulceration: a systematic review on stem cell therapeutics, surgical interventions and adjuvant modalities across thirteen high impact studies African Journal of Biomedical Research issn 1119-5096 2025.
- A multiaxial systematic review on contemporary oncotherapeutic armamentarium and lobectomy–centric surgical stratagems in lung carcinomas: histopathological –radiological correlatives, molecularly targeted regimens, and immunomodulatory paradigm shifts in the era of precision pulmonological oncology using 12 high end studies. International journal of environmental sciences. issn :2229-7359 ,2025.

Dr Pradipta Mitra

- Basic Life Support and Advanced Life Support Provider Course conducted by AMERICAN HEART ASSOCIATION
- Life member of Indian Society of Anaesthesia.
- Participated as a delegate in several National, State and Zonal level conferences.
- Received training in REGIONAL ANAESTHESIA.

Dr Rahul Manna (Senior Resident)
Publication

- A high cholesterol diet accelerates Alzheimer's progression by promoting fibrotic damage in rats Brain Disorders 2025-03 | Journal article DOI: 10.1016/j.dscb.2025.100206 Part of ISSN: 2666-4593 Contributors: Ashmita Das; Durlav Chowdhury; Dilip Sharma; Rahul Manna; Surendra Bodakhe

Dr Sonali Ghosh
Publications:

- Ghosh K, Chandra S, Ghosh S, Ghosh U. Artificial intelligence in personalized medicine for diabetes mellitus: a narrative review. Cureus. 2025;17(9):e91520. doi:10.7759/cureus.91520.
- Ghosh S, Saha S, Das Choudhury S, Ghosh K. Cardiological and neurological manifestations and complications in dengue patients admitted to hospital: a retrospective observational study. SSR Inst Int J Life Sci. 2025;11(4):7865-75. doi:10.21276/SSR-IIJLS.2025.11.4.10.

Project From Department
A hospital-based observational study on platelet indices (mean platelet volume and mean platelet volume-to-lymphocyte ratio) in acute coronary syndrome in a tertiary care hospital of West Bengal.

SERVICE INFORMATION

No Of Patient attended Emergency: Trauma- 30996 Non-Trauma- 99112

Endocrinology

FACULTY

Name	Designation	Qualifications
Dr. Pradip Mukhopadhyay	Professor and Head	MBBS, MD, DM
Dr. Sujoy Ghosh	Professor	MD, DM, MRCP, FRCP, FACE
Dr. Pranab Kumar Sahana	Professor	MBBS, MD, DM, FRCP (Edin)
Dr. Tapas Chandra Das	Assistant Professor	MBBS, MD, DM
Dr. Indira Maisnam	Assistant Professor	MBBS, MD, DM, FRCP, FACE
Dr. Subir Chandra Swar	Assistant Professor	MBBS, MD, DM
Dr Arijit Singha	Assistant Professor	MBBS, MD, DM

Senior Residents

Dr. Anish Kar	MBBS, DNB, DM
Dr. Abhranil Dhar	MBBS, MD, DM
Dr. Ramiz Raza	MBBS, MD, DM

Postdoctoral Trainees (DM)

1st year (Session 2024-2027)	2nd year (Session 2023-2026)	3rd year (Session 2022-25)
Dr. Snehasish Paul	Dr. Ayush Agarwal	Dr. Olivia Bhattacharya
Dr. Sankha Gayen	Dr. Nidhi Seth	Dr. Biswajit Payra
Dr. Souradip Banerjee	Dr. Arundhati Das	Dr Akshay Khatri
Dr. Sriram Rajagopal	Dr. Vaibhav Gowdha	Dr. Subhankar Ray
Dr. Megha Majumdar	Dr. Mainak Sarkar	Dr. Sayantan Chakraborty
Dr. Kirtiman Mandal	Dr. Shirsendu Mondal	Dr. Manges Pathade

Non-Teaching Staff

Name	Designation
Anurag Chowdhury	LDC
Pradip Mandal	MT Lab
Chandan Sarkar	MT Lab
Sipper Ahmed	MT Lab
Kapil Deb Shaw	Group D
Rajaram Mallick	Group D
Suresh Lal	Karmabandhu

Research Scholars and Trainees

Name & Qualifications	Designation
Ms Madhurima Basu, MSc	Research Scientist I. Awarded Ph D under University of Calcutta
Ms Susmita Dutta, MSc	Senior Research Fellow (SRF). Awarded Ph D under University of Calcutta
Mrs Masuma Yasmin, BDS, MPH	Senior Research Fellow (SRF)
Ms Ankita Saha, MSc	Junior Research Fellow (JRF)
Ms Patrali Chakraborty, MSc	Research Scientist I
Ms Ranu Pal, MSc	Junior Research Fellow (JRF)
Ms Ananya Bhowmik, MSc	Junior Research Fellow (JRF)
Mrs. Piyali Jati, MSc	PHD scholar
Mr. Iman Kalyan Sasmal	Lab Technician
Mr. Manoj Mahato	Project Technical Support II (ICMR)

SUPERANNUATIONS/TRANSFERS/Course Completion: (DEC 2024 TO NOV 2025)
Dr. Piyas Gargari and Dr. Subhasis Neogi - SR Bond posting completed on 15.09.2024

ACADEMIC ACTIVITY

- Case presentation on every Monday
- Seminar and Updates on every Tuesday
- Journal club on every Friday
- Regular theoretical and practical classes for DDCT students.
- Class by research Scientist on Biomedical research and genetics -periodically
- Clinico- pathological conference-periodically
- Guest Faculty lecture- monthly

FACULTY NEWS

1. Prof. Pradip Mukhopadhyay

1. Assumed the charge of Head of the Department of Endocrinology since 1.11.2023
2. Worked as Convener of the Examination DM March 2025 (Endocrinology)
3. CIC of Academic Council for Post-Doctoral Super-specialty Courses at IPGME&R, Kolkata
4. Member of the Local Research Advisory committee (LRAC) to MRU at IPGME&R, Kolkata.
5. Guide and Co-guide of several Post-Doctoral Trainee.

Guest Faculty:

1. Was the Scientific Chairperson of the national conference in Endocrinology ESICON 2025.
2. Chaired a session on 'Adiposity and the Medusa Paradox' by Dr Luuc Van Gaal at the National Conference of Association of Physicians of India on 25.01.2025
3. Delivered lecture on 'Prevention & Management of Iatrogenic Cushing's syndrome at the National Conference of Association of Physicians of India on 25.01.2025
4. Chaired a session on 'Mental health in CTD' at the National Conference of Association of Physicians of India on 26.01.2025
5. Chaired a session at CRESCENDO, the state Chapter of Endocrinology West Bengal on 'Bones and beyond: Post-Menopausal osteoporosis and Secondary and Tertiary Hyperparathyroidism' at Kolkata in on 7th June 2025
6. Delivered lecture on: Introduction to Data Analysis & Statistical Thinking in the Workshop on" Scientific Research Methodology in Medicine: Designing Studies" organized by PRF WB, under the aegis of API WB on 25.6.2025.
7. Delivered lecture in IDEACON 2025 on 'Who are at risk of low trauma fracture at Kolkata in 5th July 2025.
8. Chaired a session at National Nutrition Week Celebration, at Medical College Kolkata, organized by Diabetic Association of India on Childhood Obesity: Nutrition Tightrope on 9th September 2025
9. Chaired a session on 'Manuscript Evaluation' (1st Journal Editors Meet) by Dr Shrikant N Hegde on 'How to review a paper?' & by Dr Nandini Chatterjee on 'How to respond to Reviewer queries? at the 15th EZAPICON 2025; East Zone API Conference organized by Association of Physicians of India, WB Chapter on 21.09.2025

Also working as

i) Chairman of Endocrine Society of Bengal, a state affiliate of Endocrine Society of India
ii)Vice President to Diabetic Association of India

2. Prof. Sujoy Ghosh

Ongoing Project:

1. Mass spectrometric analysis of urinary proteins to help distinguish diabetic kidney disease from non-diabetic kidney disease and understand pathogenesis of biopsy proven kidney diseases in patient with type 2 diabetes.
2. Urinary non-coding RNA in biopsy confirm patients with diabetic kidney disease to understand pathophysiology of disease and differentiate from non-diabetic kidney disease
3. Cell free DNA Concentration to differentiate benign from malignant thyroid nodules and its application in determining thyroid cancer remission and recurrence
4. Identification of non-invasive signatures for differential diagnosis of biopsy proven diabetic nephropathy and non-diabetic kidney disease by metabolomics and peptidomics approach.
5. Liquid biopsy: a non-invasive approach for detection of known driver mutations and Long-Non-coding RNA expression in patients with Differentiated thyroid carcinoma
6. Evaluation of Lipidomic signature in prediction of onset of Polycystic Ovarian Syndrome
7. Utility of protein markers in urine/plasma to help differentiate diabetic kidney disease (DKD) from non-diabetic kidney disease (NDKD) in patients with Type 2 diabetes with biopsy proven nephropathy
8. Pilot project for management of Type 1 Diabetes in West Bengal
9. A study on clinical biochemical and molecular signatures in type 2 diabetes mellitus with renal involvement

10. Utility of small non coding RNA as non-invasive diagnostic biomarker to differentiate Diabetic kidney disease from non-diabetic kidney disease: A genomic approach
11. Role of long non-coding RNA in progression of early neuropathy to late neuropathy in Type 1 diabetes mellitus
12. Clinical trial network for hospital-based trail in Diabetology (BIRAC)
13. Screening of Hypertension in subjects diagnosed with Type 2 Diabetes
14. Gut microbial diversity and metabolomic profiling in Graves' disease: A multicentric study
15. Strengthen Primary Health Care system to control childhood non-communicable disease (NCDs) focused on T1DM
16. AI- Powered crab-counter for Indian food items for T1DM management in low resource settings

Completed Projects:

1. A Study on the Clinical and Microbiological association between Chronic Periodontitis and Diabetes
2. Establishment and characterization of human renal proximal tubular cell for determining expression of SGLT2 amongst Type2 diabetes
3. ICMR INDIAB Study
4. A prospective study on the role of incretin hormones in patients undergoing bariatric surgery
5. Comprehensive Molecular studies in Monogenic Forms of Diabetes in India
6. A Study of Anti-Hyperglycemic properties of Gymnedenia Orchidis Lindl of Orchdaceae Family
7. A Study of Glucagon response and incretin levels in patients with fibrocalculous pancreatic disease attending SSKM Hospital Kolkata
8. A Study of the prevalence of autoantibodies in Type 1 Diabetes
9. A prospective, multi-centre, double-blind, randomized, study to evaluate the safety and efficacy of Saroglitazar 4 mg versus Placebo in the treatment of HIV associated lipodystrophy
10. Clinical significance of In Vivo Corneal Confocal Microscopy in Type 1 Diabetes mellitus patients
11. Evaluation of bone mineral density in subjects with type 1 diabetes mellitus
12. Dietary Fat & Cholesterol intake in patients with Type 2 Diabetes and input of Dietary intervention on serum Lipid parameters
13. Correlation of cyto-histopathological, radiological and genetic markers from FNAC material and Plasma in thyroid nodules
14. Determination of differences in insulin resistance as measured by frequently sampled intravenous glucose tolerance test (fsIVGTT) in obese and non-obese PCOS with obese and non-obese control with special reference to body composition as measured by DXA
15. Evaluation of Adrenal functions in patients with HbE/Beta Thalassemia
16. A Double-Blind Comparative Prospective Study of the Safety of Teneligliptin and Sitagliptin to Evaluate QTc Prolongation In Indian Type 2 Diabetes Patients
17. A prospective multicenter Phase IV study to assess the safety of fixed dose combination of Dapagliflozin and Saxagliptin in Indian Type 2 Diabetes mellitus (T2D) patients
18. A randomized controlled multicenter study to evaluate the safety and efficacy of Paltusontine in subjects with non-pharmacologically treated Acromegaly.

Guide for PhD students (Current)

- Pampita Chakraborty: A Study on the Clinical and Microbiological association between Chronic Periodontitis and Diabetes (PhD Completed)
- Madhurima Basu: Identification of non-invasive signatures for differential diagnosis of biopsy proven diabetic nephropathy and non-diabetic kidney disease by proteomics, metabolomics and genomics approach (PhD completed)
  Awarded Postdoctoral Fellowship at Steno Diabetes Center, Copenhagen
- Susmita Dutta: Common driver mutations and epigenetic changes mediated through long non-coding RNA in cell free nucleic acid among thyroid carcinoma patients for improvement of diagnosis and understanding mechanism of tumor development (PhD completed)
  Awarded Postdoctoral Fellowship in Thyroid Study Unit (Dept of Endocrinology), Division of Biological Sciences at University of Chicago.
  Received Basic Science Meeting Grant at the annual conference of European Society of Endocrinology, 2023
- Shatabdi Ghosh: Role of long non-coding RNA in progression of early neuropathy to late neuropathy in Type 1 Diabetes mellitus (PhD completed)
- Masuma Yasmin: Evaluation of Type 1 Diabetes management program in West Bengal: a clinic-based study in selected districts (SRF)
- Ranu Pal: Urinary non-coding RNA in biopsy confirmed patients with diabetic kidney disease to understand pathophysiology of disease and differentiate from non- diabetic kidney disease (Project fellow)
- Ananya Bhowmik: Utility of small non coding RNA as non-invasive diagnostic biomarker to differentiate Diabetic kidney disease from non-diabetic kidney disease: A genomic approach
- Ankita Saha: Evaluation of Lipidomic Signature in Prediction of onset of polycystic ovarian syndrome
- Patrali Chakraborty: Mass spectrometric analysis of urinary proteins to help distinguish diabetic kidney disease from non-diabetic kidney disease and understand pathogenesis of biopsy proven kidney diseases in patient with type 2 diabetes.
- Iman Kalyan Sasmal: ICMR STS Project (MBBS student):
- Srijan Sarkar: MEN1 and CASR gene analysis for Primary Hyperparathyroidism: a cross- sectional study

Members:

- Editorial member of JCEM Case Report
- International Advisory Board member of Davidson book
- Technical expert committee member for development of NCD Program in Children, Government of India

- Member of JDRF International & Expert Advisory Group for India and working closely with the JDRF India Country Director and the William J Clinton Foundation (Clinton Health Access Initiative in India) on the design, development, and deployment of a T1DM capacity support program across 4 states and 8 district hospitals in India
- Program Head: State Type 1 Diabetes Program, Government of West Bengal
- National expert of working committee for guidelines on proposed National Juvenile NCD program
- Appointed Technical reviewer of Research grant applications related to Diabetes: ICMR
- National expert for committee on stem cell research in Diabetes: ICMR
- State Technical Expert for Diabetes Health Policy, Government of West Bengal
- Clinical Research Ethics Committee (CREC-STM), Calcutta School of Tropical Medicine
- SEC member, CDSCO, GOI
- RSSDI Vice President
- Committee Member state Diabetes & Hypertension protocol
- Committee member (Endocrinology section): State Emergency medicine guidelines
- Member Institutional Research Advisory Committee
- Member Institutional Biosafety Committee
- Member of Strategy Advisory Group (SAG) of ALIGN-T1D: A New Alliance for T1D Access
- Member of Guideline Development Group (GDG) for Type 2 Diabetes Mellitus
- Member of Guideline Development Group (GDG) for Hypertension
- Member of Guideline Development Group (GDG) for STEM Cell Therapy
- Member of Technical Expert Group (TEG) for Diabetes Mellitus in children under RBSK

Awards & Oration:

- The 2025 ISPAD Prize for Innovation in Pediatric Diabetes Care
- API President's appreciation award for Excellence in Patient Service and Academic brilliance

3. Prof. Pranab Kumar Sahana

1. Additional Charge: In charge of RIA LAB (Immunoassay Lab) and In-Charge -DDCT Course, IPGME&R
2. DM Examiner and thesis Adjudicator
2. Associate Editor of Annals of Medical Science and Research (AMSR)
3. Reviewer of BMJ Case Report, Cureus Journals, Clinical Case Reports b Wille, IJEM, AMSR, IJCR.
4. Maser of Trainer - Cardio Metabolic Syndrome -a Capaci Building Program NHM-NCD(WB) -ECHO
4. Subject Expert Committee member (Endocrinology), Central Drug Standardization Control Organization, GOI
5. National Medical Commission Inspector for DM Endocrinology course Initiation in Medical College
5. Member- ESI, RSSDI, IMA, API, AACE, Endocrine Society

Ongoing Research projects

1. Interplay between Fatty Acid Binding Protein 4 (FABP4) and Peripheral Arterial Disease in Type 2 diabetes in Indian population- A MRU sanctioned project (PI). Funding- MRU, IPGMER
2. Assessing Epigenetic Marks of Polycystic Ovarian Syndrome among adolescents and young women from West Bengal, India: A Pilot Approach (PI). Funding - ESI
3. 'Prospective evaluation of etiological factors trajectories of comorbidities and efficacy and safety of various therapeutic agents among Indian women with-polycystic ovary syndrome, a multicentric ICMR PCOS cohort study phase-II (PI).4. Single blind randomized clinical trial on 4 weeks versus 6 weeks antibiotic therapy in the management of non-surgically treated diabetic foot osteomyelitis. PI- Funding ICMR
4. Single blind randomized clinical trial on 4 weeks versus 6 weeks antibiotic therapy in the management of non-surgically treated diabetic foot osteomyelitis. PI – Funding-ICMR- Multicenter trial
5. COI- Crosstalk between miR-27a and Netrin-1 in the onset and progression of diabetic peripheral neuropathy. Funding- ICMRA Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study.
6. Efficacy and Safety of Baxdrostat in Adult Participants with Primary Aldosteronism (GCT)- PI
7. **"Evaluation of Safety and Efficacy of Topical Esmolol Hydrochloride Gel in Treating Diabetic Foot Ulcer: A Multicenter, Prospective, Open-Label Phase 4 Study" -**PI

Thesis Guide of DM students:

1. Dr. Biswajit Payra .2. Dr. Manges Pathade
5. Arundhati Das 6. Dr. Shirsendu Mondal 6. Kirtiman Mandal

PhD Guide (Supervisor):

Mrs. Piyali Jati- Study of Hormones and Hormone Actions in Carcinoma Prostate - In Presence and Absence of Diabetes Mellitus.

Trainees: Under ICMR DFO Project

1. Manoj Mahato

Speaker/ Chairperson/ Judge – Various S ae and National CME/Conferences (ESICON 2025, CRESCENDO 2025, APICON 2025, MCH, NRSMC, IDF (Kolkaa) 2025, Endocrine Enrichment Programme, Kolkata-2025

4. Dr. Indira Maisnam (Assistant Professor)

Invited Speaker

1. 08-02-25: Expert Panelist, DIWAS, Chennai, Topic: Pharmacotherapy and surgery in obesity
2. 08-03-25: Speaker, WE CARE, Bhubaneswar, Topic: Precocious puberty in a 7-year-old girl
3. 08-03-25: Speaker, WE CARE, Bhubaneswar, Topic: Tirzepatide: A novel GLP1 and LIP agonist
4. 05-04-25: Speaker, Assam AIAARO, Guwahati, Topic: Transforming obesity treatment
5. 01-06-25: Speaker, Midterm ESICON, Chandigarh, Topic: Circadian rhythm
6. 07-06-25: Speaker, CRESCENDO, Kolkata, Topic: 8y old female with irregular menstruation
7. 07-06-25: Speaker, CRESCENDO, Kolkata, Topic: Selecting outcomes beyond weight loss with semaglutide
8. 08-06-25: Expert panelist, Yuvacrinology, Kolkata, Topic: Heal your wallet: financial planning for doctors
9. 21-06-25: Chairperson, EEP, Kolkata, Topic: Renal tubular acidosis
10. 27-06-25: Speaker, HOPECON, Kolkata, Topic: Case-based approach- Titration of antidiabetic agents
11. 27-06-25: Speaker, HOPECON, Kolkata, Topic: Metformin in early pregnancy
12. 28-06-25: Speaker, HOPECON, Kolkata, Topic: Stepping up obesity care with semaglutide
13. 21-08-25: Speaker, Orissa RSSDI, Bhubaneswar, Topic: Bone health in diabetes mellitus
14. 23-10-25: Speaker, NEESICON, Guwahati, Topic: Prolactinoma- Newer insights
15. 16-11-25: Speaker, GSICON, Kolkata, Topic: Stepping up towards transformative health-care centric approach in obesity

5. Dr. Tapas Chandra Das (Assistant Professor)

- Chairperson of Crescendo 2025.
- Chairperson of ESICON 2025.
- Thesis Guide- Dr. Subhasis Paul
- Thesis Co-guide of DM-PDT
  1) Dr. Vaibhav Gowdha 2) Dr. Arundhati Das

6. Dr Subir Chandra Swar (Assistant Professor)

Guest Lecture

1. Delivered a lecture on Role of NAC & Taurine in reducing Microalbuminuria at RSSDI Odisha Chapter 2025, at Cuttack, in August 2025
2. Chaired a session on Gonads: Gap in Knowledge in Crescendo at Kolkata in June, 2025.
3. Chaired a session on Informed Consent in Research & Ethics of genetic testing in Endocrinology, at ESICON 2025, at Kolkata in September,2025.
4. Participated as panelist in HDSCON -10, Kolkata in August, 2025.

Thesis Guide of DM Post Doctoral Trainee: `Evaluation of Post Renal Transplant Male Patients for Hypogonadism ` by Dr. Souradip Banerjee

Thesis Co-Guide:

1.Central Precocious Puberty: Clinical, Hormonal Profile and Genetics by Dr. Mangesh Pathade

2. A study on clinical, hormonal, and genetic profile of patients with Congenital Adrenal Hyperplasia (CAH) by Dr. Shirsendu Mondal.

3. A study on neurocognitive and neuropsychiatric evaluation and associated brain volume alteration in Cushing Syndromenby Dr. Kirtiman Mondal.

Wrote a chapter on High Dose Dexamethasone Suppression Test in ESI Endocrine Dynamic Testing Protocols 2025.

7. Dr Arijit Singha (Assistant Professor)

Workshop attended:

Clinical Trial Workshop-2025: Under DHR-ICMR Capacity Building Initiative- 2025.

National Conference:

- Oral Paper presentation in ESICON 2025, Kolkata: Digit ratio in Hypogonadism.
- Speaker: CRESCENDO 2025: Endocrine evaluation in Thalassemia.

Research Scientist:
Prof. Nitai Pada Bhattacharyya, PhD

- Hony. Senior research Advisor
- Department of Endocrinology & Metabolism
- Date of joining: Extension on and from 05.10.2021

Awards/Achievements of Postdoctoral Trainees

Dr. Sayantan Chakraborty	1.ESICON 2024 - Best oral presentation in Thyroid 2.VEIC 2025- 1st prize in Case report category 3.SSKM Foundation Day 2025 - 2nd prize in research 4.IDEACON 2025 - 1st in paper presentation
Dr. Olivia Bhattacharya	1.Crescendo 2025-1st runner up in paper presentation
Dr. Subhankar Roy	1.CMC Vellore Endocrine Quiz 2025 - 1st Runner Up
Dr. Akshay Khatri	1. Crescendo 2025-1st prize in paper presentation 2. SSKM Foundation Day 2025- 2nd runner up in paper presentation
Dr Nidhi Sheth	ESICON 2025 Oral paper 2nd prize
Dr Vaibhav Gowda	ESICON 2025 Oral paper 1st prize
Dr Arundhati Das	ESICON 2025 Poster presentation 2nd prize ENDOUPDATE Poster presentation
Dr Shirshendu Mondal	ESICON 2025 Poster presentation 2nd prize
Dr Ayush Agarwal	ISBMR quiz 2nd prize
Dr Sriram Rajagopal	ESI B. Sadhukhan research scholar award 2025 2nd prize in poster presentation at ESICON 2025 basic science category

Departmental Publications

1. Chakraborty S, Roy S, Das D, Chatterjee S, Sahana PK, Mukhopadhyay S. A very low carbohydrate diet improved metabolic profile in congenital generalized lipodystrophy type 4. Endocrinology, Diabetes & Metabolism Case Reports. 2025 Jan 1;2025(1)
2. Basu K, Butta S, Agarwal A, et al. Reninoma in an Adolescent Girl: Histopathological Insights with Review of Literature. *Fetal Pediatr Pathol*. 2025;44(5):495-502. doi:10.1080/15513815.2025.2543743
3. Singhania P, Dhar A, Agarwal A, Ponnusamy R, Singhania P. Myxedema Coma Nested Inside Sheehan Syndrome: A Diagnosis Not to Be Missed. *JCEM Case Rep*. 2025;3(9): luaf162. Published 2025 Jul 17. doi:10.1210/jcemcr/luaf162
4. Debaditya Das, Arijit Singha, Anish Kar, Subhasis Neogi, Piyas Gargari, Nitai P. Bhattacharyya, Indira Maisnam, Pranab Kumar Sahana. Novel mutations in a patient with KBG syndrome and sulfonylurea unresponsive ABCC8-Maturity onset of the Diabetes in Young, Rare, Volume 3, 2025, 100108, ISSN 2950-0087, https://doi.org/10.1016/j.rare.2025.100108.
5. Arijit Singha, Pradip Mukhopadhyay, Sujoy Ghosh. Adrenocorticotropic Hormone Measured by Immulite 1000 and Elecsys Assay Platforms in Suspected Cases of Hypercortisolism: A Word of Caution, Endocrine Practice, Volume 31, Issue 5, 2025, Pages 620-624, ISSN 1530-891X, https://doi.org/10.1016/j.eprac.2025.02.018.
6. Singha A, Neogi S, Neogi S, Dasgupta R. Acanthosis Nigricans Complicating Injectable Insulin Therapy: An Unusual Association of a Common Condition. Clin Diabetes. 2024 Dec 18;43(3):442-444. doi: 10.2337/cd24-0087. PMID: 40741468; PMCID: PMC12304555.
7. Kalra P, Mohan G, Bhattacharya PK, Tiewsoh I, Ramamurthy RK, Kiran RM, … Mukhopadhyay P et al. Study protocol for multicentric hospital-based diabetes registry—Clinical trial network. Indian J Endocr Metab Sept 2025.
8. Patwari P, Batra N, Sen K, Saha A, Kumari B, Basu M, Mitra S, Das K, Kamilya G, Baidya A, Maiti A, Bhattacharyya D, Mukhopadhyay P, Ghosh S. Nonobese PCOS Compared to Obese PCOS Have Similar Clinical Presentation, Hormonal Profile, and Insulin Resistance. Clin Endocrinol (Oxf). 2025 Jul 7. doi: 10.1111/cen.15302. Epub ahead of print. PMID: 40624806.
9. Ghosh, S., Mukhopadhyay, P., Banerjee, M. et al. Long noncoding RNAs as predictive markers for the early detection of diabetic neuropathy in type 1 diabetes patients: a cohort study from a government hospital in West Bengal, India. Endocrine (2025). https:// doi. org/ 10.1007/ s12020-025-04285-w
10. Neogi S, Basu M, Mukhopadhyay P, Chaudhury AR, Bhattacharyya NP, Ghosh S. Composite renal outcome in prospectively performed biopsy proven diabetic kidney disease versus non-diabetic kidney disease: A longitudinal follow up. Diabetes Metab Syndr. 2025 May 15;19(4):103237. doi: 10.1016/j.dsx.2025.103237. Epub ahead of print. PMID: 40411999.

11. Singha A, Mukhopadhyay P, Ghosh S. Adrenocorticotropic Hormone Measured by Immulite 1000 and Elecsys Assay Platforms in Suspected Cases of Hypercortisolism: A Word of Caution. Endocr Pract. 2025 Mar 4:S1530-891X(25)00065-5. doi: 10.1016/j.eprac.2025.02.018. Epub ahead of print. PMID: 40049330.
12. Budhwar V, Dutta S, Pandit K, Mukhopadhyay P, Bhattacharyya NP, Ghosh S. Study of a panel of genetic mutations in fibrocalcific pancreatic diabetes (FCPD): SPINK1 (N34S) mutation unlikely to be relevant. Sci Rep. 2024 Dec 30;14(1):31829. doi: 10.1038/s41598-024-83113-z. PMID: 39738564; PMCID: PMC11686347
13. Kalra P, Mohan G, Tiewsoh I, Raveendra KR, Kiran MR, Kumar SN, Ghosh S, Chitra S, Pandit K, Thaman RG, Chandey M. Prevalence of Tobacco, Smoking and Alcohol Use among People with Type 2 Diabetes Mellitus in India. Medical Journal of Dr. DY Patil Vidyapeeth. 2025 Nov 1;18(6):997-1003.
14. Kalra P, Mohan G, Tiewsoh I, Raveendra KR, Kiran MR, Kumar SN, Ghosh S, Chitra S, Pandit K, Chandey M, Lyngdoh M. Financial Impact of Diabetes Mellitus Treatment on Indian Patients. Medical Journal of Dr. DY Patil Vidyapeeth. 2025 Sep 1;18(5):764-9.
15. Wander GS, Tewary K, Muruganathan A, et al. A Multispecialty Consensus on Individualized Treatment Strategies for Hypertension Phenotypes and Comorbidities. J Assoc Physicians India. 2025;73(8):77-84. doi:10.59556/japi.73.1092
16. Patwari P, Batra N, Sen K, Saha A, Kumari B, Basu M, Mitra S, Das K, Kamilya G, Baidya A, Maiti A. Nonobese PCOS Compared to Obese PCOS Have Similar Clinical Presentation, Hormonal Profile, and Insulin Resistance. Clinical Endocrinology. 2025 Oct;103(4):567-79.
17. Kesavadev J, Basanth A, Shankar A, Saboo B, Mohan AR, Joshi S, Ghosh S, Krishnan G, Jothydev K, Ashik A. An Overview of Currently Available Injectable Therapies in Diabetes: A Guide to Practitioners. Advances in therapy.
18. Makkar B, Agarwal S, Vishwanathan V, Sahay R, Maheshwari A, Sharma JK, Jethwani P, Ghosh S, Sreenivasamurthy L, Chawla M, Singh NK. RSSDI white paper on diabetes: current status, challenges, and future vision. International Journal of Diabetes in Developing Countries. 2025 Jun 3:1-5.
19. Zargar AH, Bhansali A, Majumdar A, Maheshwari A, Bhattacharyya A, Dasgupta A, Saboo BD, Sethi BK, Sanyal D, Seshadri KG, Deshpande NR. Management of metabolic dysfunction–associated steatotic liver disease (MASLD)—An expert consensus statement from Indian diabetologists' perspective. Diabetes, Obesity and Metabolism. 2025 Jun 2.
20. Ghosh S, Sethi B, Kalra S, Baruah MP, Mane A, Choudhari S, Petare A, Jadhav M, Patil S, Barkate H. Effect of liraglutide biosimilar vs. reference liraglutide on weight reduction in T2DM patients with obesity: post hoc analysis of phase III trial. Cardiovascular Diabetology–Endocrinology Reports. 2025 Mar 25;11(1):6.
21. Wangnoo SK, Bhadada SK, Farishta F, Jayaram Naidu GG, Pattnaik I, Manohar KN, Singh KP, Gupta SK, Bharath HS, Ghosh S. Safety and efficacy of fixed-dose combination of dapagliflozin and saxagliptin in patients with type 2 diabetes mellitus–a phase 4 study in India. Frontiers in Endocrinology. 2025 Mar 3; 16:1528801.
22. Saboo, B., Parikh, R., Gomber, A. et al. Inclusive horizons: charting a supportive path for type 1 diabetes care in India: a TiEUP collaborative white paper. Int J Diabetes Dev Ctries 45, 834–843 (2025). https://doi.org/10.1007/s13410-025-01454-5
23. Parikh RM, Saboo B, Misra A, Basit A, Aravind SR, Bhowmik B, Schwarz P, Dhatariya K, Khunti K, Joshi S, Gupta S. Ahmedabad declaration: A framework to combat growing epidemic of young-onset type 2 diabetes in Asia. Diabetes & Metabolic Syndrome: Clinical Research & Reviews. 2025 Feb 1;19(2):103205.
24. Biswas P, Banerjee S, Bhattacharya P, Mukhoti K, Sarkar M, Chowdhury S, Sahana PK. Serum Lipoprotein (a) and High-Sensitivity C-reactive Protein Correlate with Somatic Parameters Including MLPA Subgroups in Children with Prader-Willi Syndrome. Journal of the Endocrine Society. 2025 Jul;9(7): bvaf082.
25. Sahana PK. PCOS–An underrated condition with myriad problems. Annals of Medical Science & Research. 2025 May 1;4(2):55-7.
26. Chattopadhyay, M., Mukherjee, A., & Sahana, P. (2025). Clinical and Genotypic Insights into Turner Syndrome: Emphasis on Cardiovascular Abnormalities. Journal of the ASEAN Federation of Endocrine Societies. 2025;40(2): 132–137.
27. Mondal A, Banerjee S, Naskar S, Bose C, Saha C, Pramanik S, Mukherjee B, Jati P, Sahana PK, Malik RA, Mukhopadhyay S. miR-27a-3p Upregulation and Netrin-1 Deficiency Drive Inflammatory Responses and Nerve Degeneration in Patients With Diabetes. Eur J Neurol. 2025 Dec;32(12):e70449. doi: 10.1111/ene.70449. PMID: 41351310; PMCID: PMC12680902.

SERVICE INFORMATION

1. Out- patient care (Patients served)- From 01 DEC 2024 To November 30, 2025

	Total number of patients served (new plus old)
Diabetes	81569
Endocrinology	38291

2. Special clinic (Patients served): Dec 24 to Nov 25

	Diabetes Foot Clinic Thursday	**Pediatric Endocrinology Clinic Friday**	**Type 1 DM Clinic Thursday**	**Thyroid nodule Clinic Tuesday**	**Obesity Clinic (Friday)**
No. of patients	1876	1250	1150	456	864

3. Inpatient care (patients served): Dec 24 to Nov 25 Total admission - 171

Male Ward (EC)	**84**
Female Ward (EC)	**103**

4. RIALAB (Immunossay-Immulite 1000/ Advia Centaur) OF ENDOCRINOLOGY
(December 2024- November 2025)

TOTAL TESTS = 37179

FT3	**FT4**	**TSH**	**LH**	**FSH**	**PRL**	**TEST**	**COR**	**GRH**	**INS**	**ATA**
1713	6993	9590	1639	1571	1624	1875	2740	448	426	2410

ATG	**IGF1**	**CPEP**	**ACT**	**AND**	**DHS**	**TG**	**IPT**	**E2**	**CAL**	**SBG**	**BHCG**
277	422	373	736	221	375	277	2787	549	84	49	0

5. Dynamic tests performed in the department

- Short Synacthen test
- Water deprivation test
- HCG stimulation test
- GNRH stimulation test
- Dexamethasone suppression test (ONDST, LDDST, HDDST)
- Growth hormone stimulation and suppression tests
- Inferior petrosal sinus sampling- in collaboration with Interventional Radiology
- Adrenal Venous sampling- in collaboration with Interventional Radiology

Forensic Medicine and Toxicology

FACULTY

Dr. Biswanath Saren, MBBS, MD	Assistant Professor & HOD
Dr. Biplab Shee, MBBS, MD	Professor
Dr. Tanay Mohanta, MBBS, MD	Associate Professor

Senior Resident

Dr. Rohit Sarkar, MBBS, MD

Non-teaching staff

Sri Kaushik Mukherjee, GDA	Sri Anand Mallick, Dome Sri Vicky Mallick, Dome Sri Atish Mallick, Dome

FACULTY NEWS and ACADEMIC ACTIVITY

- Department conducted theory and practical classes for the undergraduate students.
- Conducted 3rd. Professional MBBS, Part-I examinations.
- Conducted role play by undergraduate students (3rd. Professional MBBS, Part-I) on 'Court Procedure in criminal cases' at PERIZIA 2025.
- Dr. Biswanath Saren acted as member of medicolegal experts in Medical Boards constituted by DME, Swasthya Bhavan for age estimation in State Sub-junior and Junior Swimming Championship at Subhas Sarobar.
- Dr. Biswanath Saren was part of Organ Donation awareness Program.
- Dr. Biswanath Saren acted as medicolegal expert in Medical Boards of different committees constituted by DME, Swasthya Bhavan.
- Dr. Biswanath Saren acted as medicolegal expert in Medical Boards of different medical negligence committees constituted by West Bengal Medical Council.
- Dr. Biswanath Saren acted as medicolegal expert in Medical Boards of committees on recommendation from Consumer Dispute Redressal Forum.
- Dr. Biplab Shee acted as medicolegal expert in Medical Boards of different committees constituted by DME, Swasthya Bhavan.
- Dr. Tanay Mohanta acted as medicolegal expert in Medical Boards of different committees constituted by DME, Swasthya Bhavan.
- The faculty members conduct training of Mortuary Attendants.
- Conducted Forensic Nursing Classes for B.Sc. Nursing students of this institute and other various Nursing Institutes.
- Conducted Internship Programs for Biotechnology students from N.I.T, Durgapur and Forensic Science students from Tripura University.
- Dr. Biswanath Saren opined on age being Chairman of committee along with Departments of Radiology and Dentistry.

PUBLICATIONS

- Prospective autopsy audit in a teaching hospital at Kolkata. Int J Acad Med Pharmacy 2025; 7(5): 144-8. Dr. Biswanath Saren (as First Author)
- Evaluation of macroscopic and microscopic changes of placenta complicated by pregnancy induced hypertension with intra uterine growth restriction of foetus versus pregnancy induced hypertension

without intra uterine growth restriction of foetus - a comparative study. Int J Med Pub Health 2025; 15(4): 572-79. Dr. Biswanath Saren (as Second Author)

RESEARCH PROJECTS ONGOING

1. "Case series of fatal self-inflicted cut throat injuries", study is presently being conducted by Dr. Biswanath Saren Indrani after obtaining clearance from the ethical committee.
2. "Homicidal cut throat injuries- case series", study is presently being conducted by Dr. Biswanath Saren after obtaining clearance from the ethical committee.
3. "Study on the circumstances of sexual offences and sociodemographic profile of the alleged male accused in Kolkata, West Bengal, India" by Dr. Biswanath Saren.
4. "Paediatric victims in forensic autopsy in a tertiary teaching hospital of West Bengal - A two-year retrospective study" by Dr. Biswanath Saren, Dr. Rohit Sarkar and Dr. Tanay Mohanta.
5. "Unnatural death pattern of adolescent in and around Kolkata, West Bengal" by Dr. Biswanath Saren, Dr. Tanay Mohanta and Dr. Rohit Sarkar.

SERVICE INFORMATION

1. Department conducted 2706 postmortem examinations in the year 24-25.
2. Medicolegal Examination of 51 subjects in relation to sexual offence.
3. All faculty members attended courts and other judicial enquiries to render their services as expert witness.
4. Faculty members acted as medicolegal experts in Medical Board of different committees in the institution.
5. Dr. Biswanath Saren acted as medicolegal expert in Medical Boards of different committees constituted by DME, Swasthya Bhavan.
6. Dr. Biswanath Saren is presently member of Internal Committee.

SPECIAL CONTRIBUTIONS AND OTHER SPECIAL ACHIEVEMENTS

- Autopsy surgeons of this department perform postmortem examination of deceased organ donors at the site of organ retrieval, to ensure minimum distress to the next of kin and relatives of the deceased organ donor.
- Autopsy surgeons of this department performed 2nd postmortem examination following exhumation as ordered by Hon'ble High Court, Kolkata.
- Dr. Biswanath Saren examined and opined in many sensitive medicolegal cases.

Infectious Diseases

FACULTY

Dr. Yogiraj Ray, MD. DM (Infectious Diseases)	Associate Professor & Head
Dr. Ayan Basu, MD. DM (Infectious Diseases)	Associate Professor
Dr. Nazneen Nahar Begam, MD. DM (Infectious Diseases)	Assistant Professor

Senior Residents

- Dr. Christy John Varghese MD (General Medicine)
- Dr. Lemna Jacob MD (General Medicine)
- Dr. Pranav Kamat DNB (General Medicine)
- Dr. Prudhvi Krishna Nakula MD (General Medicine) Dr Susenjit Mullick MD (General Medicine)

Housestaff

• Dr. Amartya Saha, MBBS • Dr. Asfaque Ahmed, MBBS • Dr. Jafar Ahmed Choudhury, MBBS • Dr. Hemal Murmu, MBBS • Dr. Mihir Kedia, MBBS	Dr. Rinkal Patel, MBBS Dr. Ahsan Ramiz Mullick, MBBS Dr. Sayan Patra, MBBS Dr. Sayan Sarkar, MBBS Dr. Taniya Mochhary, MBBS

ACADEMIC ACTIVITY

- DM (Infectious Diseases) - started in November, 2021 with 2 faculties. Now 3 faculties. NMC approved 2 seats in 2023. Now there are 5 PDTs.

PUBLICATION BY FACULTY, STUDENTS AND RESEARCH SCHOLARS

- Dikshit N, Basu A, Dikshit NA, Prasad GH. Autoimmune hemolytic anemia approach in a tertiary care center. JIMA Sept 2024; 122 (9): p 33-39,
- Jacob L, Basu A, Paul D, Ray Y, Begam NN, John CV. *Strongyloides stercoralis* hyperinfection syndrome. Lancet Infect Dis. 2024 Sep;24(9):e601
- Lodha S, Biswas S, Basu A, Pal N, Das B, Ray Y. Cervicofacial actinomycetoma presenting with black grain: A Rare Clinical Scenario. J Assoc Physicians India. 2024 Aug;72(8):83-85.
- John CV, Basu A, Bose D, Ray Y. Transient Pure Red Cell Aplasia in a Case of Plasmodium falciparum and Parvovirus B19 Coinfection. Am J Trop Med Hyg. 2025 Oct 21;113(6):1276-8.
- Ahamed SM, Paul Dipankar, Basu A, Ray Y, Begam NN. *Fasciolopsis buski* diagnosed by upper gastro intestinal endoscopy. Accepted in JAPI in Dec 25
- Mondal A, Basu A, Modak DC, Goswami RP. A systematic review and meta-analysis of clinical trials comparing arterolane-piperaquine vs. artemether-lumefantrine for the treatment of uncomplicated falciparum malaria. Journal of Postgraduate Medicine 71(4):p 170-179, Oct-Dec 2025.

RESEARCH PROJECTS AND ACTIVITY

- Dr Yogiraj Ray, National COVID registry completed in August 2024
- Dr Ayan Basu, as Co PI in CDC AIIMS study "Burden & sequelae of Influenza, COVID-19 and other respiratory viral diseases associated SARI among adult Indian population aged 18-60 yrs"

SERVICE INFORMATION

Service areas
Inpatient care: 1st floor of SNP Hospital.
OPD: Ground floor, SNP Hospital.

Total number of Infectious Diseases Beds: 30 with 2 isolation beds.

Facilities available

Referral services

OPD: Monday & Friday 9.00 a.m. -2.00 p.m.
Total no. of patients attended in 2024 = 3128

IPD admission = 578

SPECIAL CONTRIBUTIONS

Dr. Yogiraj Ray

- Lecture on Therapeutic Drug Monitoring on TB in MACID national conference at KMC, Manipal
- Lecture at HOPECON 2024
- Lecture on fasciola parasite under ITAP.
- Arranged workshop on Onco ID at Tata Medical Centre.
- Attended meetings on different state health committees like EDL (Essential Drug List), tackling AMR (Anti Microbial Resistance), Extra pulmonary TB
- Training given in multiple sessions on different aspects of EPTB arranged by NTEP

Dr Ayan Basu

- Lecture on Plasmodium knowlesi in APICON 2025
- Attended as chairperson in HOPECON 2025
- Attended as chairperson in STMIDI 2025
- Attended as speaker in AMSCON 2025
- Attended as speaker in 16th International Conference on Vector Borne Diseases 22.11.25

Institute of Cardiovascular Sciences
Cardiac Anesthesiology

The Department of Cardiac Anesthesiology started its journey in the year 2011 on 11.02.2011. This Department was the 3rd in India (after AIIMS, New Delhi and Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram) of its kind and the first such independent department in Eastern India. The post-doctoral course of DM (Cardiac Anesthesiology) was introduced under West Bengal University of Health Sciences with intake of 02 Postdoctoral Trainees per year from August 2011 and subsequently recognized by the erstwhile Medical Council of India. This was the first DM course in Cardiac Anesthesiology in Eastern India.

The Department started with the following staff:

1.	Professor and Head	Dr. Anupam Goswami
2.	Associate Professor	Dr. Chaitali Sen
3.	Assistant Professor	Dr. Kakali Ghosh
4.	RMO cum Clinical Tutor	Vacant

PRESENT FACULTY

1.	Dr. Chaitali Sen (Dasgupta), MD (AIIMS), DNB, DM (AIIMS), MNAMS	Professor and Head
2.	Dr. Kakali Ghosh, MD (WBUHS), DM-Cardiac Anesthesiology (WBUHS)	Professor
3.	Dr Sandeep Kumar Kar, MD	Assistant Professor
4.	Dr Tiasha Das, MBBS	RMO cum Clinical Tutor

Senior Residents

1.	Dr. Giriraj Sharma, DA, DNB, DM, FIACTA, FTEE	SR since 03.01.2024
2.	Dr Sourav Das, MD, DM, FIACTA, FTEE	SR since 14.11.2025

PAST FACULTY

1.	Dr. Anupam Goswami, MD	Former Professor and Head; Retired on 30.11.2018
2.	Dr Soumi Das, MD, DM, FIACTA	Promoted to Professor and transferred to Calcutta Medical College
3.	Dr Sandeep Kumar Kar, MD	Promoted to Associate Professor and transferred to North Bengal Medical College
4.	Dr Tiasha Das, MBBS	Joined in Kalyani Medical College as MD Anatomy Student

DM in Cardiac Anesthesiology

Candidates passed DM

Till now **26 candidates** have passed **DM in Cardiac Anesthesiology** in MCI/NMC recognized seats

SN	Name	Year	Remarks	Other Achievement
1.	Dr. Kakali Ghosh, MD	Aug 2014	1st Attempt	FIACTA
2.	Dr. Monalisa Datta, MD	Aug 2014	1st Attempt	
3.	Dr. Jyoti Ranjan Parida, MD	Aug 2015	1st Attempt	
4.	Dr. Somnath Dey, MD	Aug 2015	1st Attempt	
5.	Dr. Anusua Banerjee, MD	Aug 2016	1st Attempt	
6.	Dr. Deepanwita Das, MD	Aug 2016	1st Attempt	
7.	Dr. Tanmoy Ganguly, MD	Aug 2017	1st Attempt	
8.	Dr. Soumi Das, MD	Aug 2017	1st Attempt	FIACTA
9.	Dr. Harneet Singh Khurana, MD	Aug 2018	1st Attempt	
10.	Dr. Sushmit Kamat, DA, DNB	Aug 2018	1st Attempt	FIACTA, FTEE, DrNB (Cardiac Anesthesia), MNAMS
11.	Dr. Neeta Basak, MD	Aug 2019	1st Attempt	DNB, FIACTA, FTEE

12.	Dr. Gayatri Balabantaray	Aug 2020	1st Attempt	
13.	Dr. Illangovan P.	Aug 2021	1st Attempt	FTEE
14.	Dr. Pallav Mishra, FNB (Critical Care)	Aug 2021	1st Attempt	
15.	Dr. Gaurav Gogoi	Aug 2022	1st Attempt	
16.	Dr. Debjani Saha	Aug 2022	1st Attempt	FIACTA, FTEE, DrNB Cardiac Anesthesia (securing 1st position)
17.	Dr. Pavan Kumar Dammalapati	Dec 2023	1st Attempt	FIACTA, FTEE
18.	Dr. Giriraj Sharma	Dec 2023	1st Attempt	FIACTA, FTEE
19.	Dr. Bijaya Kumar Sethy	Dec 2023	1st Attempt	FIACTA, FTEE
20.	Dr. Payal Trigunait	Dec 2023	1st Attempt	FIACTA, FTEE
21.	Dr. Abhinandan Mondal	Dec 2023	1st Attempt	FIACTA, FTEE, DrNB (Cardiac Anesthesia)
22.	Dr Nilanjan Chakrabarty	April 2025	1st Attempt	FTEE
23.	Dr Arnab Samanta	April 2025	1st Attempt	FTEE, FIACTA
24.	Dr Elvis Senthil	April 2025	1st Attempt	FTEE
25.	Dr Sohini Majumder	April 2025	1st Attempt	FTEE (Secured 1st position in FTEE), FIACTA
26.	Dr Sourav Das	April 2025	1st Attempt	FTEE,FIACTA

All of the above-mentioned ex-students are now well placed in their field:

SN	Year of Passing	Name of the candidate	Where posted now
1.	2014	Dr. Kakali Ghosh, MD, DM, FIACTA	Professor, IPGME&R, Kolkata
2.		Dr. Monalisa Datta, MD, DM	1.Consultant Cardiac Anesthesiologist in AMRI, Mukundapur, Kolkata 2. Consultant Cardiac Anesthesiologist, Ramkrishna Mission Seva Pratisthan, Hazra
3.	2015	Dr. Jyoti Ranjan Parida, MD, DM	Senior Consultant in Cardiac Anaesthsia, Sum Ultimate Medicare, Bhubaneswar
4.		Dr. Somnath Dey, MD, DM	Senior Consultant in Cardiac Critical Care, Deptt of Interventional Cardiology, Medica Superspeciality Hospital
5.	2016	Dr. Anusu a Banerjee, MD, DM, EDIC I	a) Consultant in Cardiac Anaesthsia, Woodlands Multispeciality Hospital, Kolkata b) Contractual Consultant in Deptt of Cardiac Anesthesia, IPGME&R, Kolkata
6.		Dr. Deepanwita Das, MD, DM	Specialist Grade II, Assistant Professor, Chittaranjan National Cancer Institute, Kolkata
7.	2017	Dr. Tanmoy Ganguly, MD, DM	Associate Consultant in Rabindranath Institute of Cardiac Sciences, Kolkata
8.		Dr Soumi Das, MD, DM, FIACTA	Associate Professor, IPGME&R, Kolkata
9.	2018	Dr Harneet Singh Khurana, MD, DM	Assistant Professor, Cardiac Anesthesia and Critical Care, Dayanand Medical College and Hospital, Ludhiana
10.		Dr. Sushmit Kamat, DA, DNB, DM, FIACTA, FTEE, DNB (Cardiac Anesthesia), MNAMS	Assistant Professor, Department of Cardiac Anesthesiology, Goa Medical College
11.	2019	Dr Neeta Basak, MD, DNB, FIACTA, FTEE	Junior Consultant Cardiac Anesthesia, Mission Hospital, Durgapur, West Bengal
12.	2020	Dr Gayatri Balabantaray, DNB, DM	Consultant Cardiac Anesthesia, KIMS Sunshine Hospital, Hyderabad
13.	2021	Dr Illangovan P., DNB, DM	Associate Professor, Cardiac Anesthesia, Christian Medical College, Vellore
14.		Dr Pallav Mishra, MD, FNB (Critical Care), DM	Yashoda Hospital, NCR as Consultant, Cardiac Anesthesia
15.	2022	Dr Gaurav Gogoi, MD, DM	Consultant, Cardiac Anesthesia, Health City Hospital, Guwahati
16.		Dr Debjani Saha, MD, DM, FIACTA, FTEE	Consultant, Cardiac Anesthesia, Peerless Hospital and B.K. Roy Research Centre, Kolkata
17.	2023	Dr Pavan Kumar Dammalapati DA, DNB, DM, FIACTEE, FTEE	Consultant Cardiac Anesthesiologist, Aster Ramesh Hospital, Vijaywada
18.		Dr Giriraj Sharma, DA, DNB, DM, FIACTA, FTEE	SR on bond posting, Dept of Cardiac Anesthesia, IPGME&R, Kolkata
19.		Dr Bijaya Kumar Sethy, MD, DM, FIACTA, FTEE	Associate Consultant, Cardiac Anesthesia, Sum Ultimate Medicare Hospital, Bhubaneshwar

20.		Dr Payal Trigunait, DNB, DM, FIACTA, FTEE	Consultant, Cardiac Anesthesia, Manipal Hospital, Mukundapur
21.		Dr Abhinandan Mondal, MD, DM, DrNB, FIACTA, FTEE	Associate Consultant, Cardiac Anesthesia, Apollo Multispeciality Hospital, Kolkata
22.	2024	Dr Nilanjan Chakravarty, MD, DM, FTEE	Associate Consultant, Cardiac Anesthesia, Manipal Hospital, Dhakuria
23.		Dr Elvis Senthil, MD,DM, FTEE	Associate Consultant, Cardiac Anesthesia, Apollo Multispeciality Hospital, Kolkata
24.		Dr Arnab Samanta, MD,DNB, DM, FTEE, FIACTA	Associate Consultant, B.M. Birla Heart Research Centre, Kolkata
25.		Dr Sohini Majumdar, MD, DNB, DM, FTEE, FIACTA	Associate Consultant, B.M. Birla Heart Research Centre, Kolkata
26.		Dr Sourav Das, MD, DM, FTEE, FIACTA	Senior Resident, IPGME&R, Kolkata

There has been no exit examination for DM cardiology in 2025 – the outgoing batch will appear in the University examination in Jan, 2026.

Present Postdoctoral Trainees

3rd year	2nd year	1st year
Dr. Arghya Saha, MD, FTEE Dr. Ashish Chauhan, MD, FTEE Dr. Bhaskar Sarkar, MD Dr. Priyanka Maitra Karak, MD Dr. Vikrant Narayanrao Ghode, MD	Dr. Anish Pan, MD Dr. Chung Chung Kipa Lachungpa, MD Dr. Anmol Singh, MD Dr. Aravind S., MD Dr. Vidagdhamay Biswas, MD	Dr. Monalisa Sarkar , MD Dr. Shuvodeep Das MD Dr. Neeraj Kumar, DNB Dr. Rushna Sarma, MD Dr. Suraiya Parveen, DNB

FACULTY NEWS

Dr. Chaitali Sen (Dasgupta) (Professor and Head)

- Guide or Co- guide of 14 (Fourteen) DM (Cardiac Anesthesiology) students
- Examiner for DM Cardiac Anesthesiology
- Thesis Evaluator of DM students of different Universities
- DM examination paper setter in different Universities
- Examiner of BSc Physician Assistant, BSc Critical Care and BSc OT Technician Courses under WBUHS
- Guest Faculty in IACTACONWB 2025 conducted by Indian Association of Cardiothoracic Anesthesiologists (West Bengal)
- Guest Faculty in Association of Cardiothoracic Surgeons West Bengal 2025
- Guest Faculty in Cardiac Anesthesia Refresher Course 2025
- Guest Faculty in various online classes including Indian College of Anesthesiology and IACTA West Bengal
- Takes regular classes for DM and MD, BSc Nursing students
- Conducts the course of BSc Physician Assistant
- Active participation in all Heart Transplantation in SSKM Hospital done so far. (Total 08 cases done so far).
- Active participation in Lung Transplantation in SSKM Hospital done so far. (Total 02 case done successfully).
- Active participation of Heart Lung Transplant in IPGMER (Total 01 case done)
- Active member of ECMO Team
- Ex Executive Body Member of ISAWB
- Ex-Scientific Secretary in Indian Society of Anesthesiologists (West Bengal)
- Ex-Scientific Secretary in Association of Cardiac and Thoracic Anesthesiologists of West Bengal
- Ex Vice President in Association of Cardiac and Thoracic Anesthesiologists of West Bengal
- Ex- President in Association of Cardiac and Thoracic Anesthesiologists of West Bengal
- Ex Executive Council Member in Indian Society of Cardiac and Thoracic Anesthesiologists

Dr. Kakali Ghosh (Professor)

- Promotion to post of Professor, Cardiac Anesthesia, IPGME&R
- Guide or Co-Guide of 05 Postdoctoral trainees in DM Cardiac Anesthesiology

- Takes regular classes for DM and MD students, BSc Physician Assistants
- Examiner in university exit exams of BPA in IPGME&R and BPerf students in R.G.Kar medical college and OT technology students in Medical College, Kolkata.
- DM examination paper setter 2026 of WBUHS.

ACADEMIC ACTIVITIES of the Post Doctoral Students

1. Regular classes, Seminars, Lectures, Case Presentation and hands-on training for DM (Cardiac Anesthesiology) and MD (Anesthesiology) students in OT and ICU.
2. CME programs organized by INDIAN SOCIETY OF ANAESTHESIOLOGISTS, and INDIAN SOCIETY OF CARDIOTHORACIC ANASESTHESIOLOGISTS, both at National and State level.
3. Attend various conferences at state, zonal, national, and international levels.
4. Observership in Cardiology Department of IPGMER to have hands on training in Transthoracic Echocardiography for two months (One month in First year and one month in Third Year).
5. Observership for one month in any high-volume institute of India for training in pediatric and neonatal cardiac surgery and anesthesia.
6. They are encouraged for publication of research articles, case reports, review articles in different journal of national and international repute.
7. They are encouraged to attend Different Workshops of Cardiac Anesthesia at national and state level.

Postgraduate Trainees in Anesthesiology are posted to this Department for **OBSERVERSHIP** in Cardiac Anesthesiology from:

1. Department of Anesthesiology, IPGME&R, Kolkata
2. Department of Anesthesiology, Burdwan Medical College, Burdwan
3. Department of Anesthesiology, Bankura Medical College, Bankura
4. Department of Anesthesiology, Medical College, ESIC Hospital, Sealdah, Kolkata
5. Department of Anesthesiology, Medical College, ESIC Hospital, JOKA, Kolkata
6. Department of Anesthesiology, KPC Medical College, Jadavpur, Kolkata
7. Department of Anesthesiology, I-Care Institute of Medical Sciences, Haldia
8. Department of Anesthesiology, Ruby Hospital Kolkata
9. Department of Anesthesiology, Durgapur Steel Plant Hospital, Durgapur
10. Department of Anesthesiology, B. R. Singh Hospital, Eastern Railway, Kolkata

ONGOING RESEARCH IN THE DEPARTMENT

Name | Guides	**Topic**
Dr Bhaskar Sarkar Guide: Dr Chaitali Sen Co Guide: Dr Soumi Das	Comparison between left atrial function index and pulmonary venous flow reversal in predicting post-operative atrial fibrillation following off-pump coronary artery bypass graft surgery: a prospective observational study
Dr Arghya Saha Guide: Dr Sandeep Kumar Kar Co Guide: Dr Chaitali Sen	Comparison of Myocardial protection between Adenosine-Lignocaine-Magnesium Polarizing Cardioplegia and St. Thomas Cardioplegia in Routine Elective Adult Cardiac Surgery: Randomized Double Blinded Controlled Trial.
Dr Ashish Chouhan Guide: Dr Chaitali Sen	Effects of Levosimendan or Milrinone on regional cerebral oxygen saturation in patients undergoing off pump coronary artery bypass grafting - A randomized controlled trial
Dr Priyanka Maitra Karak Guide: Dr Soumi Das Co Guide: Dr Chaitali Sen	Study of correlation between tissue oximetry and global tissue perfusion markers during and after pediatric cardiac surgery
Dr Vikrant Narayanrao Ghode Guide: Co Guide:	Immediate left ventricular response to Aortic valve replacement surgery in Aortic stenosis and Aortic regurgitation
Dr Anish Pan Guide: Dr Soumi Das Co Guide: Dr Chaitali Sen	Association of left ventricular arterial decoupling with selected adverse outcomes after coronary artery bypass grafting surgery - an analytical observational study
Dr Chung Chung Kipa Lachungpa Guide: Dr Soumi Das Co Guide: Dr Chaitali Sen	Association between Vexus and CVP in Coronary Artery Bypass Graft Surgery Patients
Dr Shatrughan Kumar Guide: Dr Sandeep Kumar Kar	Effect of oral riociguat and oral tadalafil on RV function in patients with moderate to severe pulmonary arterial hypertension posted for valve replacement surgery.

Co Guides: Dr Avijit Hazra Dr Prakash Sanki	
Dr Aravind S. Guide: Dr Chaitali Sen Co Guide: Dr Soumi Das	Evaluation of aortic acceleration time to ejection time ratio as a transesophageal echocardiography parameter to grade severity of native valve aortic stenosis-an analytical observational study.
Dr Anmol Singh Guide: Dr Chaitali Sen	Echocardiographic and biochemical outcomes of right heart dysfunction in patients undergoing valve replacement surgery for stenotic lesions of the mitral valve- a therapeutic comparison of milrinone vs levosimendan – the ECHOBIOM trial

Recent publications from the department

1. ERAS in OPCAB surgery. Single centred randomized controlled trial experience in a tertiary care hospital, International Journal of Scientific Research, Volume - 14 | Issue - 02 | February – 2025.
2. Comparison of tricuspid annular systolic excursion measurement between transthoracic and transesophageal echocardiography in the perioperative setting, Ind J of Anaesth and Analg, 2025; 12 (3):207-215
3. A study on the outcome of preoperative pulmonary function tests on a patient undergoing rheumatic mitral valve surgery. Journal of Anaesthesiology Clinical Pharmacology. 2024 Jul 1;40(3):470-7.
4. Majumdar S, Dammalapati PK, Kar SK, Sanki PK, Dasgupta CS. Bronchial carcinoid: a neuroendocrine manifestation-presented as bronchospasm and hypertension during resection. Indian J Thorac Cardiovasc Surg. 2024 Sep;40(5):603-607.
5. Analysis of preoperative and postoperative blood gas indices and airflow dynamics with tracheal stenosis undergoing tracheal reconstruction. Indian J Thorac Cardiovasc Surg. 2024 Jul;40(4):440-443.

Other achievements in 2025

- The Department of Cardiac Anesthesia has started Three Years BSc Physician Assistant Course under the West Bengal University of Health Sciences. 4th (Fourth) batch has been admitted this year. The 1st Year has finished their Rotatory Internship Training this year.

SERVICE INFORMATION

CLINICAL WORK IN THE DEPARTMENT

1. Pre-anesthesia Clinic on every Tuesday, Thursday and Friday
2. Pre-anesthetic re-evaluation of all the patients on day before surgery
3. Pre-anesthetic Evaluation of the Referred cases.
4. Perioperative Cardiac Clinic on Thursday and Friday
5. Transthoracic Echocardiographic Evaluation of Patients on day before surgery.
6. Transesophageal Echocardiography of patients perioperatively
7. Anesthesia given to patient for
    - Cardiac surgeries (Adult and Pediatric and Neonate)
    - Thoracic surgeries (Adult and Pediatric)
    - Vascular Surgeries
    - Esophageal surgeries
    - Mediastinal Mass Resection
    - Heart Transplant (Donor and Recipient)
    - Lung Transplant (Donor and Recipient)
8. Anesthesia given to pediatric and adult patients in Cath Lab for
    - Diagnostic and Therapeutic Procedures
9. Round the clock Emergency service for CTVS OT
10. Round the clock CTVS Recovery Patients' care
11. ECMO support as and when necessary, in the Cardiac Postoperative Recovery unit.

Anesthesia given to patient for following surgeries (Monthwise statistics)

Month	On-pump CABG	OPCAB	Valve Surgery			Congenital Heart Surgery				Thoracic	Others	Emergency	Total
			Aortic	Mitral	Multiple	ASD	VSD	TOF	Others				
2024													
December	0	3	3	8	1	4	0	1	0	14	14	22	70
2025													
January	0	7	2	5	4	4	4	1	1	17	20	28	93
February	1	5	2	6	2	4	4	0	2	10	13	19	58
March	2	4	2	5	1	6	4	1	2	9	24	17	77
April	0	7	2	8	4	8	1	2	0	15	38	11	96
May	1	5	4	5	3	7	5	0	3	9	17	14	73
June	0	7	1	8	0	6	8	1	3	13	15	16	78
July	2	6	3	8	1	10	4	2	2	13	14	13	78
August	0	8	2	2	2	11	6	0	5	6	39	26	107
September	0	5	1	7	3	9	5	0	1	14	18	11	74
October	0	5	3	8	0	7	5	1	4	10	12	12	67
November	0	6	4	8	4	7	1	1	1	19	10	25	85
Total cases done from December 2024 to November 2025													956

Anesthesia given to pediatric and adult patients in Cath Lab for various Diagnostic and Therapeutic Procedures

Month	Diagnostic procedure	Device closure	PPM	TEE	EVAR / TEVAR	BPV / BAV/ BMV	Total
2024							
December	7	16	0	3	1	1	28
2025							
January	14	30	1	0	2	3	50
February	5	16	0	2	2	0	25
March	14	17	0	1	1	3	36
April	5	39	0	1	2	1	48
May	23	25	0	2	0	2	52
June	16	17	0	3	0	1	37
July	17	22	0	0	1	2	45
August	18	21	2	0	1	0	42
September	8	18	1	0	1	1	29
October	7	9	0	0	1	1	18
November	11	30	0	0	1	4	46
Total number of cases done in CATH LAB from December 2024 to November 2025							456

Total number of Transplant and ECMO from December 2024- to November 2025

Transplant	Number	Date
Lung	1	04.01.2025
Heart	1	23.04.2025
Heart-Lung	0	
ECMO	02	

Cardiology

FACULTY

Name	Designation
Dr. Goutam Datta	Professor&Head
Dr. Sankar Chandra Mandal	Professor
Dr. Saroj Mandal	Professor
Dr. Pradip Kumar Ghosal	Associate Professor
Dr. Asit Das	Associate Professor
Dr. Pradip Kumar Saha	Associate Professor
Dr. Tushar Kanti Patra	Associate Professor
Dr. Gouranga Sarkar	Assistant Professor
Dr. Rajarshi Mondal	Assistant Professor
Dr. Kaushik Paul	RMO
Dr. Koushik Bandopadhyay	RMO
Dr. Niloy Banerjee	RMO

Senior Residents

Dr. Saikat Prasad Datta	MD, DM	SR (in bond period)
Dr. Sabyasachi Roy	MD, DM	SR (in bond period)
Dr. Amritesh Biswas	MD, DM	SR (in bond period)
Dr. Mrinal Kanti Manna	MD, DM	SR (in bond period)
Dr. Suman Ghosh	MD, DM	SR (in bond period)
Dr. Debdutta Kar	MD, DM	SR (in bond period)
Dr. Prantik Bhattacharya.	MD, DM	SR (in bond period)
Dr. Abhishek Naskar.	MD, DM	SR (in bond period)
Dr. Arijit Saha.	MD, DM	SR (in bond period)

Postdoctoral trainees

Session 2022-2025	Session 2023-2026	Session 2024-2027
Dr. Souradeep Das	Dr. Souvik Sarkar	Dr. Priya Jena
Dr. Pranabananda Pal	Dr. Enamul Hossain	Dr. Dipanjana Bakshi
Dr. Amitesh Ranjan	Dr. Indraneel Bose	Dr. Basudeb Ghosh
Dr. Indranil Ghosh	Dr. Shreyansha Chowdhury	Dr. Saikat Das
Dr.Subhabrata Patra	Dr. Aniket Chatterjee	Dr. Shuvam Kumar Sanghai
Dr. Himadri Roy	Dr. Tanmay Modi	Dr. Kamran Ahmad Quraishi
Dr. Sayantan Panda	Dr. Anamika Bhadra	Dr. Purnendu Mukherjee
Dr. Nur Nabab Mollah	Dr. Shubham Tewary	Dr. Arka Bandyopadhyay
Dr. Bablu Nandi	Dr. Sikhar Bansal	

Medical Officers and Housestaff

Medical Officers	House Staff
Dr. Paramartha Bhattacharya Dr. Sujata Bhadra Dr. Soumitra Banerjee	Dr. Sayed Miswa Ul Hoque. Dr. Soumajit Metia. Dr. Sohel Rana. Dr. Bhaskar Das.

CathLab Technologist	CathLab Technologist	Medical Technologist (ECG)
• Saptarshi Kundu • Srikanta Ghosh • Aneek Giri Goswami • Debayan Sinha • Tanmoy Roy • Suman Naskar • Pritam Biswas • Chiranjit Mondal	• Bharat Barman • Lakshman Koley • Sandip Podder • Gour Hari Das • Sakti Pada Jana • Dipak Kumar Pal • Kabita Pal	• Satyajit Saha • Santanu Sen Sharma • Suman Krishan Kundu • Samir Kumar Hazra • Md. Rasidul Haque Mollah • Rohan Chakraborty • Md. MasroorAlam • Mrinal Chandra Halder • Atanu Paul • Mahinur Begam • Dilip Kumar

FACULTY NEWS

Prof. Goutam Datta (Head)
Contribution in different conference as faculty & speaker

- Primary PCI in anomalous coronary artery. JACC April,2025.
- Left main trifurcation angioplasty TCT,USA,2025.
- Principal Investigator: National Pregnancy and adverse outcome study.
- National Faculty. India Live,NIC,CSI.

Article published

- "A Comparative Study of Chronic total occlusion-percutaneous with and without intravascular ultrasound –guided wiring with respect to acute procedural outcome. A single center experience, Published in "Asian Journal of Cardiology in December 2025.
- "Evaluation of echocardiographic parameters in patients of acute right ventricular myocardial infarction and its association with in-hospital outcome "-Anubhav Prakash, Pradip Saha, Pradip Kumar Ghoshal, Goutam Datta, Saroj Mondal, Abhisek Naskar, Bablu Nandi. Published in Asian Journal Of Medical Sciences, July 2025.Published in Indian Journal Of Cardiology,2025.

Prof. Sankar Chandra Mandal

- Successfully running National Heart Failure Register in collaboration with Medical College, Kolkata.
- Successfully running DEB study "Prospective, Multicentric, single arm trial to evaluate safety and performanceofSELUTIONandSELUTIONPROsirolimusdrugcoatedballooninthemanagementof coronary artery disease.
- BecameExaminerofDNBexamination
- CSINational(Lucknow)andState(Kolkata) levelpresenterandGuestFaculty

Ongoing Study

- A Phase 3, Randomized, Double-blind, Placebo-controlled, Event-driven Study to Demonstrate the Efficacy and Safety of Milvexian, an Oral Factor XIa Inhibitor, after a Recent Acute Coronary Syndrome (Study stopped due to GTED reached)
- A Phase 3, Randomized, Double-Blind, Double-Dummy, Parallel Group, Active-Controlled Study to Evaluate the Efficacy and Safety of Milvexian, an Oral Factor XIa Inhibitor, Versus Apixaban in Participants with Atrial Fibrillation (Recruitment stopped)
- A Phase 3, multicenter, randomized, double-blind, placebo-controlled, parallel-group study to evaLuate the effIcacy and safety of abeLacimab in high-risk patients with Atrial fibrillation who have been deemed unsuitable for oral antiCoagulation (LILAC)
- A Phase III, Randomised, Double-blind Study to Evaluate the Effect of Balcinrenone/Dapagliflozin, Compared with Dapagliflozin, on the Risk of Heart Failure Events and Cardiovascular Death in Patients with Heart Failure and Impaired Kidney Function
- A Phase IIb Two-Cohort, Randomised, Placebo-controlled, Double-blind, Multi-centre, Dose-ranging Study of AZD5462 in Stable Patients with Chronic Heart Failure (Recruitment stopped)
- A Phase III, Randomised, Double-blind, Placebo-controlled, Event-driven Study to Evaluate the Effect of Baxdrostat in Combination with Dapagliflozin Compared with Dapagliflozin Alone on the Risk of Incident Heart Failure and Cardiovascular Death in Participants with Increased Risk of Developing Heart Failure(on-going)

Articles published

- Optimizing Proton Pump Inhibitor Therapy in Cardiovascular Polypharmacy: Expert Opinion and the Role of Rabeprazole. Krishnakumar P, Sankar Chandra Mondal, Hema Rath, Kamaldeep Chawla.Published in Hypertension Journal in Jan 2025.

Prof. Saroj Mondal

Articlepublished

- Rotational Atherectomy versus Cutting Balloon Angioplasty in Severely Calcified Coronary Lesions: A Prospective Single-Center Comparative Study".- Dr Sayantan Panda, Dr. Gouranga Sarkar, Dr Anamika Bhadra, Dr. Saroj Mandal. Published on : 29/10/2025.
- " Myocardial Infarction in Young Adults: Evaluation of Risk factors, clinical characteristics and Angiographic Patterns."- Dr. Gouranga Sarkar, Dr. Kausik Bandyopadhyay, Dr Mrinal Kanti Manna, Dr Kaushik Paul and Dr. Saroj Mandal. Published: 31/07/2025.

Dr. Pradip Kumar Ghosal
Article published

- "Evaluation of echocardiographic parameters in patients of acute right ventricular myocardial infarction and its association with in-hospital outcome "-Anubhav Prakash, Pradip Saha, Pradip Kumar Ghoshal, Goutam Datta, Saroj Mondal, Abhisek Naskar, Bablu Nandi. Published in Asian Journal Of Medical Sciences, July 2025.

Dr. Asit Das
Contribution in different conference as faculty & speaker

- Panelist in challenging CD cases presentation (CTO)
- Presented a case, titled," Handling a double evil when CTO meets bifurcation- failing antegrade successful recanalization retrogradely"

Articles published:

- "Cardiac Resynchronization Therapy in Difficult Coronary Sinus Anatomy Left Ventricular Endocardial Approach"- Asit Das, Nur Nabab Mollah, Priya Jena, Shubham Tewary, Gaurav Lakhani .Published in Journal of American College of Cardiology 2025.
- "Left bundle branch area pacing or conventional cardiac resynchronization therapy: an Electrophysiology-guided tailored approach" - Asit Das,Gaurav Lakhani . Published in Journal of Interventional Cardiac, November 2025.

Dr. Pradip Saha

Publications

- "Evaluation of echocardiographic parameters in patients of acute right ventricular myocardial infarction and its association with in-hospital outcome "-Anubhav Prakash, Pradip Saha, Pradip Kumar Ghoshal, Goutam Datta, Saroj Mondal, Abhisek Naskar, Bablu Nandi. Published in Asian Journal Of Medical Sciences, July 2025.Published in Indian Journal Of Cardiology,2025.

Dr. Tushar Kanti Patra
Publications

- "Navigating risks and rewards in percutaneous transcatheter mitral commissurotomy: A multicenter hemodynamic analysis of safety and efficacy in symptomatic mitral stenosis"- Soumik Ghosh, Tusharkanti Patra, Arjun Tandon, Vikas Agrawal. Published in Cardiology Lett. 2025.
- "Epidemiology of Thyroid Diseases in Patients of Heart Failure in a Tertiary Care Hospital of Eastern India: A Cross-sectional Study" - Soham Biswas, Pinaki Sarkar and Tushar Kanti Patra. Published In Indian Journal Of Clinical Cardiology,2025.

Dr. Gouranga Sarkar
Publications

- A Comparative Diagnostic Paradigm of Pulmonary Lesions: An Integrative Evaluation of Bronchial Brush Cytology, Broncho-alveolar lavage, Bronchoscopic Biopsy, and CT-Guided FNAC"-
- Dr Birupaksha Biswas, Dr.Gouranga Sarkar, Dr. Hem Narayan Jha, Dr. Suhena Sarkar, Dr.Debtanu Hazra. Published in "The Journal of Heart Valve Disease" on 27.06.25.
- A Comparative Prospective Observational Inquiry into the Efficacy of Oral Labetalol versus Oral Nifedipine in the Pharmacological Governance of Pre-Eclampsia among Gravidae: A Study from Eastern India."- Dr. Mainak Kanjilal, Dr. Mousumi Dutta, Dr. Gouranga Sarkar, Dr. Nupur Ghosh, Dr. Suhena Sarkar,Dr. Birupaksha Biswas.Published in "Journal of Contemporary Clinical Practice." On 12.06.25.
- Rotational Atherectomy versus Cutting Balloon Angioplasty in Severely Calcified Coronary Lesions: A Prospective Single-Center Comparative Study".- Dr Sayantan Panda, Dr. Gouranga Sarkar, Dr Anamika Bhadra, Dr. Saroj Mandal. Published on : 29/10/2025.
- Myocardial Infarction in Young Adults: Evaluation of Risk factors, clinical characteristics and angiographic Patterns."- Dr. Gouranga Sarkar, Dr. Kausik Bandyopadhyay, Dr Mrinal Kanti Manna, Dr Kaushik Paul and Dr. Saroj Mandal. Published: 31/07/2025

RESIDENT NEWS

Awards

- Dr. Pranabananda Pal, 3rd prize in SCICON Quiz,2025
- Dr. Subhabrata Patra, 3rd prize in SCICON Quiz,2025

Presentations

- Dr. Pranabananda Pal presented a case at India Live 2025
- Dr. Indranil Ghosh presented a case at EZECHO 2025
- Dr. Indranil Ghosh presented a case at UCD 2025
- Dr. Aniket Chatterjee presented a case at IJCTO 2025
- Dr. Tanmay Modi presented a case at CSI NIC 2025
- Dr. Himadri Roy presented a case at CAD Intervention 2025
- Dr. Himadri Roy presented a case at India Live 2025
- Dr. Himadri Roy presented a case at UCD 2025
- Dr. Subhabrata Patra presented a case at India Live 2025
- Dr. Souradeep Das presented a case at CSI NIC 2025
- Dr. Amitesh Ranjan presented a case at CSI Pediatrics 2025

ACADEMIC ACTIVITY

Regular academic activities

- JournalClub and Seminar Presentations heldoneveryTuesdayat9:00AM.
- Complex Case presentation held every Monday 9:00 AM.
- ClinicalCaseDiscussionheldoneveryFridayat9:00AM.
- Departmental data presentation on Saturday 2nd and 3rd (every month) from 9:00 AM
- Clinicalteaching&Trainingonnon-invasivemethodsandinvasiveinvestigationsaswellas interventions
- DMstudentsareworkingontheir thesis.
- CathlabTechnician (DCLT) and CriticalCare (DCCT) students are being trained.

Departmental research hwork (ongoing)

- Association between baseline global longitudinal strain after ST-segment–elevation myocardial infarction and adverse left ventricular remodelling.
- A comparative study of the efficacy of self-/balloon-expandable stents versus drug-eluting balloons in treating femoropopliteal lesions.
- A study to assess the role of exercise stress ECG in predicting the severity of coronary artery disease in patients presenting with chest pain.
- Right ventricular outflow tract obstruction: transcatheter correction in tetralogy of Fallot — a pilot study.
- A study on the effect of permanent pacemaker implantation on right ventricular function in patients in a tertiary care hospital of Eastern India.
- Echocardiographic assessment of subclinical left ventricular dysfunction due to permanent pacemaker implantation using global longitudinal strain: an observational study.
- Electrophysiologic profile in patients with sinus nodal dysfunction and symptomatic bifascicular block in a tertiary care centre of Eastern India.
- Echocardiographic assessment of left atrial and right ventricular function before and after percutaneous balloon mitral valvuloplasty: an observational study.
- Percutaneous transvenous mitral commissurotomy in low versus high Wilkins score: a comparative study from a tertiary care hospital.

Other Information

- DNB (Cardiology) examination (on all India basis) is usually conducted twice a year.

SERVICE INFORMATION

IndoorWard	NoofBeds(Male)	NoofBeds(Female)	Cabins
HUM-1	44	-	6
HUM-2	30	-	2
HUF-1	-	40	6
HUF-2	-	15	-
Pediatric Ward		14	
HGF	10	-	-
EOW	5		
ICCU	18 + 2 Pediatric		6

Total Admissions: 15844 Deaths: 309

OPD:

OPD attendance: Total 800-1000daily New350-400 daily Old 450-500 daily

Special Clinic	Days
Pediatric Cardiology OPD	Every Tuesday and Friday

Procedure/Investigations Performed:

- ECG – 95336
- TMT- 724
- Echocardiography37562(Routine);Emergency-34579
- Holter521

Cathlab and OT Procedures in 2025

Temporary pacing	958	Balloon pulmonary valvuloplasty	44
Permanent pacing	570	AICD	78
Coronary angioplasty ± stenting	2142	CRT-D	38
Peripheral angioplasty ± stenting	186	CRT-P	10
Coronary angiography	3574	Cardiac catheterization	255
EP study with RF Ablation	387	ASD	183
Balloon mitral valvuloplasty	169	Others	471

Institute of Cardiovascular Sciences
Cardiothoracic & Vascular Surgery

FACULTY

Dr. Prakash Kumar Sanki; MS, MCh	HOD, Professor
Dr. Santanu Dutta; MS, MCh. FICS, PhD	Professor
Dr. Subhendu Sekhar Mahapatra; DTCD, MS, MCh	Professor
Dr. Jayita Chakrabarti; MS, MCh	Associate Professor
Dr. Shilpa Basu Roy; MS, MCh	Associate Professor

Senior Residents

Dr. Ranmita Pal; MS, MCh
Dr. Debtanu Hazra; MS, MCh
Dr. Rituparna Dasgupta; MS, MCh

Postdoctoral Trainees (MCh)

3rd Year (2022 – 2025)	2nd Year (2023 – 2026)	1st Year (2024 – 2027)
Dr. Biswaprakash Das Dr. Ravitej Golive Dr. Nilotpal Behoria Dr. Aparna Basumatary	Dr. Arindam Naskar Dr. Dipayan Biswas Dr. Madhurima Mandal Dr. Dr. Imon Haldar Dr. Debarpito Mukherjee Dr. Sashank Shetty	Dr. Abhik Nag Dr. Ujjaini Ghosal Dr. Suman Paul Dr. Bikramjit Saha

FACULTY NEWS

Prof. Prakash Kumar Sanki

- Main surgeon in first bilateral lung transplant surgery done in IPGMER, SSKM Hospital - done on 30th April, 2024.
  It was the first successful bilateral lung transplant in Eastern India.
- Main surgeon in first heart lung transplant surgery done in IPGMER, SSKM Hospital - done in May, 2024.
- Attended Scientific Meet of ATCVS-WB, 2022, 2023, 2024, 2025
- Examiner MCh examination at Chennai, Lucknow
- Organized Wet Laboratory training on bovine heart for open heart surgery access and coronary artery anastomosis
- Moderated departmental death review meeting
- Renal transplantation (vascular anastomosis)
- Attended "Mitral Summit" workshop for Mitral valve repair May 24 at Jayadeva Cardiac Centre.
- Lung preservation in a case of complex rupture of right main bronchus and segmental bronchus injury with lung laceration, published in Indian Journal of Thoracic and Cardiovascular Surgery on 29.01.2024

Prof. Santanu Dutta

- Attended Scientific Meet of ATCVS-WB, 2022, 2023, 2024
- Moderator of Case presentation session of regular departmental academic activity.
- Act as a judge in Post doctoral Research paper presentation competition (M.Ch. category) in IPGMER FOUNDATION DAY CELEBRATION in January, 2025 (15/01/25)
- Speaker in PERIZIA Celebration at IPGMER, KOLKATA on 04/08/2025.
- Paper setter & Internal examiner of WBUHS M.Ch., 2025
- External Examiner of Maharashtra University
- Successfully completed Stem Cell therapy in patient of peripheral disease first time in West Bengal in Govt. setup.

Publications

- Clinical Evaluation of Remote Patient Monitoring Devices for Post Cardiac Surgery Patients: A Comparative analysis of the Omnyk Wearable Ring and FDA approved Pulse Oxymeter. Vol-4, Issue 1, April, 2025, Page. 3-9 International Journal of Health Technology and Innovation.
- Molecular Analysis of Altered Genomic Regions in patient with Tetralogy of Fallot (TOF). European Journal of Cardiovascular Medicine vol-15 Issue 6. (June, 2025), Page 739-748.
- Epidemiological Analysis of Atrial Septal Defect (ASD): A Cooperative study of Paediatric and Adult Population. International Journal of *Pharmaceutical quality* Assurance 2005; 16(8)251-255

Prof. Subhendu Sekhar Mahapatra

- One of the main surgeons in first heart transplant surgery done in IPGMER, SSKM Hospital - done on 3rd July, 2019 and first heart transplant in a post valve surgery recipient in eastern India, done on 5th Nov, 2019.
- One of the main surgeons in first bilateral lung transplant surgery done in IPGMER, SSKM Hospital - done on 30th April, 2024. It was the first successful bilateral lung transplant in Eastern India.
- One of the Main surgeons in first heart lung transplant surgery done in IPGMER, SSKM Hospital - done in May, 2024.
- Assumed the post of Secretary in the newly formed North East and Eastern Association of Cardiovascular and Thoracic Surgeons (NEEACTS).
- Organizing Secretary - Annual Scientific Meet of ATCVS-WB, 2023, 2024,2025
- Consultant Vascular Surgeon in Renal Transplant Program, SSKM Hospital

Publications

- Nutritioal Status of Children with Congenital Heart Disease, in Kolkata, West bengal : K mandal, S S Mahapatra, P Banerjee, I Roy ; IOSR Journal of Nursing and Health Science,Vol 14, Issue 1Ser. 3 (Jan-Feb 2025), pp 07-13
- Label extension, single-arm, phase III study shows efficacy and safety of stempeucel in patients with critical limb ischemia due to atherosclerotic peripheral arterial disease: P K Gupta, P Shivsankar, M Rajkumar, S S Mahapatra et al; Stem Cell Research and Therapy, doi.org./10.1186/s13287-023-03292-w
- Pulmonary Thromboendarterectomies done in Recent Times in a Tertiary Care Centre of Eastern India: A Case Series: S Sarkar, S S Mahapatra, J Chakrabarti; European Journal of Cardiovascular Medicine, Vol 15, Issue 10, Oct,2025
- Native Valve Endocarditis- A 13 Patient Series Highlighting Early Surgical Therapy According to AATS 2019 and ESC 2023 Guidelines: S Sarkar, S S Mahapatra, J Chakrabarti; European Journal of Cardiovascular Medicine, Vol 15, Issue 10, Oct,2025
- Cardiopulmonary Bypass with Vs. Without Topical Cardiac Hypothermia in Cases of Planned Aortic and Mitral Valve Surgery: A Prospective Observational Study from A Tertiary Care Centre of Eastern India: S Sarkar, P K Sanki, S S Mahapatra; The Journal of Heart Valve Disease; doi.org/10.61336/jhvd
- Effect of off pump coronary artery bypass surgery on C-reactive protein level. Original article, sent for publication to Journal of Cardiovascular Medicine and Surgery. (ref.no; JCMS_11059_2019).
- Relationship of Off pump coronary artery bypass surgery with the cardiac enzyme Troponin T. Original article, sent for publication to Journal of Evolution of Medical and Dental Sciences. (ref.no; JEMDS-17772).
- Bloodless Cardiac Surgery- Comparison of Outcomes between Two Groups in Post Cardiac Surgery Patients with and without Blood Transfusions: J. Evolution Med. Dent. Sci. Vol. 9/ Issue 14.
- Phase IV post marketing surveillance study shows continued efficacy and safety of Stempeucel® in patients with critical limb ischemia due to Burger's disease: Stem Cell Translational Medicine.

Research Project

- Prospective, multicentric, randomized, open label, two arm, parallel group, comparative dose escalation clinical study to evaluate the safety and efficacy of R-HSC-002 (autologous bone marrow derived MSCs) and R-HSC-003 (allogeneic umbilical cord derived MSCs) dosage as an adjunct cell-based therapy in treatment of patients with Ischemic Limb Disease

Dr. Jayita Chakrabarti

- Teaching of post graduate students, M.Sc Nursing students, Students of perfusion technology, Students of physician assistant technology, Students of critical care technology, B.Sc Nursing students and paramedics.
- Examiner for DPFT program
- Attended Annual Scientific Meet of ATCVS-WB, 2023, 2024, 2025

Publications

- Pulmonary Thromboendarterectomies done in Recent Times in a Tertiary Care Centre of Eastern India: A Case Series: S Sarkar, S S Mahapatra, J Chakrabarti; European Journal of Cardiovascular Medicine, Vol 15, Issue 10, Oct,2025
- Native Valve Endocarditis- A 13 Patient Series Highlighting Early Surgical Therapy According to AATS 2019 and ESC 2023 Guidelines: S Sarkar, S S Mahapatra, J Chakrabarti; European Journal of Cardiovascular Medicine, Vol 15, Issue 10, Oct,2025
- Lung preservation in a case of complex rupture of right main bronchus and segmental bronchi injury with lung laceration: N Mallick, P Sanki, J Chakraborty, S S Mahapatra; Indian Journal of Thoracic and Cardiovascular Surgery, doi.org/10.1007/s12055-024-01702-z
- Prospective, multicentric, randomized, open label, two arm, parallel group, comparative dose escalation clinical study to evaluate the safety and evaluate the safety and efficacy of R-HSC- 002 (autologous bone marrow derived MSCs) and R-HSC-003 (allogeneic umbilical cord derived MSCs) dosage as an adjunct cell-based therapy in treatment of patients with Ischemic Limb Disease.
- Assessment of growth and development of children, 2 to 10 years of age, with congenital heart disease, before and after surgical Intervention in tertiary level hospital, Kolkata.
- Management of peripheral vascular injuries late, in a tertiary care center.

Dr. Shilpa Basu Roy

- First Licensed Lady Transplant Surgeon of West Bengal
- First Lady Surgeon to perform Heart- Lung Transplantation in West Bengal.
- Part of Heart Transplant Program of IPGMER & SSKM Hospital.
- Part of Renal Transplant Program of IPGMER & SSKM Hospital.
- One of the Main surgeons in first heart lung transplant surgery done in IPGMER, SSKM Hospital - done in May, 2024.
- Successfully completed the Revised Basic Course Workshop in Medical Education Technology under the aegis of National Medical Commission at IPGMER.

Publications

- The Clinico-pathology Lol, Diagnosis and Management of Mediastinal Masses: A Retrospective Study in a Tertiary Care Hospital. Published in Bengal Physician Journal. April 2024
- The Insight to the Fertility of the Patients Presenting with Malignant Ovarian Germ Cell Neoplasias with Respect to Its Diagnosis & Management -A Study Conducted in a Tertiary Care Hospital. published in Global Journal of Medicine & Public Health. August 2024
- Management Of Asymptomatic Carotid Artery Disease In Patients Undergoing CABG In A Tertiary Care Centre In Eastern India: A Retrospective Observational Study. Published in International Journal of Scientific Research in Dental and Medical Sciences. September 2024
- Management strategies of Pulmonary Hydatid cyst: A prospective observational study: International Journal of Contemporary medical research, July 2020
- A study on the effect of Metformin Versus Myoinositol in the management of PCOS: A randomized controlled trial: Journal of Indian Medical association
- Maternal and fetal outcome in women of 20-25 year age group and above 35 years age group in a tertial care hospital in eastern India: a prospective comparative observational study, International Journal of Contemporary medical research, August 2020
- A study of the patients presenting with cardiac myxoma in a tertiary care hospital in eastern India, International Journal of Contemporary medical research, December 2020

Research Guide of Post Doctoral Trainees in CTVS Department

- Guides postdoctoral trainees in their thesis work in the CTVS Department:
- Co-investigator for the project "Prevalence of diabetes mellitus and thyroid dysfunction in pregnancy in a tertiary care centre of West Bengal," funded by DSTBT, Govt of West Bengal.

Co- Investigator of the Research Project on the topic:

- The prevalence of diabetes mellitus and thyroid dysfunction in pregnancy in a tertiary care centre of West Bengal". Funded by DSTBT, Government of West Bengal.

Invited as Faculty Speaker in conferences:

- "Surgical Management of Aortic Valve Disease" at APICON at New Delhi In February 2024.
- "Newer Avenues in Aortic Valve Replacement" at SAPICON at Siliguri in July 2024.

Others

- Elected as Hony. Secretary of Indian Medical Association Calcutta Branch
- Became member of European Association of Cardio-thoracic Surgeons (EACTS) In 2024
- Elected as Editor, Annals Journal of IMAAMS
- Elected as Assistant Secretary of IMA Calcutta Branch

ACADEMIC ACTIVITY

- Courses of B.Sc. Perfusion technology, M.Sc. Perfusion technology and Diploma in Perfusion technology.
- OT from Monday to Friday.
- Practical demonstration of surgical steps before surgery.
- Every Saturday 09:30 am 12:00 pm: Academic discussion & case presentation. Joumal club.
- Every 4th Saturday: Death review meeting
- Monthly joint academic meet and class with department of Cardiology and CTVA

RESEARCH ACTIVITY (Thesis projects of Postdoctoral Trainees)

- Post-Operative Outcome of Patients Undergoing Emergency Atrial Septal Defect (ASD) Closure Following Device Dislodgement. Dr. Imon Haldar (Dr. P. Sanki)
- A Study comparing post-operative outcomes of Total Arterial Off-pump Coronary Artery Bypass Grafting versus Conventional Off- pump Coronary Artery Bypass Grafting. Dr. Debarpito Mukherjee (Dr. S. Dutta) with coronary artery endarterectomy - a
- Immediate and short-term outcome of coronary artery bypass grafting prospective observational study. Dr. Arindam Naskar (Dr. S. B. Roy)
- Right atrial vs left atria atrial vs bi-atrial approaches for surgical management of cardiac myxomas: an analytical observational study in a tertiary care teaching hospital Dr. Shashank Shetty (Dr. J. Chakrabarty)
- A comparative study between surgical and non-surgical management of multiple rib fracture with or without paradoxical movement - a controlled trial. Dr. Dipayan Biswas (Dr. S. S. Mahapatra)
- Variations of the location of saphenofemoral junction and tributaries of terminal part of great saphenous vein: In cadaver and on patients undergoing surgery for varicosity of great saphenous vein in a tertiary care hospital in eastern India. Dr. Viswa Prakash Das (Dr. S. Dutta).
- Closure of atrial septal defect using autologous right atrial wall flap - a prospective observational study. Dr. Aparna Basumatary (Dr. P. Sanki / Dr. S. B. Roy)
- Association of carotid or aortic disease in coronary artery bypass surgery and impact on neurocognitive outcome -a prospective observational study Dr. Nilotpal (Dr. S. S. Mahapatra / Dr. J. Chakrabarti)
- Prospective observational study of mediastinal mass: surgical management and immediate outcome in a tertiary care center. Dr. Ravi (Dr. S. B. Roy).
- To determine role of cilostazol in maturation of arteriovenous fistula in patients with third stage renal disease: a prospective randomized study. Dr. Akash (Dr. S. Dutta).
- Cardiopulmonary bypass with or without topical cardiac hypothermia in case of planned aortic and mitral valve surgery a prospective observational study from a tertiary care center of eastern India. Dr. Surojit Sarkar (Dr. P. Sanki)
- Management of peripheral vascular injuries in a tertiary care center. Dr. Ritik Hooda (Dr. J. Chakrabarti).
- Assessment of operation outcome of tracheal stenosis - an observational study from a tertiary care center of eastern India. Dr. Nabarun Mallick (Dr. P. Sanki).
- An observational study on aortic valve repair verses replacement in aortic regurgitation. Dr. Rituparna Dasgupta (Dr. S. S. Mahapatra).
- Management strategies of patients presenting with thymic mass of myasthenia gravis in a tertiary care center of eastern India in the current era. Dr. Debtanu Hazra (Dr. Shilpa Basu Roy).

SERVICE INFORMATION

- OPD Services — Six days in a week
- Total no. of OT — Four - Three functioning OT and One was proposed for hybrid OT
- ECMO Services — SSKM Hospital
- Departmental Library — One
- Seminar Room — One – sharing with Cardiac Anaesthesia

Service Summary

OPD Attendance	**Admissions**	**Operations Done** (till 25/12/2025)
Total no. of OPD Pts 7628	MALE 276 FEMALE 444	MAJOR 1108 MINOR 86

Referrals: We attend all interdepartmental referrals - at least 3/4 per day Extradepartmental Operations: We participate in emergency or elective vascular surgical assistance in all OTs on demand Renal transplant: 35	EMERGENCY SERVICES: 24 x 7, including Trauma Care

OPD Dates

MONDAY	Dr. Jayita Chakrabarti
TUESDAY	Dr. Santanu Dutta
WEDNESDAY	Dr. Prakash Kumar Sanki
THURSDAY	Dr. Shilpa Basu Roy
FRIDAY	Dr. Subhendu Sekhar Mahapatra
SATURDAY	Dr. Prakash Kumar Sanki

FUTURE PROVISIONS

- Homograft Valve and Tissue Bank
- Neonatal and Pediatric Cardiac Surgery Unit
- Customized HEART and HEART- LUNG TRANSPLANT Unit
- Hybrid Vascular Procedure Theatre
- Adoption to newer thoracic surgical developments (Immensely important for future prospects 7 transplant program)
  - Video Assisted Thoracic Surgery (presently working with limited instruments)
  - Robot Assisted Thoracic Surgery (There is no Robot in any government institution at present)
- Departmental CSSD unit.
- Development of newer room to adopt proposals and to extend service facility, e.g. Cabins etc.

Medicine

FACULTY

SN	Name	Designation
1	Prof. Niladri Sarkar	Professor & Head
2	Prof. Shantasil Pain	Professor
3	Prof. Alakes Kumar Kole	Professor
4	Prof. Nandini Chatterjee	Professor
5	Dr. Srabani Ghosh	Associate Professor
6	Dr. Sanchita Saha	Associate Professor
7	Dr. Sandip Ghosh	Associate Professor
8	Dr. Anupam Mandal	Associate Professor
9	Dr. Sattik Siddhanta	Associate Professor
10	Dr. Sumit Kumar Ghosh	Assistant Professor
11	Dr. Anup Kumar Datta	Assistant Professor
12	Dr. Rajdip Sen	Assistant Professor
13	Dr. Sk. Nasim	Assistant Professor
14	Dr. Kausik Bhar	Assistant Professor
15	Dr. Agnibha Maiti	Assistant Professor
16	Dr. Debasri Pal	Assistant Professor

SENIOR RESIDENTS

- Dr. Upamanyu Bag
- Dr. Himal Kumar Modak
- Dr. Shalini Halder

Postgraduate Trainees

2022-2025	2023-2026	2024-2027
Dr. Anirban Datta Dr. Aninda Sundar Samanta Dr. Vaibhav Agarwal Dr. Mir Wasim Ali Dr. Sayan Mondal Dr. Gourab Rajbongshi Dr. Soumtra Ghosh Dr. Arnab Sinha Dr. Aritra Panja Dr. Ranjan Paul Dr. Umor Ali Dr. Ranav Pal Dr. Lalit Narayan Kandar Dr. Tirthankar Pal Dr. Sabyasachi Chowdhury	Dr. Madhurita Saha Dr. Sanjib Sarkar Dr. Padmanava Kundu Dr. Tamojit De Sarkar Dr. Sreeparna Chakraborty Dr. Rupsa Bhattacharya Dr. Soumyadip Sankar Basu Dr. Arunava Ghosh Dr. Lalhruaitluanga Dr. Saheb Molla Dr. Paulomi Banerjee Dr. Bubai Hazra Dr. Saraswati Tudu Dr. Gourab Das Dr. Md. Murshid Ali Sk.	Dr. Soubhik Debnath Dr. Aritra Sar Dr. Sk Arif Hossain Dr. Shovan Lal Goswami Dr. Arunangsha Biswas Dr. Upanita Ghosh Dr. Srishti Tamang Dr. Shreya Mukhopadhyay Dr. Angel Hansda Dr. Jakir Ahmed Mollah Dr. Subhaip Manna Dr. Sudarshan Banerjee Dr. Md Golam Yasdani Dr. Soumyadip Nandi

Non-teaching staff

1. Papiya Gazi LDC
2. Tapas Mondal Das GDA

FACULTY NEWS

Faculty	Conferences				Publications		MD Thesis Guide	Research Project
	National	Inter-national	Faculty Invitation National	Faculty Invitation International	National	Inter-national		
Prof. Niladri Sarkar	3	0	1	0	3	0	2	0
Prof. Shantasil Pain	1		1	0	0	0	4	0
Prof. Alakes Kumar Kole	1	0	2	0	2	0	1	0
Prof. Nandini Chatterjee	15	1	0	0	3	0	3	0
Dr. Srabani Ghosh	3	0	0	0	0	0	1	0
Dr. Sanchita Saha	2	0	1	0	1	0	2	0
Dr. Sandip Ghosh	2	0	0	0	1	0	3	0
Dr. Anupam Mandal	2	0	0	0	2	0	2	0
Dr. Sattik Siddhanta	3	0	2	0	1	0	1	0
Dr. Sumit Kumar Ghosh	2	0	0	0	1	0	0	0
Dr. Anup Kumar Datta	1	0	0	0	0	0	1	0
Dr. Rajdip Sen	1	0	1	0	0	0	2	0
Dr. Sk. Nasim	2	0	0	0	2	0	2	3
Dr. Kausik Bhar	1	0	1	0	2	0	0	2
Dr. Agnibha Maiti	4	0	0	0	0	0	0	0
Dr. Debasri Pal	0	0	0	0	0	0	0	0

ACADEMIC ACTIVITY

Teaching and Training of PGTs and MBBS students are held as per following schedule

- Long Case Presentation by 3rd Year PGTs — Wednesday, Alternate Thursday
- Seminar for 2nd Year PGTs: — Tuesday
- Unit wise Problem Case Presentation — Alternate Thursday
- Journal Club — Friday (1st)Friday
- Death Audit — Friday (2nd) Friday
- OSCE for all PGTs — Friday (3rd) Friday
- C.P.C. — Friday (4th) Friday
- Faculty Lecture/ Workshop — Friday (5th)

- Bedside Clinics for MD students — Every Saturday
- Bedside Clinics for MBBS Students — Monday to Saturday (as per roster)
- Tutorials for MBBS Students — Monday to Friday (as per roster)

Number of Academic Sessions held:

- Case Presentation (Long and Short): 53
- Problem case: 8
- Seminar for PGTs: 34
- Journal Club: 6
- C.P.C.: 4
- Faculty Clinical Meetings & Seminars: 7

Total Number of Symposium held in 2025 : 6

- Hematology Symposium
- Cardiology Symposium
- Lupus Symposium
- Neurology Symposium
- Gastroenterology Symposium
- Critical Care Symposium

Thesis Submitted in 2025

Ongoing thesis work: 2022-25 batch

PGT	Guide | Co-Guide	Title
Dr. Mir Wasim Ali	Dr. Sanjoy Kumar Chatterjee	A study of the prevalence of peripheral neuropathy and its association with renal dysfunction in prediabetic patients in a tertiary care hospital in Eastern India.
Dr. Sayan Mondal	Dr. Sandip Ghosh Dr. Sumit Chakraborty	A study to estimate the incidence and anatomical distribution of lower extremity deep vein thrombosis in spontaneous intracerebral hemorrhage patients in a tertiary care hospital.
Dr. Vaibhav Agarwal	Dr. Ananta Kumar Datta Dr. Sumit Kumar Ghosh	A study of the prevalence of NAFLD and its association with atherosclerotic cardiovascular risks in prediabetic patients in a tertiary care hospital in Eastern India.
Dr. Sabyasachi Chowdhury	Dr. Shantasil Pain Dr. Srabani Ghosh	A study of prevalence of renal function abnormalities in obese individuals with non-alcoholic fatty liver disease in a tertiary care hospital in Eastern India.
Dr. Soumitra Ghosh	Dr. Anupam Mandal Dr. Sattik Siddhanta	A study on clinico-etiological profile and outcome of hepatic encephalopathy in patients with chronic liver disease in a tertiary care hospital.
Dr. Arnab Sinha	Dr. Sattik Siddhanta Dr. Anupam Mandal	An observational study on the association between serum uric acid level and urinary albumin excretion in adult type 2 diabetes mellitus patients.
Dr. Anirban Datta	Dr. Niladri Sarkar Dr. Srabani Ghosh	A study on metabolic bone disease in patients with non-cholestatic chronic liver disease in a tertiary care hospital.
Dr. Aninda Sundar Samanta	Dr. Srabani Ghosh Dr. Niladri Sarkar	A study on clinical and electrophysiological manifestations of Guillain-Barre syndrome in a tertiary care hospital in Eastern India.
Dr. Lalit Narayan Kandar	Dr. Sanchita Saha Dr. Niladri Sarkar	A study on prevalence of non-alcoholic fatty liver disease in prediabetes in a tertiary care hospital.
Dr. Ranav Pal	Dr. Alakes Kumar Kole Dr. Uma Sinha Roy	A study on the identification of different non-traditional risk factors in stroke at a tertiary care hospital in Eastern India.
Dr. Umor Ali	Dr. Alakes Kumar Kole Dr. Sumantro Mondal	A study on spectrum of different emergencies in lupus in a tertiary care hospital.
Dr. Ranjan Paul	Dr. Jotideb Mukhopadhyay Dr. Kaushik Das	A study on prevalence of non-alcoholic fatty liver disease in obese and non-obese individuals in a tertiary care hospital.
Dr. Aritra Panja	Dr. Jotideb Mukhopadhyay Dr. Indira Maisnam	Study of elevated amylase and lipase levels in patients with diabetic ketoacidosis without any pancreatic disorder
Dr. Tirthankar Paul	Dr. Jotideb Mukhopadhyay Dr. Kausik Bhar	The prognostic value of neutrophil-lymphocyte ratio (NLR) and platelet-lymphocyte ratio (PLR) in patients with poisonous snake bite for clinical outcome and complications.
Dr. Gourab Rajbongshi	Dr. Nandini Chatterjee Dr. Sandip Ghosh	A hospital based cross-sectional study of level of control, drug adherence and its determinants in patients of hypertension.

Ongoing thesis work: 2023-26 batch

PGT	Guide | Co-Guide	Title
Dr. Sreeparna Chakraborty	Dr. Sattik Siddhanta	A study on prevalence of thyroid disorders in patients with systemic lupus erythematosus (SLE) in a tertiary care hospital.
Dr. Madhurita Saha	Dr. Srabani Ghosh Dr. Pradyot Sinhamahapatra	A study of pulmonary manifestations in systemic sclerosis patients in a tertiary care hospital.
Dr. Lalhruaitluanga	Dr. Niladri Sarkar Dr. Srabani Ghosh Dr. Raja Ray	A study on clinical, microbiological and radiological profiles of patients with hospital acquired pneumonia in tertiary care hospital.
Dr. Md. Murshid Ali Sk.	Dr. Sanchita Saha Dr. Agnibha Maiti	Clinical and biochemical profile of scrub typhus patients at tertiary care hospital.
Dr. Soumyadip Sankar Basu	Dr. Nandini Chatterjee Dr. Sk. Nasim	An observational study on pulmonary hypertension in patients with chronic kidney disease in a tertiary care hospital.
Dr. Saheb Molla	Dr. Anupam Mandal Dr. Sattik Siddhanta	Elevated serum potassium levels and its association with mortality in acute myocardial infarction.
Dr. Bubai Hazra	Dr. Alakes Kumar Kole	A study on spectrum of organ involvement in lupus with special reference to bone health in lupus patients and its correlation with disease activity.

Dr. Arunava Ghosh	Dr. Alakes Kumar Kole	A study on outcome of patients having rheumatological disease on immunosuppressive therapy complicated by respiratory tract infection.
Dr. Saraswati Tudu	Dr. Shantasil Pain Dr. Anupam Mandal Dr. Sandip Ghosh	A study of left ventricular diastolic dysfunction in type 2 diabetes mellitus patients.
Dr. Gourab Das	Dr. Alakes Kumar Kole Dr. Rajdip Sen	A study on spectrum of anemia with special reference to iron deficiency anemia and its effects in patients suffering from chronic kidney disease.
Dr. Paulomi Banerjee	Dr. Shantasil Pain Dr. Pradyot Sinhamahapatra	A study on the non-infectious pulmonary manifestations in systemic lupus erythematosus.
Dr. Tamojit De Sarkar	Dr. Srabani Ghosh Dr. Parasar Ghosh	A study on the prevalence of hematological manifestations in systemic lupus erythematosus (SLE) in a tertiary care hospital in eastern India.
Dr. Sanjib Sarkar	Dr. Nandini Chatterjee Dr. Kausik Bhar	A study on correlation of dosage and time of presentation of paraquat poisoning with organ involvement in a tertiary care center.
Dr. Rupsa Bhattacharya	Dr. Nandini Chatterjee	A study on effect of metformin use in reference to vitamin B12 deficiency in type 2 diabetes mellitus in a tertiary care hospital in eastern India.
Dr. Padmanava Kundu	Dr. Sandip Ghosh	An observational study on the spectrum of central nervous system infections in patients admitted in medicine wards in a tertiary care center in eastern India.

Ongoing thesis work: 2024-27 batch

PGT	Guide | Co-Guide	Title
Dr. Md Golam Yasdani	Dr. Sandip Ghosh	An observational cross-sectional study on metabolic alterations in patients admitted with lupus nephritis in a tertiary care teaching hospital in eastern India.
Dr. Shovan Lal Goswami	Prof. Nandini Chatterjee Dr. Sumit Kumar Ghosh	A cross-sectional hospital-based study to assess metabolic parameters of patients with subclinical hypothyroidism.
Dr. Soubhik Debnath	Dr. Sanchita Saha Dr. Kausik Bhar Dr. Sk Nasim	A cross-sectional study of prevalence, clinical profile and predictors of pulmonary hypertension in patients with systemic lupus erythematosus in a tertiary care hospital.
Dr. Soumyadip Nandi	Dr. Shantasil Pain Dr.Sandip Ghosh	Patterns of thyroid hormone alterations in cirrhosis and correlation with disease severity and outcomes.
Dr. Arunangsha Biswas	Dr. Anupam Mandal Dr. Rajdip Sen	An observational study of the clinicoetiological profile of patients presenting with upper gastrointestinal bleed in a tertiary care hospital in Kolkata.
Dr. Upanita Ghosh	Dr. Anupam Mandal Dr. Rajdip Sen	A study on lung manifestation in patients diagnosed with rheumatoid arthritis: a cross-sectional study
Dr. Aritra Sar	Dr. Sanchita Saha Dr. Kausik Bhar Dr. Sk. Nasim	An observational study on peripheral neuropathy in patients with chronic kidney disease in a tertiary care hospital.
Dr. Sudarshan Banerjee	Prof. Niladri Sarkar	A cross-sectional study on serum 25 (oh) vit d level in newly diagnosed rheumatoid arthritis patients and their correlation with disease severity in a tertiary care hospital.
Dr. Srishti Tamang	Prof. Niladri Sarkar Dr. Biman Kanti Ray Dr. Raja Ray	A study on stroke associated infections (SAI) in patients admitted within 24 hours of onset and treated in the hyperacute stroke unit of a tertiary care hospital.
Dr. Angel Hansda	Dr. Srabani Ghosh Dr. Yogiraj Ray	An observational and comparative study of frequency of occurrence of UTI between diabetic patients taking sglt2 inhibitors and those taking other antidiabetic drugs in a tertiary care hospital.
Dr. Subhadip Manna	Prof. Alakes Kumar Kole	A study on clinical spectrum of systemic lupus erythematosus (SLE) with special emphasis on frequency, pattern and determinants of flares.
Dr. Sk Arif Hossain	Prof. Nandini Chatterjee Dr. Anup Kumar Datta	A hospital-based study on the correlation of anthropometric obesity metrics and renal function test.
Dr. Shreya Mukhopadhyay	Dr. Shantasil Pain	A study on the association of stress hyperglycemia ratio and serum magnesium levels with the neurological severity and outcomes in acute ischemic stroke patients in a tertiary care hospital.
Dr. Jakir Ahmed Mollah	Dr. Sattik Siddhanta	Evaluation of cardiovascular manifestations among people living with prediabetes.

SERVICE INFORMATION

INDOOR

Ward	Location / Building	No. of Beds
Mackenzie (Male)	Main Block	70
Cable (Female)	Main Block	68
EOW (Male)	Emergency Block	20
EOW (Female)	Emergency Block	19
KPH (Male)	Kolkata Police Hospital	40
KPH (Female)	Kolkata Police Hospital	40

Patients are also admitted in Cabins of Woodburn Block, Ananyo, Student's cabins, CCU/ITU

OPD

Average daily attendance of patients: 950
Yearly Total attendance of patients in Medicine OPD: 2,17,706

UNITs

Day	Unit	Name of the Faculty
Monday	I	Prof. Niladri Sarkar, Dr. Srabani Ghosh**,** Dr. Debasri Pal, Dr. Agnibha Maiti
Tuesday	II	Prof . Nandini Chatterjee, Dr. Anup Kumar Datta, Dr. Sumit Kumar Ghosh
Wednesday	III	Prof. Shantasil Pain, Dr. Sandip Ghosh
Thursday	IV	Prof. Alakes Kumar Kole, Dr. Sattik Siddhanta
Friday	V	Dr. Sanchita Saha, Dr. Sk. Nasim, Dr. Kausik Bhar
Saturday	VI	Dr. Anupam Mandal, Dr. Rajdip Sen
Sunday	By Rotation	

Special Clinics

Name of the Clinic : **Geriatric Clinic** V.P. in-charge : Prof. Niladri Sarkar Associate VP : Dr. Anupam Mandal Date & Time : Every Thursday, 10 AM -2 pm Venue : Medicine OPD, Room No. 14	Name of the Clinic : **SACEP (State AIDS Clinical Expert Panel), COE-STM** Expert Member : Prof. Shantasil Pain Date & Time : Every Monday, 11 am – 2 pm Venue : School of Tropical Medicine
Name of the Clinic : **ART Center** Nodal Officer : Prof. Shantasil Pain Date & Time : Everyday Venue : ART Center	Name of the Clinic : **Police Hospital Clinic** Expert Member : By Rotation (Unit Wise) Date & Time : Every Thursday, 12 - 2 pm Venue : Kolkata Police Hospital

Report of the ART Center

Antiretroviral therapy (ART) centers are OPD based service providers for PLHIV (People living with HIV). Patients who are tested positive at Integrated Counseling Testing Centre (ICTC) are referred to ART centers for care, support and treatment.

SSKM ART Center is functional since 18/12/2012. All ART centers of WEST BENGAL are working under supervision of WBSAPCS, CST Division and funded by NACO. Here, ART Centre is functional under the Medicine Department. It is located in the same building as the Malaria Clinic (Heritage Building) between the Cardiology Department and Ronald Ross Building. Phone: (033) 2204-1425, 2204-1426, 2223-7038, Email artc2sskm@gmail.com

Work responsibilities

1. Enrollment of patients who are tested positive at integrated counseling testing center (ICTC)
2. Ensuring ART treatment for the patients after necessary investigations and proper counseling.

3. Regular monitoring of patients for opportunistic infection and drug related side effects, every visit counseling and follow up of the patients are done at ART center, SSKM.
4. B diagnosis and initiation of anti-tubercular therapy (ATD) of ICTC reactive patients are done at ARTC, SSKM.
5. Procuring ART drug from NACO, Drug stock maintenance and regular reporting of various data to WBSAPCS and NACO are done here.
6. Inter-departmental referral and initiating ART for admitted patients are done here.
7. Training of health care workers regarding HIV and Universal Precaution are included in the work responsibilities of ART Centers.
8. Advising and prescribing PEP (Post Exposure Prophylaxis) for health care workers and spouse/partner of a known positive patients are among ART center's responsibilities. PEP is issued for emergency use to ICU, Labor ward, Emergency, Emergency OT, Trauma from ART Centre, SSKM.
9. Every month co-ordination meeting is conducted involving all ICTC, TB unit, CSC at ART center, SSKM.
10. Core-committee meeting involving all the departments is held at ART center yearly once.
11. CD4 testing, viral load testing and Hep B, Hep C testing done at ART center, SSKM.
12. Spouse/Partner-child testing for ICTC and tracking of MIS or lost to follow up patients are done at SSKM ARTC with the help of CSC. ART center functions as per NACO guideline and protocol. Counselling plays a major role in ART services. As SSKM & IPGMER is a tertiary hospital, our ART center gets patients from various districts of West Bengal and different states.
13. Providing IPT to IC reactive patients and providing TPT to eligible negative relatives of seropositive patients.
14. Providing PEP to health care workers for occupation related hazards. In case of any exposure of health workers to blood, amniotic fluid , CSF, pleural fluid or infective body fluid of seropositive individual, PEP is advised from ARTC. PEP is also kept at Labor Room, Trauma Care, Emergency, Emergency(NER) OT, ICCU for immediate use.

Staff

Head, Department of Medicine, IPGME&R (Overall In-charge)	Prof. Niladri Sarkar	MD
Nodal Officer-ART Centre	Prof. Shantasil Pain	MD
Senior Medical Officer	Dr. Rupali Ganguli Sinha Roy	MBBS, DGO Clinical Management of HIV Course by University of Washington
Medical Officer	Dr. Prapa De	MBBS, PG Dip In H&FW Management Clinical Management of HIV Course by University of Washington
Staff Nurse	Shyamasree Dutta	GNM
Counselor	Raja Barman Rashmita Sarkar Pradip Chakraborty Sampurna Halder	MSW MSW MSW MSc Applied Psychology
Data Manager	Siddhartha Kar	BCom 'O' Level Course
Pharmacist	Sanjib Kumar Pal	D Pharm
Community Care Co-Ordinator	Rina Gayen Roy	Higher Secondary
Lab Technician	Madhumita Saha Poddar	BSc, DLT

Ongoing Research Work

1. Epidemiology of non-communicable disease among PLHIV (Institute of Hygiene)
2. Antibody assay of COVID Vaccination on PLHA (SSKM & IPGMER, KOLKATA)

ART center SSKM & IPGMER has catered to 6000+ patients till now. At present 1600+ patients (quarterly) are actively receiving ART and other services at SSKM ARTC. On average daily footfall at our ART center 50-80 patients. Approximately 450-500 TB cases have been treated at ART center, SSKM along with the collaboration with NTEP.

Microbiology

FACULTY

Name & Qualifications	Designation
Dr. Raja Ray, DTM&H, MD, PhD	Professor and Head
Dr. Kumkum Bhattacharyya, MD	Professor
Dr. Chitrita Chatterjee, MD	Professor
Dr. Hirak Jyoti Raj, MD	Professor
Dr. Hasina Banu, MD	Assistant Professor
Dr. Dipankar Paul, DCH, MD	Assistant Professor
Dr. Rehena Sarkar, MD	Assistant Professor

Senior Residents (MD pass outs of 2021-24 Session)

Dr. Moumita Naskar, MD (joined as Senior Resident, 30th May, 2025 onwards)
Dr. Sameeha Mandal, MD (tenure completed as Senior Resident on 17.07.2025) and joined as Research Associate in AMSP-ICMR Project under Critical Care Medicine, IPGME&R-SSKM on 18th August 2025

Postgraduate trainees

Session 2024-2027	Session 2023-2026	Session 2022-2025
Dr. Deepshikha Shah Dr. Ananya Ghosh Dr. Shilpa Barman Dr. Kiriti Saha	Dr. Arnab Saha Dr. Priyanka Naskar Dr. Shivangi Lall	Dr. Abhinandita Sarkar Dr. Jyoti Mishra Dr. Sanchari Bairagya

Research scholars and non-teaching staff

Name & Qualifications	Designation
Dr. Nupur Pal, MD	PhD Scholar, December 2023 onwards (West Bengal University of Health Sciences) under Prof. Dr Raja Ray - Ongoing

TRANSFERS, POSTINGS AND SUPERANNUATIONS

Name & Qualifications	Designation
Bhabataran Manna, Medical Technologist(Lab) was on Deputation to Trauma Care Biochemistry Lab till June,2025. Mallika Dubey, Medical technologist (Superannuated on 30.09.2025)	Medical Technologist

NONTEACHING AND PROJECT STAFF

1. **Medical Technologist**: 1.Ramkrishna Sahoo. 2. Mrs. Sumona Kundu 3. Mr.Prasanta Ghose 4. Mr. Arup Barai 5. Mr. Subhomay Bhattacharya 6. Mr. Suparno Bhowmick 7.Mr. Anik Roy 8. Mrs. Maitrayee Guha 9. Mr. Manab Ray (On deputation from Central Blood Bank,Manicktala)10..Mr Sourav Ghosh.
2. **Group D staff**: 1.Gopal Sardar 2. Sunny Hela.3.Ajit Mullick 4. Sambhu Nath Pal (Total 4)
3. **IDSP and National Vector Borne Disease Control Program**
   Nodal Officer,IPGMER. Prof Dr Raja Ray, Shri Biswanath Das is working as Executive Assistant (Facility) of IDSP,NVBDCP.
4. **AIIMS-CDC-ICMR(2017 -2024)** PI-Prof Dr Raja Ray.Co-PI-Dr Hirak Jyoti Raj**,** Project staff- Ujjaini Roy (JRF),Sumana Aheri(HICN),Tapati Ghosh (HICN) , Sani Safi (DEO). **Project was winded up on Feb,2024.**Research publications on this multicentric collaborative project are continuing.
5. **VRDL Staff**: PI, Project-Prof. Dr Raja Ray, Co PI-Dr Hirak Jyoti Raj, Dr. Raja Ray (Research Scientist, Medical), Dr. Aritra Biswas (Research Scientist, Non-medical), Ms. Chandrani Bhattacharya (Research Assistant), Mr. Rajesh Adak and Miss Payel Dutta (Lab Technicians), Mr. Kartik Bakshi (Data Entry Operator), Ms. Moumita Maity(Multi-Tasking Staff).
6. **AMRSP-ICMR** (**2017-2023**)**Project-PI(Prof Raja Ray**),Co-PI-Prof Kumkum Bhattacharyya, Dr Hirak Jyoti Raj, Ms. Swati Ganguly (MT Lab- left department in August 2025), Mr. Pradip Bala (DEO). **Project completed on February 28th, 2023,** Our Dept still contributes regularly to online AMR-Surveillance data
7. **NVHCP under NHM**.-Nodal Officer, State Referral Lab (Prof Dr Raja Ray),Co-Nodal--Dr Hirak Jyoti Raj, Technical Officer-Dr Ananya Pal, PhD.(Commenced-Dec,2017)
8. ″**West Bengal Kerala Network for Pan-India Respiratory Viral Surveillance including Influenza,SARS CoV 2 ,Nipah and RSV,Human Metapneumovirus " as a subproject under current VRDL project,commenced in August,2024.Prof Raja Ray-,Prof Hirak Jyoti Raj,Dr Hasina Banu-Site PI,,Dr Aritra Biswas,Ms Arpita Khamrai(ResearchAssistant),MsChandrani Bhattacharyya(Research Assistant are involved in the project.**
9. **Monkeypox Surveillance project(Jan-June 2025) -a subproject under VRDL-, Dr Hasina Banu (Site PI). Prof Dr Raja Ray, Dr Aritra Biswas, Ms Chandrani Bhattacharyya, VRDL, IPGMER received recognition for excellent collaborative work in this project ,in addition our VRDL lab has been recognized as WHO-EQAS lab for Monkeypox testing(DHR-ICMR).**
10. **"Sentinel Surveillance Site for Zoonotic Diseases (NOHCP-PCZ)"-**under NCDC, MoHFW

Nodal Officer: Prof. Dr. Chitrita Chatterjee, MT Lab: Ms. Swati Ganguly (left department in August 2025 to join Zoological Survey of India, Kolkata), Ms. Sunila Nirakar (MT Lab) (Joined on 29.10.2025 in her place) DEO: Mr. Sayan Majumdar-3 years and ongoing.

11. **Mucormycosis Hub, IPGMER-Chairperson-Prof Kumkum Bhattacharyya** funded by Govt of West Bengal (2021 onwards**)**
12. **Multi-centric pan-national AIIMS CDC project titled "Burden and sequelae of Influenza and SARS Cov2 associated Severe Acute Respiratory Infections among adult Indian population aged 18-60 years" DHR-ICMR Project** Co-Investigators: Prof. Dr. Kumkum Bhattacharyya, Dr. Dipankar Paul (Assistant Professor), Dr. Abirlal Sanyal (Demonstrator-transferred to MJM Medical College, Cooch Bihar in September,2023)
13. **PAM/Neuroamoebiasis Reference Centre among West Bengal Govt Medical Coleges-Prof Dr Raja Ray,Member,**Expert Committee member along with Experts from Medicine,Infectious Disease,Pharmacology,Community Medicine(January,2025)

FACULTY NEWS

Prof. Raja Ray, HOD, Microbiology:

1) **Secretary, UG and PG Board of Studies in Microbiology,WBUHS(April,2025)**,Course coordinator for MD Microbiology, MBBS Microbiology since beginning role as Professor in the department. Organizing seminars including selecting topics of current day importance in Microbiology and recent advances, organizing journal clubs, organizing classes for MD students. Training postgraduates on laboratory reporting in the realm of diagnostic microbiology Organizing mock tests and daily interaction with postgraduate MD Microbiology students on clinical microbiology issues along with other departmental faculty, Regularly taking theoretical lecture classes in MBBS on critical areas Taking classes for DMLT and B. Sc Nursing, Post-basic B. Sc Nursing students.
2) Guiding MD thesis of WBUHS, Microbiology (30 till date and ongoing) and PhD thesis of MSc Microbiology candidates (Calcutta University) (currently two completed and one registered and working,two more passed RAT and WBMES faculty and vying for registering for PhD).Guiding summer/winter short-term projects of MSc candidate (Microbiology, Biotechnology) (external candidates/externs(Saint Xaviers, ,Techno India, Amity University, WBUT, etc.)
3) Convenor and Internal examiner of MD Microbiology of (September2025),and/ Convener and Internal Examiner 2nd MBBS MicrobiologyAugust,2025. Paper setter MBBS Microbiology,(Regular and Supplem)-2025,MD Microbiology-September,2025.
4) Adjudicator of 4 MD thesis in Microbiology under WBUHS September, 2025
5) Maintained functioning status of 5 central government funded projects at IPGMER, Microbiology

i. VRDL(including COVID-19 Testing Lab)-Establishment of a Network of Laboratories for managing epidemics and Natural Calamities funded byDHR-ICMR)
ii. AMRSP (Still Contributing to MDR bacterial Genome Bank,ICMR)-Ex PI
iii. AMSPImplementation project -Co-PI with PI-Prof Asim Kundu,HoD, Critical Care Medicine
iv. NVHCP (National Virus Hepatitis Control Program)-Nodal officer,State Referral Lab
v. Congenital Rubella Syndrome-Surveillance Project-DHR-ICMR(C0-PI)
vi. Monkeypox Surveillance, (NIV Virology),VRDLsub project
vii. Pan India Respiratory Viral Surveillance Project-Sub Project under VRDL and 3 state govt PUBLIC HEALTH programs Programs - IDSP, NVBDCP, State AMR surveillance and Containment (State AMR Expert Committee,Member
viii. Antmicrobial Stewardship Implementation Project-ICMR.Co-PI

6) Underwent training on**" Good Clinical Laboratory Practice**" at IHFW,Swasthywa Bhawan(Training accredited by West Bengal Medical Council) on 7th November,2025
7) Underwent training on**"Assesment in Medical Education**" at IHFW,Swasthywa Bhawan on 14th May,2025

The first was **Viral research and Diagnostic Laboratory(DHR-ICMR)** as Principal Investigator under which testing for fourteen viruses in addition **to Hep-A, Hep-B, Hep-C, Hep-E, IgMAnti-HBc, Anti-HBs continuing. Transplant screening for Toxoplasma, Rubella, CMV, Herpes Simplex 1,2, Varicella Zoster, Epstein Barr Viruses testing kits by Microelisa initiated and continuing. Entire Hepatis viral range and Hepatis profile like IgM-AntiHBc, Anti-Hbs, HBeAg and AntiHBe being done. Currently COVID19 Lab which started functioning under VRDL Lab since 17.03.2020 with permission from DG-ICMR, continuing currently testing more than 7 lakh,30,484(approx.) samples tested till date(24THDecember,2024).Recently started RT-PCT testing for NeuroVirology panel on CSF samples(BIN) and Respiratory Panel RT-PCR for patients of Respiratory/Pulmonary Medicine. Dengue Serotyping and Zika Virus testing were also initiated.** Equipment like -80 deg Deep Freeze,-20 deg Deep freeze, RT-PCR instrument(4 donated by UNICEF) Refrigerated Centrifuge, the rest provided by Govt of West Bengal, WBMSCL.

Two Sub-projects under VRDL1)Monkeypox Surveillance(Jan-June,2025) conducted successfully and IPGMER,VRDL was awarded excellence in public health initiative(Dr Hasina Banu,Sub PI,Prof Raja Ray,Prof Hirak Jyoti Raj-Sub -PIs)2)Pan- India Respiratory Viral Surveillance(SARS-CoV 2,Influenza with Subtyping,RSV,Human Metapneumovirus,Adenovirus with Dr Hasina Banu Sub PI,Co-PIs-Prof Raja Ray,Prof Hirak Jyoti Raj(Commenced July,2024) continuing

The second project-AIIMS-CDC-ICMR funded project entitled**" Capacity building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India"** initiated in our hospital as Principal Investigator along with Co-PI, Dr. Hirak Jyoti Raj, under which surveillance of hospital infection with respect to CLABSI.,CAUTI in ITUs, ICUs has been strengthened plus CLABSI prevention tool kit has been initiated as Quality assurance initiative to cut down on CLABSI rates at ICUs .Under the extended version of the project which commenced in December,2022 Quality Improvement initiative projects have been commenced at ITU,CCU to enhance HIPC measures. New antibiotic discs and MIC Agar dilution screen for Vancomycin resistance in

Staph and Enterococci introduced and microbroth dilution for Colistin initiated methods under AST are continuing. The project was wound up in Feb,2024.Collaborative research publications are continuing even now on the work done under this project.

Antimicrobial Resistance Surveillance Project initiated as Principal Investigator wherein IPGMER has been selected as West Bengal Regional Centre for Antimicrobial resistance surveillance" under which cumulative antibiogram data acquisition and formulation of Antibiotic policy for clinicians had been initiated and achieved by June,2021 and is continuing for third year(August,2025)) .In addition, endorsement of Hospital Infection Control Committee by hospital authorities, ongoing analysis of cumulative antibiogram data and new phenotypic screening, confirmatory and special tests like Colistin Broth Microdilution, E-Test for Oxacillin-Vancomycin Agar Screen, Ceftazidime-Avibactam with Aztreonam Synergy screening test have already begun and continuing. This project terminated in February,2023, but the activities initiated under the project continues.

Antimicrobial Stewardship Implementation Project, (ICMR) a sister project of AMRSP which commenced in March, 2019 and its continuing benefits are updating hospital antibiogram annually to guide clinicians in choice of antibiotic. In August,2025, Hospital Antibiotic Policy was published for 5th year. The last HAICC meeting was held 22nd November under World Antimicrobial Awareness Week. The Antibiotic Policy was distributed amongst clinicians of this institute for serving as a guide to rational antibiotic usage. One hundred fifty beds in different wards and ICUs are under AMSP-Implementation project where Prof Asim Kundu is PI and Prof Dr Raja Ray, Dr Hirak Jyoti Raj are Co-PI.

Other Important roles/ responsibilities.

1. Elected,Secretary,Board of Studies in Microbiology,WBUHS,in April,2025 after retirement of Prof Manash Sarkar
2. Member secretary of Hospital infection control committee constituted by MSVP 01/04/2020 ,31/03/2021 and re-constituted by Director, IPGMER in 1st July,2023.
3. Member of Expert committee of Medical Board constituted by MSVP, Kolkata
4. Member of the PhD committee of IPGMER along with the other responsibilities.
5. Continuing to function as Principal Investigator in the following projects : 1)Viral Research and Diagnostic Centre, DHR-ICMR, at IPGMER(Medical College Level VRDL) 2)Principal Investigator of the "ICMR, West Bengal Regional Centre for Antimicrobial Resistance" 3) Principal Investigator of AIIMS-CDC-ICMR collaborative project on "Capacity Building and Strengthening of Hospital Infection Control to detect and treat Antimicrobial resistance inIndia"4)Nodal Microbiologist, IDSP and NVBDCP,IPGMER, Kolkata. In addition took responsibility as 5)In Charge Lab testing of CB-NAAT/TRU NAAT(NTEP) for tuberculosis testing under collaboration with Pulmonary Medicine department) 6)In addition, took charge as Co-PI in the Antimicrobial Stewardship Implementation Program commenced since August,2019 7)In addition took charge as Nodal Officer, State Referral Laboratory, National Viral Hepatitis Control Program. 8) Currently, Lab In Charge of COVID 19 Testing Lab a at IPGMER under approval from DG-ICMR since March,2020 01/04/2020 to 31/03/2021and continuing. 9)Co-PI, Congenital Rubella Syndrome Surveillance Project, ICMR.
6. Actively involved in sending MDRO strains to Nodal Centers for creating genomic database of drug-resistant genes in these organisms of our institute(AMRSP and AMSP Implementation)
7. **Member, Expert Committee, NAP-AMR, NMC and Regional Co-Ordinator,Eastern Region,NAP-AMR(appointed by Chaiman, NAP-AMR, NMC, New Delhi,Prof Vijayalakshmi Nag for designing teaching tools and designing curriculum for training** healthcare professionals and students on basic knowledge of antimicrobial resistance.
8. Received Training on "Laboratory Management System and Internal Auditor" as per ISO 15189:2012(CSI) Centre for Quality Initiative, Kolkata(CQI Certificate No: IRQS/220100579)November,2022
9. Member, Tender Selection Committee of Institute(vide order no Inst/4072 dated 18/8/2021
10. Pre-PhD and PhD Seminar assessment expert at WBUHS
11. **Co-PI OF Congenital Rubella Syndrome Surveillance project under ICMR-NIV for screening mothers and newborns or Rubella/Congenital Rubella since September,2025**
12. **Member, Expert Committee, NAP-AMR for preparing Teaching/Training Modules for Control of AMR, NMC, New Delhi.**
13. **Member of UG,PG Board of studies, WBUHS**
14. **Member, State AMR Expert Group, Swasthya Bhawan.**
15. **Member, Core Committee, NTEP-IPGMER.**
16. Organized One day State level Sepsis Prevention Program on 25th Sept 2025 at IPGME&R Kolkata on behalf of Hospital Infection control committee Doctors Nurses and Stake holders and acted as one of the Speakers
17. Organized One day Sensitization Program on the occasion of World Anti-Microbial awareness week on 22ndNov,2024 at IPGME&R on behalf on HAICC, IPGMER and served as A Speaker also.
18. Organized workshop on 21st – 22nd February 2025 on "Hands-on Training Workshop on Molecular Diagnostic Microbiology (RT-PCR) & Micro ELISA" for 3rd Prof Part I, MT (Labs)
19. Organized Molecular Diagnostics of Emerging Infectious Disease (RT-PCR) under Perizzia (on 25th August 2025) for 3rd Prof Part I students
20. Organized CME on "Melioidosis : The Emerging Threat on India" on 15th September 2025 in association with Dept of Infectious Disease (WBMC Accredited CME)
21. Organized Sensitization Programme on Hospital Infection Control (on 3rd April 2025) for 3rd Prof Part I students, Sisters-in-charge, Critical Care, HICNS (covering areas of Biomedical Waste Disposal, Universal & Standard Precautions, Care Bundle Approach for Hospital Infections)
22. **Chairperson In the Committee for finalizing specs for CSSD set up at Tamrolipta MCH, June 2025(DME,DHS)**
23. **Chairperson, Committee on Antimicrobial Resistance Control, was asked to submit a report on progress on this issue, 13th November, 2025(DME,DHS)**

AMR RELATED ACTIVITY, EQAS RELATED ACTIVITY

Continued usage of Vitek 2 Compact ID-AST testing to generate quality assured MIC level data and very recently therapeutic index calculation for clinicians to guide them in their choice of antibiotic. In addition, multi-drug resistant strains have been regularly sent to CMC, Vellore, PGIMER, Chandigarh, JIPMER, Puducherry for genotyping and detection of drug resistance gene profile under AMRSP project. Under this project, SOP Bacteriology introduced and IQAS measures have been initiated at our laboratory, besides with support from Director, IPGMER, our department has enrolled in EQAS program in nationally reputed organization (IAMM-EQAS and AMR-EQAS where our laboratory has acquired close to 100% marks in the last 4 EQAS assessments.

CB-NAAT/TRUNAAT testing for *Mycobacterium tuberculosis* has increased the sensitivity of diagnosis of Tuberculosis continues, and quality assurance testing under RNTCP is in place.

Reviewer of research articles in Indian Journal of Public Health and Journal of Evolution in Medical and Dental Sciences, BMJ, Lancet Health

Member, Maternal Death Review Committee (G&O), IPGME&R.

Selected as Chairperson of Expert Committee for detect identification of component of antibiotic package as per recent protocol of antibiotic usage guideline in IPD, OPD of ANANYO, WOODBURN-2 on 1/11/2025 at MSVP office, SSKM Hospital.

Arranged successfully a sensitization programme on Antimicrobial Resistance during WAAW 2025 on 22nd November 2025 at IPGME&R SSKM Hospital for PGTs, PDTs, Senior Nursing Personnel, Faculty at Academic Building, IPGMER order of DME, DHS.

ADDITIONAL CHARGE AS HOD, MICROBIOLOGY

1. Member of Covid Testing Experts Committee appointed by Principal Secretary, Health as Member of Expert Committee on procurement of Automated RNA extraction kits for COVID19 appointed by DME, Govt. of West Bengal
2. Member of Tender and Procurement Committee Of WBMSCL for procurement of Equipment, Kits and Logistics for Covid Testing Labs, Govt of West Bengal
3. Member of Tender and Procurement Committee for procurement of equipment for NVHCP, Govt of West Bengal.
4. Member, Tender Committee for procurement of lab consumables and lab equipment (1stApril,2022-31st March,2023.
5. Invited as Guest Faculty to speak on "Diagnostic Stewardship- Overview and Guidelines" at CME on Antibiotic Stewardship and Infection Prevention and Control of Diamond Harbour Medical College on 31st January, 2023.
6. A joint collaborative seminar cum workshop between Critical Care Medicine and Microbiology was held on 29th September,2022 attended clinicians, nurses, pharmacologists, microbiologists
7. Selected Nodal Officer for Monkeypox surveillance screening under DHR-ICMR in August, 2023.
8. Selected as Subject expert of PhD viva and PhD confirmation seminar of WBUHS during the period 1st April,2022 to 31st March,2023 by Dean, WBUHS.
9. Invited as Guest Faculty to speak on "Diagnostic Stewardship- Overview and Guidelines" at CME on Antibiotic Stewardship and Infection Prevention and Control of Diamond Harbour Medical College on 31st January,2023.
10. Selected as Nodal officer for validation center at Covid 19 Lab, IPGMER of RAPID ANTIGEN TESTING KITS by comparing with RT PCR by DHR-ICMR.
11. Attended the final windup PI meeting on AMRSP project at Ramalingaswamy Bhawan ICMR, New Delhi on 1st September,2022 Attended the AIIMS-CDC-ICMR project meeting of PIs held on 7th November,2022 at New Delhi
12. Successfully faced two inspections on Quality Assessment by DHR-ICMR, VRDL and 3rd Party Assessment (National Productivity Council) on 13/11/2025

ACHIEVEMENTS

1. Co-PI/IPGMER,Antimicrobial Stewardship Programmme,ICMR(1)and Antimicrobial Stewardship Implementation Program (commenced2019(1),commenced March 2022(2)).Continuing till date.
2. Co-PI,RNTCP Operational Research Project, "Role of Non-Tuberculous Mycobacteria in Pulmonary and Extrapulmonary tuberculosis from cases attending a tertiary care level hospital in Kolkata "Project submitted and Co-PI along with Dr Nupur Pal, Current operational research project "Studying the prevalence of latent tuberculosis in high-risk group and household contacts of active pulmonary tuberculosis at a tertiary care hospital, SSKM/IPGMER" submitted Feb,2025
3. Co-PI, Congenital Rubella Syndrome Surveillance Project(ICMR-DHR) collaboration with Dept of Paediatrics, IPGMER since January,2022 responsible for overall supervision of lab testing for rubella under the project
4. "Evaluation of the Antifungal effect of safe and biocompatible silver nano particles on clinically important candida isolates "MRU project Co-PI along with Dr Nupur Pal
5. Member, Technical Expert for Tender committee for selection of RT-PCR platform and RT-PCR Logistics for for NVHCP for viral load testing of HepB and HepC (appointed by General Manager, WBMSC)
6. Member, Technical Expert Committee member for selection of RT-PCR platform, RT-PCR Logistics for Covid 19 testing during the Coronavirus pandemic(since February,2020)
7. Clinical Microbiology experience of one and half years a BM Birla Heart Research Centre (August, 1995-November-1996)
8. Member,Expert Committee, Investigation of Outbreak of ARI in North Bengal(17/9/2021) appointed by DME and DHS,, Govt of West Bengal
9. PI,VRDL Project-Successfully conducted the 6 month surveillance programme on Monkey Pox Surveillance (DHR-ICMR) and received recognition for excellent performance among four VRDL labs all over India.
10. Our VRDL Received recognition as recognized(Jan-June,2024) WHO-EQAS centre for Monkeypox testing in December,2024
11. Working committee Member on Neuro-amoebiasis. Member- Prof. Dr. Raja Ray. From August 2024
12. **Received Recognition as Participant Member in the Annual Report, Antimicrobial Resistance Research and Surveillance Network, DHR-ICMR(Nov,2025)**
13. **DEPARTMENTAL ACHIEVEMENTS: Department of Microbiology obtained Silver Medal in All India Ranking (8th Position among 117 medical colleges) for excellence in Public Health Laboratory Service (April 2024-March 2025) at VRDL CONCLAVE, on 11th September, 2025**

PUBLICATIONS:

1. Parveen R, Thakur AK, Srivastav S, Puraswani M, Srivastava AK, Chakrabarti A, Rodrigues C, Ray P, Biswal M, Taneja N, Wattal C, Venkatesh V, Sethuraman N, Bhattacharya S, Nag VL, Tak V, Behera B, Balaji V, Ray R, Singh SK, Mukhopadhyay C, Michael JS, Fomda BA, Karuna T, Deotale V, Das P, Prasad A, Majumder T, Gupta PK, Padmaja K, Mathur P; Indian CLABSI Surveillance Network Collaborators." Profile of central line-associated bloodstream infections in adult, paediatric, and neonatal intensive care units of hospitals participating in a health-care-associated infection surveillance network in India: a 7-year multicentric study." Lancet Global Health Southeast Asia. 2025 Sep;13:e1564–e1573
2. Mishra J, Paul D, Chatterjee C, Ray R. Granulomatous amoebic encephalitis in an immunocompetent young female: A rare case with microbiological confirmation and survival. Indian J Case Rep. 2025 Oct;11(10):503-506. doi:10.32677/ijcr.v11i10.7754.
3. Srivastava AK, Thakur AK, Singh KV, Parveen R, Puraswani M, Singh P, Chakrabarti A, Rodrigues C, Ray P, Biswal M, Taneja N, Rudramurthy SM, Angrup A, Sehgal I, Agarwal R, Wattal C, Venkatesh V, Sethuraman N, Bhattacharya S, Nag VL, Tak V, Behera B, Hallur V, Balaji V, Ray R, Singh SK, Mukhopadhyay C, Michael JS, Fomda BA, Karuna T, Deotale V, Prasad A, Majumder T, Gupta PK, Padmaja K, Bajpai V, Iravane J, Nath R, Gur R, Lyngdoh NM, Lyngdoh C, Devi S, Malhotra S, Gaind R, Khuraijam RD, Sharma R, Mullan S, Prakash JAJ, Basu S, Paul H, Rupali P, Verma S, Thirunarayan MA, Raj HJ, Saxena R, Rajdev S, Goel N, Mukherjee S, Ramanathan YV, Chelliah J, Mukherjee S, Sonowal A, Sen Gupta S, Verma P, Muralidharan J, Yaddanapudi LN, Duseja A, Jain K, Dutta U, Bhattacharyya P, Mahapatra A, Som TK, Das RR, Tripathy S, Mishra T, Dey A, Vandana KE, Varma M, Omar BJ, Aggarwal A, Baqal S, Singh LC, Gupta N, Bhatia PK, Singh K, Khera D, Himanshu D, Gupta S, Arshad Z, Bhabhor U, Sarode R, Pradhan S, Krishnamoorthi S, Duggal SD, Kumar R, Kaushal GP, Dabas V, Kumar S, Soni KD, Sagar S, Aggarwal R, Singh GP, Bindra A, Farooque K, Walia K, Mathur P. " Epidemiology of non-central line-associated primary bloodstream infections in a network of Indian hospitals: a prospective surveillance study over 7 years" (2017–2024). Int J Infect Dis. 2025 Oct 12;152:108126. doi:10.1016/j.ijid.2025.108126.
4. Pal N, Ray R, Sur S, Roy U, Mallick W, Saha S. Evaluation of the present scenario of last resort antimicrobial resistance with special emphasis on colistin at a tertiary care hospital in India. Int J Med Microbiol. 2025;101001. doi:10.1016/j.ijmmb.2025.101001
5. Sarkar A, Misra S, Roy S, Ray Raja,Pal Dipankar. A rare presentation of adrenal histoplasmosis in an immunocompetent patient as an adrenal crisis. [ ]. 2025 June.Indian Journal of Clinical Research
6. Pal N, Sinha R, Ray R, Dutta S. A rare case of histoplasma and cryptococcus coinfection in an apparently immunocompetent child. J Dr YSR Univ Health Sci. 2025 Jan.
7. Raj HJ, Mondal A, Ray R. View of current trends of carbapenemase production amongst multi-drug resistant Gram-negative bacteria. Prog Palliat Care. 2025.
8. Pal N, Ray R, Kundu S, Maiti P. Intervention strategy for rapid grower mycobacteria outbreak among post-laparoscopic surgical site infections. Indian J Med Res. 2025 Jan.
9. Ahmamed SM, Singh BM, Saren S, Dey P, Ra y R, Chowdhury A. Linkage to care of people with chronic hepatitis B virus and hepatitis C virus infection among blood donors: Experience from an apex treatment centre under National Viral Hepatitis Control Program, India. JGH Open. 2025;9(3):e70085. doi:10.1002/jgh3.70085
10. "Current trends in Carbapenemase production amongst Multi-drug resistantGram Negative Bacteria at a tertiary care hospital in West Bengal"JK Science-Journal of Medical Education and Research.Vol 27,No 1,Jan-March,2025.Ckakravarty Arunima,Ray Raja,Mondal Ananda,Raj Hirak J.
11. "Mycetoma in atypical sites-a case series from Eastern India-Mandal Sameeha,Paul Dipankar,Pal Nupur, Ray Raja.Journal of Clinical and Diagnostic Research.Accepted for publication(10th October,2025)

PhD Thesis Guidance

1. A New anaerobiosis technique using a candle-jar enriched with chemicals for combustion of residual oxygen: validation and its application to determine the incidence of anaerobic infections from different clinical materials by Shrimati Jayeeta Halder, Guide: Prof. P K Maiti & Prof. Raja Ray(Co-guide).University of Calcutta.Completed and awarded PhD degree.
2. Risk of Laboratory acquired microbiological infection and chances of environmental pollution: A comparative analysis between Govt. and Private run laboratories in Hoogly and Burdwan districts of West Bengal (Vidyasagar University, submitted August 19th, 2015).Completed and Awarded.Shri Baldev Das.Guide:Prof Raja Ray
3. Evaluation of the role of Eupatorium perfoliatum extract against Dengue virus infection in HepG2 Cell line and Primary Hepatic Cells. By MoonmoonSinha.Prof Dr Raja Ray,Prof Dr Satadal Das(Registered 29th May,2017,University of Calcutta).Completenced and Awarded in September,2023.
4. "Evaluation of the Antifungal effect of Biocompatible silver nanoparticles on clinically important candida isolates" PhD registered under WBUHS on July,2024.Dr Nupur Pal, Professor of Microbiology, Arambagh Medical College, Hooghly, West Bengal

- Member, Expert Committee on Pre PhD and PhD submission seminar of Dr Soma Sarkar, Dr. Sayantan Bhattachryya

Prof. Dr. Kumkum Bhattacharyya

1. Acted as the Chairperson and Convenor of Mucormycosis multidisciplinary team, May, 2021 onwards.
2. One of the Experts in WBMSCL, Govt. of WB
3. Acts as Biosafety Officer at Institutional Biosafety Committee, IPGME&R from May 2022 onwards
4. Acts a s Member of Institutional MRU, IPGME&R.
5. Co-Investigator in AMRSP project under ICMR. (Concluded in 2022 February) Now continuing as AMSP Implementation since March 2022
6. Presently acting as Consultant Microbiologist, Department of Microbiology, IPGMER and SSKM Hospital.
7. Acted as MBBS and MD Microbiology examiner.
8. Acting as co-Investigator of a multi-centric pan-national AIIMS CDC project titled "Burden and sequelae of Influenza and SARS Cov2 associated Severe Acute Respiratory Infections among adult Indian population aged 18-60 years".

Prof. Dr. Chitrita Chatterjee

Academic duties
1.Classes taken - MD. , MBBS, Nursing, DMLT
2. Examiners for - MD Microbiology examination in IPGMER and SSKMH
Corrected theory papers of MBBS and MD exams
3. Participated in all department activities including lab work.
4. Project work
Acted as the PI of NOHP PCZ.
Organised field visits for health awareness of ASHA workers regarding zoonotic diseases like Brucella Leptospira and Scrub Typhus infections.
Organised seminars under the project on
a. Climatic changes and its impact on infectious diseases.
b. Toxoplasmosis
c. Leptospirosis
5. Conducted the sessional work of UG Students on 'Zoonosis '
6. Incharge of Human Milk Bank sterility maintenance.
7. Trainings programs attended
a. One Health - National One Health Conclave 2025, held on 20–21 November 2025 at Bharat Mandapam, New Delhi, India.
Other projects as Co PI
a. One health and Zoonoses (Dr. Sinjita Dutta is the PI)
b.Correlating antibiotic prescription patterns with resistance in commensal bacteria for one-health based stewardship intervention. (Dr. Pallavi Indwar is the PI)
c. Member of Stem Cell research team of IPGMER & SSKMH
d. Attended - National Consultation on integrated community development for One health as an invited delegate.
8. Publications :
a. Mishra J, Paul D, Chatterjee C, Ray R. Granulomatous amoebic encephalitis in an immunocompetent young female: A rare case with microbiological confirmation and survival. Indian J Case Reports. 2025 Oct;11(10). doi:10.32677/jcr.v11i10.7754.
b. Prof. Dr. Chitrita Chatterjee, Prof.Dr Nupur pal, Practical Guide to Medical Microbiology, Current Books International, Kolkata 70 000 13. September 2025.(pages 180)
9. Guided thesis of(Microbiology)
a. A clinico - serological study of Leptospira infections among patients with pyrexia of unknown origin attending a tertiary care hospital in West Bengal - Dr. Jyoti Mishra
b. A clinico - serological study of Brucella infections among patients with pyrexia of unknown origin attending a tertiary care hospital in West Bengal - Dr. Shivangi Lal
c. A Spatio-Temporal Study on the Impact of Climate Change on Rodent and Vector-Borne Diseases with emphasis on Leptospirosis, Scrub Typhus, Malaria and Dengue - Dr. Ananya Ghosh
Co guide of the thesis of Dr.Swapnajoy Nath (Community Medicine)
a study on the CEO of revalence of scrub typhus is associated factors and related awareness among residence of selected villages in a block of West Bengal

Prof. Dr. Hirak Jyoti Raj

1. Regularly took theoretical lecture classes in MBBS on critical areas like Bacterial identification, Immunological tolerance and autoimmunity, Transplant immunology, Dysentery and diarrhea, Blood stream infection, Hospital acquired infection, gas gangrene-tetanus, parasitology (Echinococcosis, nematodes), virology-Rabies, JE, etc. Taking classes for DMLT and B. Sc Nursing students and Post-basic B. Sc Nursing students.
2. Acting as Guide of one MD thesis.
3. Functioned as reviewer of MBBS examination under WBUHS.
4. Acted as paper setter of 2ND PROF. MBBS EXAM (Microbiology) for TRIPURA UNIVERSITY.
5. Acted as Examiner in MD Microbiology exam in SSUHS-Assam and Berhampur University- Odisha, WBUHS
6. Acted as Moderator of MD Microbiology exam of Tripura University

7. Acted as Examiner in 2nd Prof. MBBS exam in IPGME&R and Jalpaiguri Govt Medical College under WBUHS.
8. Acting as Lab In-charge for ongoing NABL accreditation procedures in Dept of Microbiology under VRDLM activities, along with Dr Hasina Banu and able guidance of Prof Dr Raja Ray.
9. Acted as Resource person in the training on Prescriber's Module under NAP-AMR advocated by NMC for control of AMR on Nov 11-14, 2024
10. Organized CME with Credit points on Melioidosis on September 15, 2025.
11. Member of Anti-Ragging Committee of IPGME&R.
12. Member of HAIC Committee of IPGME&R.
13. Acted as Resource person in the training on Molecular and Serological techniques under VRDL-2025
14. Acted as Resource person in the training on MOLECULAR techniques in PERIZIA-2025
15. Acted as Resource person in the HAICC training April 2025
16. Co-PI in VRDL Project
17. Co-PI in SARI-ILI Project
18. Co-PI: Development of Innovative Diagnostics of Fungal Diseases in India: Addressing a Neglected Public Health Concern'
19. Nominated as domain expert of Microbiology for MT-Lab Recruitment under WBHRB.
20. Attended NOHM Conclave at Bharat Mandapam New Delhi as Co-Pi of VRDL. Organized by Ministry of Health and family welfare.

Publications

i) Mandal AS, Das D, Raj HJ. Unusual presentations of chronic osteomyelitis caused by unusual pathogens: A case series from a tertiary care hospital of eastern India. Panacea J Med Sci2024;14(2):593-601.
ii) Mandal AS, Paul D, Banu HN, Ghosh AK, Raj HJ, Banu H. Uncommon skin and soft tissue infections encountered in adults and children caused by different aerobic, anaerobic bacteria and protistan organism: a series of cases from Kolkata, India. JK Science 2024;26(2):130-133.
iii) De P, Sarkar R, Ray R,Bhattacharyya K, Banu H and Raj HJ. Study of antifungal susceptibility pattern of various Candida species with reference to conventional and automated methods in a tertiary care hospital. Al Ameen J Med Sci 2025; 18(1): 42-46.
iv) Chakravarty A, Ray R, Mondal AS, Raj HJ. Current trends of Carbapenemase Production Amongst Multi-drug Resistant Gram-Negative Bacteria in a Tertiary-Care Hospital in West Bengal. JK Science [Internet]. 2025 Jan. 10 [cited 2025 Nov. 18];27(1):43-8.
v) Mathur, Purva & Srivastav, Sharad & Thakur, Arpan & Parveen, Rasna & Puraswani, Mamta & Srivastava, Ashish & Chakrabarti, Arunaloke & Rodrigues, Camilla & Veeraraghavan, Balaji & Ray, Pallab & Biswal, Manisha & Wattal, Chand & Venkatesh, Vimala & Sethuraman, Nandini & Bhattacharya, Sanjay & Nag, Vijaya Lakshmi & Tak, Vibhor & Behera, Bijayini & Goel, Raj, Hirak Jyoti & Ray,Raja & Neeraj & Walia, Kamini. (2024). Candidaemia and Central Line-Associated Candidaemia in a Network of Indian ICUs: Impact of COVID-19 Pandemic. Mycoses. 67. E13790. 10.1111/myc.13790.
vi) Mathur, Purva & Malpiedi, Paul & Walia, Kamini & Srikantiah, Padmini & Gupta, Sunil & Lohiya, Ayush & Chakrabarti, Arunaloke & Ray, Pallab & Biswal, Manisha & Taneja, Neelam & Rupali, Priscilla & Veeraraghavan, Balaji & Rodrigues, Camilla & Raj, Hirak Jyoti & Ray, Raja & Nag, Vijaya & Tak, Vibhor & Venkatesh, Vimala & Mukhopadhyay, Chiranjay & Deotale, Vijayshri & Padmaja, Kanne & Velayudhan, Anoop. (2022). Health-care-associated bloodstream and urinary tract infections in a network of hospitals in India: a multicentre, hospital-based, prospective surveillance study. The Lancet Global Health. 10. E1317-e1325. 10.1016/S2214-109X(22)00274-1.
vii) Banu H, Pramanick S, Dutta S, Bhattacharyya K and Raj HJ. Assessment of knowledge, attitude & practice of biomedical waste management among junior doctors during COVID-19 pandemic in a medical college & hospital of Eastern India. Al Ameen J Med Sci 2025; 18(3):198-206.

Dr. Hasina Banu

1. **Involved in day to day academic and laboratory activities of the department.**
2. **Scrutinizer in MD Examination September-2025 (WBUHS).**
3. Co-Guide of ongoing MD thesis works (Microbiology)
4. Acted as Guide of STS-ICMR projects of One MBBS student .
5. Acting as Quality manager for ongoing NABL accreditation procedures in Dept of Microbiology under VRDLM activities, along with Dr Hirak Jyoti Raj and able guidance of Prof Dr Raja Ray.
6. Acting as focal person of NVHCP-IPGME&R –SRL
7. Member of Technical Advisory Group on PMTCT under NVHCP.
8. Member of Committee for Stem Cell Storage and Research Facility of IPGME&R.
9. Acted as Supervisor in in-vitro diagnostic kit validation/ performance evaluation
10. Acted as Supervisor in EQAS programme
11. Acted as Resource person in training on "Prescriber module", under NAP-AMR advocated by NMC, NOV 2024
12. Lab in-charge of Mycology lab, Microbiology Dept., IPGME&R
13. Acting.
14. Functioned as reviewer of MBBS examination under WBUHS.
15. Acted as paper setter of 2ND PROF. BDS EXAM (Microbiology) for TRIPURA UNIVERSITY.
16. Acted as Examiner 2ND PROF. BDS EXAM (Microbiology) -TRIPURA UNIVERSITY
17. Acted as Examiner in 2nd Prof. MBBS exam in Manipal Tata Medical College, Jamshedpur.
18. Acted as Examiner in DMLT exam at SCCGMCH and BGMCH, WBUHS
19. Acted as Resource person in the training on Prescriber's Module under NAP-AMR advocated by NMC for control of AMR on Nov 11-14, 2024
20. Organized CME with Credit points on Melioidosis on September 15, 2025.

21. Acted as Resource person in the training on Molecular and Serological techniques under VRDL-2025
22. Acted as Resource person in the training on MOLECULAR techniques in PERIZIA-2025
23. Acted as Resource person in the Mammalian Cell- Culture workshop in MRU, IPGMER, Sept-2025
24. Delivered a presentation on stem cell therapy and research in Swasthya Bhawan.
25. Received four days' internal auditor's training (ISO- 15189: 2022) AT AIIMS, New Delhi- September 2025
26. Received one day TOT training under NACO, August 2025.
27. Received one day TOT training for state wise scale up of triple elimination of HIV, Syphilis and Hepatitis B, January 2025.
28. Nominated and acted as domain expert of Microbiology for MT-Lab Recruitment under WBHRB
29. **PI- Development of Innovative Diagnostics of Fungal Diseases in India: Addressing a Neglected Public Health Concern', funded by ICMR (Sanctioned Fund- 184743733.2/-)**
30. Co-PI in VRDL Project
31. CO-PI in ICMR funded project Pan India surveillance for respiratory viruses through DHR-ICMR VRDL Network- strengthening of VRDL in West Bengal and Kerala
32. Co-PI -Culture-independent detection of Chlamydia trachomatis using LAMP in settings similar to primary healthcare.

Publications

i) De P, Sarkar R, Ray R,Bhattacharyya K, Banu H and Raj HJ. Study of antifungal susceptibility pattern of various Candida species with reference to conventional and automated methods in a tertiary care hospital. Al Ameen J Med Sci 2025; 18(1): 42-46.
ii) Banu H, Pramanick S, Dutta S, Bhattacharyya K and Raj HJ. Assessment of knowledge, attitude & practice of biomedical waste management among junior doctors during COVID-19 pandemic in a medical college & hospital of Eastern India. Al Ameen J Med Sci 2025; 18(3):198-206
iii) Gurung, S., Chatterjee, A., Yonzan, R., Majumdar, A., Chhophel, T. P., Tewari, E., Sharma, D. K., Banu, H., Sarkar, M. C., & Dutta, S. (2025). Epidemiology and Genotyping of Rotavirus Gastroenteritis in Children <5 Years in Sikkim, North East India. *Journal of global infectious diseases*, *17*(1), 24–28.

Dr. Dipankar Paul

1. Presently involved in day to day academic and laboratory activities of the department like conducting theory and practical classes for M.B.B.S., B.Sc. Nursing, D.M.L.T. courses and routine laboratory diagnostic activities including bacteriology, serology, parasitology and mycology.
2. Other guide of Dr. Sanchari Bairagya and Dr. Shilpa Barman, PGTs, for their thesis works.
3. Partcipated in TROPACON 2024 at NIRBI- ICMR, Kolkata on 5.1.2025
4. Partcipated in the workshop on "Laboratory diagnosis of emerging viral infections" organized by VRDL, IPGME&R on 20.2.2025 to 22.2.2025
5. Attended MICROCON WB 2025 at Medical College, Kolkata on 15.6.2025
6. External examiner in 2nd Prof. MBBS examination in Microbiology (WBUHS) at KPC Medical College on 25.8.2025 to 29.8.2025
7. Internal examiner of DMLT (Tech, Final year) examination conducted by State Medical Faculty at IPGME&R on 2.9.2025
8. External examiner of DMLT (Tech, Final year) examination conducted by State Medical Faculty at KPC Medical College on 4.9.2025
9. Actively participated in the CME on "Melioidosis: the emerging threat in India" organized by Microbiology & Infectious Diseases Departments, IPGME& R on 15.9.2025
10. Participated as observer of WBUHS in the 1st Prof. MBBS theory examination on 16.10. 2025
11. Conducted foundation course of fresh MBBS batch on " Universal precaution & demonstration of PPE donning and doffing" on 18.10.2025
12. Acting as co-Investigator of a multi-centric pan-national AIIMS CDC project titled "Burden and sequelae of Influenza and SARS Cov2 associated Severe Acute Respiratory Infections among adult Indian population aged 18-60 years".

Publications:

Co-author of : i) "A rare presentation of Adrenal histoplasmosis in an immunocompetent patient as an adrenal crisis" Published in Indian Journal of Case Reports Vol 11, No. 6, June 2025

ii) "A rare case of co-infection with intestinal parasites in a patient of segmental colitis-A case report" published in IOSR Journal of Dental & Medical Sciences Vol 24 Issue 8 Ser 1, August 2025

iii) "Granulomatous amoebic encephalitis in an immunocompetent young female : A rare case with Microbiological confirmation and survival" published in Indian Journal of Case Reports Vol 11 No. 10, October 2025

"Mycetoma in atypical sites: a case series from Eastern India" Accepted for publication in January 2026 issue in The Journal of Clinical and Diagnostic Research.

Dr. Rehena Sarkar

1. Promoted to the post of Assistant Professor, Microbiology under WBMES and joined the Department of Microbiology, IPGME&R and SSKM Hospital, Kolkata-20 on 30/11/2021 FN.
2. Involved in preparing theory and practical class rosters for MBBS students with consultation with HOD Microbiology.
3. Involved in preparing class rosters for B.Sc. Nursing, D.M.L.T courses, BPT courses and DCLT courses with consultation with HOD Microbiology.
4. Presently involved in day to day academic and laboratory activities of the department like conducting theory and practical classes for M.B.B.S., B.Sc. Nursing, D.M.L.T. courses and routine laboratory diagnostic activities including bacteriology, serology, parasitology and mycology.

5. **Examiner of DMLT examination (WBSMF) .**
6. **Scrutinizer in DMLT Examination (WBSMF)**
7. **Scrutinizer in 2nd Prof MBBS examination .**
8. In-charge of Mycobacteriology Lab, Co-incharge of CBNAAT Lab.
9. Successfully completed GCP training at IPGME&R on 11.5.2024
10. Successfully completed BCBR training
11. Other guide of PGT Dr. Priyanka Naskar- Study of invasive fungal infection special reference to invasive aspergillosis in tertiary care hospital.
12. Participated as External Examiner in Oral Practical Examination of 2nd Prof MBBS
13. Publication: De P, Sarkar R, Ray R,Bhattacharyya K, Banu H and Raj HJ. Study of antifungal susceptibility pattern of various Candida species with reference to conventional and automated methods in a tertiary care hospital. Al Ameen J Med Sci 2025; 18(1): 42-46

Dr. Moumita Naskar

1. Joined IPGME&R, SSKM Hospital in the month of May 2025 as Senior Resident.
2. Involved in regular academic activities of the department which includes taking classes, performing assessments , arranging examinations and tabulating marks of MBBS, DMLT, Nursing students, other paramedical courses etc.
3. Arranged MD, MBBS, DMLT Oral and Practical Examinations. Has taken part in seminars, academic discussions, sensitization sessions under NVBDCP programme, laboratory activities and patient care services of the department, including UG teaching and examination of MBBS, Nursing, DMLT students.
4. Involved in preparation of study tools (e.g.OSPE) as per NMC guidelines.
5. Involved in daily approval of laboratory reports to the HMIS portal.
6. Presented a seminar on the "*Importance of One Health: Role of a Microbiologist*" at the department of Microbiology, IPGME&R on 6th November, 2025.
7. Attended CME on "Melioidosis : The emerging threat in India" at IPGME&R on 15th September 2025
8. Presented in 3 day long Sensitization session on the "Sample Collection and Basic Laboratory Diagnostic Outline" under NVBDCP Programme at IPGME&R on 9th to 11h September 2025.
9. Attended the seminar on "World Zoonoses Day: Combating Rabies: A One Health approach" at IPGME&R SSKM Hospital on 15th July 2025
10. Attended 15th IAMM CONFERENCE (west Bengal Chapter) 2025 on 14th & 15th June 2025
11. Participated in the preparation of Antibiotic Policy of IPGME&R, July 2025 edition.
12. Participated in workshop on 21st – 22nd February 2025 on "Hands-on Training Workshop on Molecular Diagnostic Microbiology (RT-PCR) & Micro ELISA for 3rd Prof Part I, MT (Labs)
13. Participated in Molecular Diagnostics of Emerging Infectious Disease (RT-PCR) under Perizzia (on 25th August 2025) for 3rd Prof Part I students
14. Participated in CME on "Melioidosis : The Emerging Threat on India" on 15th September 2025 in association with Dept of Infectious Disease (WBMC Credit point 2)
15. Participated in Sensitization Programme on Hospital Infection Control (on April 2025) for 3rd Prof Part I students, Sisters-in-charge, Critical Care, HICNS (covering areas of Biomedical Waste Disposal, Universal & Standard Precautions, Care Bundle Approach for Hospital Infections)
16. Attended the "World Sepsis Day" on 24th September 2025
17. Attended the sensitization programme on AMR under WAAW 2025 organized at IPGME&R on 22nd November 2025

Dr. Sameeha Mandal

1. Joined the Dept. of Microbiology, IPGME&R and SSKM Hospital on August 2023 as a Senior Resident.
2. Involved in regular academic activities of the department which includes taking classes, performing assessments , arranging examinations and tabulating marks of MBBS, DMLT, Nursing students, other paramedical courses etc.
3. Arranged MD, MBBS , DMLT Oral and Practical Examinations . Has taken part in seminars, academic discussions, laboratory activities and patient care services of the department ,including UG teaching and examination of MBBS, Nursing, DMLT students.
4. Involved in preparation of study tools (e.g.OSPE) as per NMC guidelines.
5. Involved in daily approval of laboratory reports to the HMIS portal.
6. Involved in taking part in sensitization sessions under NVBDCP programme
7. Attended the webinar on "Prescriber's Module under NAP-AMR" on November 2024
8. Attended the "World Antimicrobial Awareness Week 2024" Conference arranged at IPGME&R on 23rd November 2024
9. Participated in the Research Methodology workshop organized by MRU of Medical College and Hospital, at Medical College and Hospital, Kolkata on 12th, 13th and 14th December 2024
10. Attended TROPACON 2025 on 5th and 6th January 2025 at NIRBI, Kolkata
11. Presented a poster on "A rare case of Schistosoma haematobium infection" at West Bengal State conference of Indian Academy of Tropical parasitology- TROPACON 2024 on 6th January, 2025.
12. Attended national conference of Society for tropical & Emerging Infectious disease (STRIDE) at AIIMS, Kalyani on 8th February
13. Attended hands-on training workshop on laboratory diagnosis of emerging viral diseases (ELISA and PCR) at VRDL, IPGME&R and SSKM Hospital on 21st and 22nd February, 2025.
14. Attended seminar on re-emerging diseases and climate change under NOHPCZ at IPGME&R and SSKM Hospital on 26th March, 2025.
15. Attended the seminar on "World Zoonoses Day: Combating Rabies: A One Health approach" at IPGME&R SSKM Hospital on 5th July 2025

16. Attended 15th IAMM CONFERENCE (West Bengal Chapter) 2025 on 14th & 15th June 2025 at Medical College, Kolkata
17. Participated in CME on "Melioidosis : The Emerging Threat on India" on 15th September 2025 in association with Dept. of Infectious Disease at IPGME&R and SSKM Hospital
18. Participated in the "World Sepsis Day" celebration as a speaker at the Dept. of Critical Care Medicine on 13th September 2025
19. Participated in the "World Sepsis Day" celebration as a speaker (Topic- Role of Antimicrobial Stewardship in prevention of Sepsis) under the Dept. of Microbiology on 25th September 2025 at IPGME&R and SSKM Hospital
20. Attended the sensitization programme on AMR under World Antimicrobial Resistance Awareness Week (WAAW) 2025 organized at IPGME&R on 22nd November 2025
21. Journal accepted for publication on 10th October 2025. "Mycetoma in atypical sites- a case series from Eastern India" by JCDR (Journal of Clinical and Diagnostic Research). Yet to be published.
22. Submitted an ICMR approved project titled "Bacteroides fragilis – A friend or a foe?" for Ethical approval at IPGME&R-SSKM Hospital (Role in project – CoPI)

DEPARTMENTAL ACADEMIC/TEACHING/ RESEARCH ACTIVITIES (POST GRADUATE TRAINEES)

Dr. Abhinandita Sarkar, 3rd year PGT, Microbiology

Completed Thesis work on "Estimating Prevalence of MDR/XDR stains among Clinical isolates in Hospitalised patients of Tertiary Care Hospital with special emphasis on Carbapenem & Colistin Resistance" under the Guidance of Dr. Raja Ray, Dr Hirak Jyoti Raj ,Dr. Nupur Pal being the other guides.

Attended seminar on Evaluation of anti-microbial and anticancer property of bio-compatible novel silver nanoparticles on 8th January, 2024.

Have attended STMIDI Seminar and presented a work on "A case of Ruptured Hydatid Cyst with Broncho-Biliary Fistula" under the guidance of Dr Prof& HOD Raja Ray, Dr. Dipankar Paul

Attended seminar on Toxoplasmosis at IPGME&R and SSKM Hospital under NOHPCZ on 11th January, 2023.

Attended Seminar on Dengue Fever under NOHPZ on 20th March at IPGMER.

Attended Seminar on Anthrax and leptospira under NOHPZ on March 28th.

Attended Seminar on One health Topic "Brucellosis in Children" on May 29th.

Attended Academic Fest HOPECON on 30th June -2nd July

Attended Seminar on "Stop sepsis save lives" on world sepsis day.

Attended Departmental Seminars and taken practical exams of MBBS batches, DCLTclasses, BPT Classes, attended MD and MBBS practical examinations.

Attended IAMM Monthly meeting at Medical College and Hospital ,Kolkata 10th Febuary 2024

Attended Workshop on ACLS-BLS Training Programme on 10th-11th May at IPGME&R AND SSKM HOSPITAL,KOLKATA

Celebration of World Zoonosis Day at the Dept.of Microbiology IPGME&R AND SSKM Hospital,Kolkata on 6th July 2024

Attended World Antimicrobial Awareness Week at IPGME&R and SSKM Hospital on 23rd November 2024

Attended Webnair on NAP-AMR at IPGMER AND SSKM Hospital on November,2024

Attended national conference of Society for tropical & Emerging Infectious disease at AIIMS, Kalyani on 8th February.

Poster presentation at national conference of Society for tropical & Emerging Infectious disease at AIIMS, Kalyani on 8th February.

Attended hands-on training workshop on laboratory diagnosis of emerging viral diseases (ELISA and PCR) at VRDL, IPGME&R and SSKM Hospital on 21st and 22nd February, 2025.

Attended seminar on re-emerging diseases and climate change under NOHPZ at IPGME&R and SSKM Hospital on 26th March, 2025.

Dr. Sanchari Bairagya, 3rd year PGT, Microbiology

1. Completed thesis work on: "A study of enteric parasites with special reference to cryptosporidium in patients with diarrhea attending a tertiary care hospital in Eastern India" Under the guidance of Professor Dr. Kumkum Bhattacharyya, Professor Microbiology IPGME&R and SSKM Hospital and other guide: Dr. Dipankar Paul, Assistant professor Microbiology, IPGME&R and SSKM Hospital.
2. Attended Seminar on Toxoplasmosis Fever under NOHPZ on 11th January at IPGMER
3. Attended seminar on Dengue at IPGME&R and SSKM Hospital under NOHPCZ on 20th March.
4. Attended seminar on One Health at IPGME&R and SSKM under NOHPCZ on Anthrax and Leptospira on 28th March.
5. Attended seminar on Brucellosis on children at IPGME&R and SSKM Hospital under NOHPCZ on 29th May.
6. Attended seminar on World Sepsis Day "Stop sepsis save lives" at IPGME&R and SSKM Hospital on 13th November.
7. Attended seminar on World Antimicrobial Awareness Week at IPGME&R and SSKM hospital on 23rd November.
8. Attended CME on Parasites Of Public Health Importance (IATP WB chapter) on 4th November.
9. Attended departmental seminars and taken MBBS practical classes, DCLT classes and BPT classes. Arranged MD and MBBS practical examinations.
10. Attended seminar on Evaluation of anti-microbial and anticancer property of bio-compatible novel silver nanoparticles on 8th January, 2024.
11. Attended Workshop on ACLS-BLS Training Programme on 10th-11th May at IPGME&R AND SSKM HOSPITAL,KOLKATA
12. Celebration of World Zoonosis Day at the Dept.of Microbiology IPGME&R AND SSKM Hospital,Kolkata on 6th July 2024
13. Attended Webnair on NAP-AMR at IPGMER AND SSKM Hospital on November,2024.
14. Attended West Bengal State conference of Indian Academy of Tropical parasitology- TROPACON 2024 on 5th and 6th January,2025.
15. Poster presentation done at West Bengal State conference of Indian Academy of Tropical parasitology- TROPACON 2024 on 6th January, 2025.

16. Acquired third position in poster presentation at West Bengal State conference of Indian Academy of Tropical parasitology-TROPACON 2024 on 6th January,2025.
17. Attended national conference of Society for tropical & Emerging Infectious disease at AIIMS, Kalyani on 8th February.
18. Poster presentation at national conference of Society for tropical & Emerging Infectious disease at AIIMS, Kalyani on 8th February.
19. Attended hands-on training workshop on laboratory diagnosis of emerging viral diseases (ELISA and PCR) at VRDL, IPGME&R and SSKM Hospital on 21st and 22nd February, 2025.
20. Attended seminar on re-emerging diseases and climate change under NOHPZ at IPGME&R and SSKM Hospital on 26th March, 2025.
21. Published a rare case report of Co infection with intestinal parasites in a patient of segmental colitis in the International Organisation Of Scientific Research (IOSR Journals).

Dr. Jyoti Mishra, 3rd year PGT, Microbiology

1. Completed Thesis work on "A clinico-serological study of Leptospira infections among patients with pyrexia of unknown origin attending a tertiary care hospital in West Bengal." under the Guidance of Dr. Chitrita Chattopadhyay, Dr. Niladri Sarkar being the other guide.
2. Attended seminar on Evaluation of anti-microbial and anticancer property of bio-compatible novel silver nanoparticles on 8th January, 2024.
3. Attended Seminar on Dengue Fever under NOHPZ on 20th March at IPGMER.
4. Attended Seminar on Anthrax and Leptospira under NOHPZ on March 28th.
5. Attended Seminar on One health Topic "Brucellosis in Children" on May 29th.
6. Attended Seminar on "Stop sepsis save lives" on world sepsis day.
7. Attended seminar on World Antimicrobial Awareness Week at IPGME&R and SSKM hospital on 23rd November, 2023.
8. Attended Departmental Seminars and taken practical exams of MBBS batches, DCLTclasses, BPT Classes, attended MD and MBBS practical examinations.
9. Attended IAMM Monthly meeting at Medical College and Hospital ,Kolkata 10th Febuary 2024
10. Celebration of World Zoonosis Day at the Dept.of Microbiology IPGME&R AND SSKM Hospital,Kolkata on 6th July 2024
11. Attended Workshop on ACLS-BLS Training Programme on 10th-11th May at IPGME&R AND SSKM HOSPITAL,KOLKATA
12. Attended World Antimicrobial Awareness Week at IPGME&R and SSKM Hospital on 23rd November 2024
13. Attended Webnair on NAP-AMR at IPGMER AND SSKM Hospital on November,2024
14. Attended West Bengal State conference of Indian Academy of Tropical parasitology- TROPACON 2024 on 5th and 6th January,2025.
15. Poster presentation done at West Bengal State conference of Indian Academy of Tropical parasitology- TROPACON 2024 on 6th January, 2025.
16. Attended national conference of Society for tropical & Emerging Infectious disease at AIIMS, Kalyani on 8th February.
17. Poster presentation at national conference of Society for tropical & Emerging Infectious disease at AIIMS, Kalyani on 8th February.
18. Attended hands-on training workshop on laboratory diagnosis of emerging viral diseases (ELISA and PCR) at VRDL, IPGME&R and SSKM Hospital on 21st and 22nd February, 2025.
19. Attended seminar on re-emerging diseases and climate change under NOHPZ at IPGME&R and SSKM Hospital on 26th March, 2025.

Dr. Arnab Saha- 2nd Year PGT , Microbiology

Presently carrying out Thesis work on - Profile of bacterial pathogens from respiratory samples of critically ill patients in a tertiary care hospital. A study done in phenotypic and Biofire film array based techniques. Guides- - Dr.Raja Ray Prof and Head Department of Microbiology IPGMER&SSKM Hospital Kolkata , Dr. Hirak Jyoti Raj Prof Department of Microbiology IPGMER & SSKM Hospital Kolkata, Dr. Yogiraj Ray Asso Prof and Head Infectious Disease , IPGMER &SSKM HOSPITAL KOLKATA , Dr. Asim Kr Kundu , Prof and Head Department of Critical Care Medicine IPGMER&SSKM Hospital Kolkata.

1. Attended the seminar on "World Zoonoses Day: Combating Rabies: A One Health approach" at IPGME&R SSKM Hospital on 15th July 2025.
2. Attended a seminar on the "Importance of One Health: Role of a Microbiologist" at the department of Microbiology, IPGME&R on 6th November, 2025
3. Participated in CME on "Melioidosis : The Emerging Threat on India" on 15th September 2025 in association with Dept of Infectious Disease (WBMC Credit point 2)
4. Participated in Sensitization Programme on Hospital Infection Control (on April 2025) for 3rd Prof Part I students, Sisters-in-charge, Critical Care, HICNS (covering areas of Biomedical Waste Disposal, Universal & Standard Precautions, Care Bundle Approach for Hospital Infections)
5. Participated in " World Sepsis Day" on 24th September 2025 Presented a seminar on the "Importance of One Health: Role of a Microbiologist" at the department of Microbiology, IPGME&R on 6th November, 2025.
6. Attended CME on "Melioidosis : The emerging threat in India" at IPGME&R on 15th September 2025 organisd by Dept of Microbiology and accredited by West Bengal Medical Council
7. Presented in 3 day long Sensitization session on the "Sample Collection and Basic Laboratory Diagnostic Outline" under NVBDCP Programme at IPGME&R on 9th to 11h September 2025.
8. Attended 15th IAMM CONFERENCE (west Bengal Chapter) 2025 on 14th & 15th June 2025
9. Attended the sensitization programme on AMR under WAAW 2025 organized at IPGME&R on 22nd November 2025 Organised by HOD,Microbiology

10. Attended Workshop on GCP Training Programme on 14th august at IPGME&R AND SSKM HOSPITAL, KOLKATA
11. Attended training programme on 7th November at institute of health and family welfare
12. Attended SEPRECON 2025 of sepsis and respiratory conference on 30th and 31st August 2025
13. Attended seminar of world hepatitis day on 28th July at IPGMER
14. Attended seminar on re-emerging diseases and climate change under NOHPZ at IPGME&R and SSKM Hospital on 26th March, 2025.
15. Presented and secured the position of Second runner-up in 69th Foundation Day of IPGME&R in January 2025
16. Presented a Poster presentation on "Biofire" in STRIDE Conference at AIIMS Kalyani on 8th February, 2025.

Dr. S. Shivangi Lall- 2nd Year PGT Microbiology

Presently carrying out Thesis work on Comparison of traditional test-Blood culture, SAT, RBPT with newer methods (ELISA) for Brucella species in patients attending a tertiary care hospital in west Bengal Guide- Dr. Prof Chitrita Chattopadhyay, Dr. Niladri Sarkar Prof Medicine IPGMER&SSKM Hospital, Dr. Nupur Pal Prof Department of Microbiology Arambag Prafulla Chandra Sen Medical College being the other guide.

1. Attended the seminar on "World Zoonoses Day: Combating Rabies: A One Health approach" at IPGME&R SSKM Hospital on 15th July 2025.
2. Presented a seminar on the "Importance of One Health: Role of a Microbiologist" at the department of Microbiology, IPGME&R on 6th November, 2025
3. Participated in CME on "Melioidosis : The Emerging Threat on India" on 15th September 2025 in association with Dept of Infectious Disease (WBMC Credit point 2)
4. Participated in Sensitization Programme on Hospital Infection Control (on April 2025) for 3rd Prof Part I students, Sisters-in-charge, Critical Care, HICNS (covering areas of Biomedical Waste Disposal, Universal & Standard Precautions, Care Bundle Approach for Hospital Infections)
5. Participated in " World Sepsis Day" on 24th September 2025 Presented a seminar on the "Importance of One Health: Role of a Microbiologist" at the department of Microbiology, IPGME&R on 6th November, 2025.
6. Attended CME on "Melioidosis : The emerging threat in India" at IPGME&R on 15th September 2025
7. Presented in 3 day long Sensitization session on the "Sample Collection and Basic Laboratory Diagnostic Outline" under NVBDCP Programme at IPGME&R on 9th to 11h September 2025.
8. Attended 15th IAMM CONFERENCE (west Bengal Chapter) 2025 on 14th & 15th June 2025, Attended the sensitization programme on AMR under WAAW 2025 organized at IPGME&R on 22nd November 2025
9. Attended Workshop on GCP Training Programme on 14th august at IPGME&R AND SSKM HOSPITAL, KOLKATA
10. Attended SEPRECON 2025 of sepsis and respiratory conference on 30th and 31st August 2025
11. Attended seminar of world hepatitis day on 28th July at IPGMER
12. Attended seminar on re-emerging diseases and climate change under NOHPZ at IPGME&R and SSKM Hospital on 26th March, 2025.
13. Presented a Poster presentation on "Brucellosis" in STRIDE Conference at AIIMS Kalyani on 8th February, 2025.

Dr. Priyanka Naskar- 2nd Year PGT Microbiology

Study of invasive fungal infection special reference to invasive aspergillosis in tertiary care hospital. Guides – Dr. Kumkum Bhattacharyya Prof Department of Microbiology IPGMER&SSKM Hospital Kolkata , Dr. Rehena Sarkar Assoc. Prof Department of Microbiology IPGMER&SSKM Hospital Kolkata

1. Attended the seminar on "World Zoonoses Day: Combating Rabies: A One Health approach" at IPGME&R SSKM Hospital on 15th July 2025.
2. Presented a seminar on the "Importance of One Health: Role of a Microbiologist" at the department of Microbiology, IPGME&R on 6th November, 2025
3. Participated in CME on "Melioidosis : The Emerging Threat on India" on 15th September 2025 in association with Dept of Infectious Disease (WBMC Credit point 2)
4. Participated in Sensitization Programme on Hospital Infection Control (on April 2025) for 3rd Prof Part I students, Sisters-in-charge, Critical Care, HICNS (covering areas of Biomedical Waste Disposal, Universal & Standard Precautions, Care Bundle Approach for Hospital Infections)
5. Participated in " World Sepsis Day" on 24th September 2025 Presented a seminar on the "Importance of One Health: Role of a Microbiologist" at the department of Microbiology, IPGME&R on 6th November, 2025.
6. Attended CME on "Melioidosis : The emerging threat in India" at IPGME&R on 15th September 2025
7. Presented in 3 day long Sensitization session on the "Sample Collection and Basic Laboratory Diagnostic Outline" under NVBDCP Programme at IPGME&R on 9th to 11h September 2025.
8. Attended 15th IAMM CONFERENCE (west Bengal Chapter) 2025 on 14th & 15th June 2025
9. Attended the sensitization programme on AMR under WAAW 2025 organized at IPGME&R on 22nd November 2025
10. Attended Workshop on GCP Training Programme on 14th august at IPGME&R AND SSKM HOSPITAL,KOLKATA
11. Attended gclp training programme on 7th November at institute of health and family welfare
12. Attended seprecon 2025 of sepsis and respiratory conference on 30th and 31st august 2025
13. Attended seminar of world hepatitis day on 28th July at IPGMER
14. Attended seminar on re-emerging diseases and climate change under NOHPZ at IPGME&R and SSKM Hospital on 26th March, 2025.
15. Presented Oral Paper on "Aspergillosis in nasal mass" in STRIDE Conference at AIIMS Kalyani on 8th February, 2025.

Dr. Shilpa Barman: 1st Year PGT Microbiology

1.Presently carrying out work on thesis topic of 'A STUDT ONDIAGNOSIS OF ACUTE RESPIRATORY VIRAL INFECTIOUS DISEASES BY MOLECULAR METHOD IN PATIENTS ATTENDING A TERTIARY CARE HOSPITAL IN EASTERN INDIA' guides- Dr. Kumkum Bhattacharyya Prof Department of Microbiology IPGMER&SSKM Hospital Kolkata, Dr.Raja Ray Prof and Head Department of Microbiology IPGMER&SSKM Hospital Kolkata , Dr. Dipankar Paul Assistant prof. Department of Microbiology
2. Attended a seminar on the "Importance of One Health" at the department of Microbiology, IPGME&R on 6th November, 2025
3. Attended in 3 day long Sensitization session on the "Sample Collection and Basic Laboratory Diagnostic Outline" under NVBDCP Programme at IPGME&R on 9th to 11h September 2025
4. Attended the seminar on "World Zoonoses Day: Combating Rabies: A One Health approach" at IPGME&R SSKM Hospital on 15th July 2025
5. Attended seminar on World Antimicrobial Awareness Week at IPGME&R and SSKM hospital on 23rd November, 2023.
6. Celebration of World Zoonosis Day at the Dept.of Microbiology IPGME&R AND SSKM Hospital,Kolkata on 6th July 2024
7. Attended workshop on "Hands-on Training Workshop on Molecular Diagnostic Microbiology (RT-PCR) & Micro ELISA at IPGME&R in on 21st -22nd February, 2025.
8. Attended departmental seminars and took BPT, BPA, B. sc. PT classes.
9. Presented the seminar on "Staining Methods in Microbiological Lab Diagnosis" at Department of Microbiology, IPGMER SSKM Hospital in April 2025

Dr. Deepshisha Shah: 1st Year PGT Microbiology
Currently carrying out work in the thesis topic 'STUDY OF THE EFFICACY OF HOSPITAL ACQUIRED INFECTION CONTROL BY REGULAR ASSESMENT & COMMUNICATION OF QUALITY INDICATOR DATA AT THE CRITICAL CARE UNIT OF A TERTIARY CARE LEVEL HOSPITAL' guides- Dr.Raja Ray Prof and Head Department of Microbiology IPGME&R &SSKM Hospital Kolkata , Dr. Asim Kr Kundu , Prof and Head Department of Critical Care Medicine IPGME&R & SSKM Hospital Kolkata.
1. Attended a seminar on the "Importance of One Health" at the department of Microbiology, IPGME&R on 6th November, 20252.
2. Attended seminar on World Antimicrobial Awareness Week at IPGME&R and SSKM hospital on 23rd November, 2023.
3. Attended the seminar on "World Zoonoses Day: Combating Rabies: A One Health approach" at IPGME&R SSKM Hospital on 15th July 2025
4. Celebration of World Zoonosis Day at the Dept.of Microbiology IPGME&R AND SSKM Hospital,Kolkata on 6th July 2024
5. Attended workshop on "Hands-on Training Workshop on Molecular Diagnostic Microbiology (RT-PCR) & Micro ELISA at IPGME&R in on 21st -22nd February, 2025.
6. Attended departmental seminars and took BPT, BPA, B. Sc. PT classes.
7. Presented the seminar on " Clinical sample Collection" at Department of Microbiology, IPGMER SSKM Hospital in April 2025

Dr. Ananya Ghosh: 1st Year PGT Microbiology
Currently carrying out work on theis topic-'A SPATIO TEMPORAL STUDY ON THE IMPACT OF CLIMATE CHANGE ON RODENT AND VECTOR BORNE DISEASES WITH EMPHASIS ON LEPTOSPIROSIS, SCRUB TYPHUS, MALARIA, DENGUE, Guides -Dr.Prof Chitrita Chattopadhyay, dept. of Microbiology,IPGME&R and SSKM H, Dr. Sinjita Dutta, Associate professor, Department of Community Medicine, IPGME&R And SSKM Hospital.
1. Attended a seminar on the "Importance of One Health" at the department of Microbiology, IPGME&R on 6th November, 20252.
2. Attended in 3 day long Sensitization session on the "Sample Collection and Basic Laboratory Diagnostic Outline" under NVBDCP Programme at IPGME&R on 9th to 11h September 2025
3. Attended the seminar on "World Zoonoses Day: Combating Rabies: A One Health approach" at IPGME&R SSKM Hospital on 15th July 2025
4. Attended seminar on World Antimicrobial Awareness Week at IPGME&R and SSKM hospital on 23rd November, 2023.
5. Celebration of World Zoonosis Day at the Dept.of Microbiology IPGME&R AND SSKM Hospital, Kolkata on 6th July 2024
6. Attended workshop on "Hands-on Training Workshop on Molecular Diagnostic Microbiology (RT-PCR) & Micro ELISA at IPGME&R in on 21st -22nd February, 2025.
7. Attended departmental seminars and took BPT, BPA, B. Sc. PT classes.
8. Presented the seminar on "Microscopy" at Department of Microbiology, IPGMER SSKM Hospital in April 2025

Dr. Kiriti Saha: 1st Year PGT Microbiology
Currently carrying out work on theis topic-STUDY OF CARBAPENEMASE GENES AMONG ACINETOBACTER BAUMANNII IN VAP PATIENTS AND ASSOCIATION AMONG BACTERIAL RESISTOGRAM AND SEPSIS BIOMARKER IN A MEDICAL COLLEGE HOSPITAL. Guides- Prof. Dr. Hirak Jyoti Raj, Professor, Department of Microbiology IPGME&R SSKM Hospital, DR. Hasina Banu, Assistant Professor, Department of Microbiology IPGME&R SSKM Hospital, Dr.Raja Ray Prof and Head Department of Microbiology IPGME&R &SSKM Hospital Kolkata, Dr.Asim Kr Kundu, Prof and Head Department of Critical Care Medicine IPGME&R & SSKM Hospital Kolkata.
1. Attended a seminar on the "Importance of One Health" at the department of Microbiology, IPGME&R on 6th November, 20252.
2. Attended seminar on World Antimicrobial Awareness Week at IPGME&R and SSKM hospital on 23rd November, 2023.
3. Attended the seminar on "World Zoonoses Day: Combating Rabies: A One Health approach" at IPGME&R SSKM Hospital on 15th July 2025
4. Celebration of World Zoonosis Day at the Dept.of Microbiology IPGME&R AND SSKM Hospital, Kolkata on 6th July 2024
5. Attended departmental seminars and took BPT, BPA, B.Sc.PT classes.

PUBLICATION BY FACULTY, STUDENTS AND RESEARCH SCHOLARS

1. Circulating Dengue Virus Serotypes in Kolkata and adjacent districts during 2022-2024. Dr. Aritra Biswas, Chandrani Bhattacharyya, Dr. Dipankar Paul, Prof. Dr. Raja Ray. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS). e-ISSN:2279-0853,p-ISSN:2279-0861, volume 23, Issue12 Ser.4 (December, 2024),PP 43-47.
2. CANDIDAEMIA AND CENTRAL LINE ASSOCIATED CANDIDAEMIA IN A NETWORK OF INDIAN ICUS:IMPACT OF THE COVID-19 PANDEMIC.WILEY,ORIGINAL ARTICLE'_*Mycoses,* 2024; 67:e13790 https://doi.org/10.1111/myc.13790 ***Mycoses****,(*August,2024).Mathur Purva,ParveenRasna,VeeraghavanBalaji,RayRaja,Raj Hirak Jyoti.
3. PERFORMANCE OF RAPID ANTIGEN TEST IN COMPARISON TO REAL-TIME RT-PCR IN DIAGNOSIS OF COVID-19 INFECTION: A SHORT STUDY'-ARITRA BISWAS , RAJA RAY , ARPITA KHAMRAI , DIPANKAR PAUL.

   (http://creativecommons.org/licenses/by/4.0/) DOI: http://dx.doi.org/10.22159/ajpcr.2023v16i7.47461. Journal homepage: https://innovareacademics.in/journals/index.php/ajpcr Vol 16, Issue 7, July,2023.Asian Journal of Pharmaceutical and Clinical Research
4. RUBELLA IMMUNITY AMONG PREGNANT WOMEN AND THE BURDEN OF CONGENITAL RUBELLA SYNDROME (CRS) IN INDIA, 2022'- Devika Shanmugasundaram , Rajlakshmi Viswanathan, Amy K. Winter,Anjoo Agarwal,Bidisha Roychowdhury,Raja Ray,Sananda Pati, et al.Pub-10/2024

   https://doi.org/10.1016/j.***Vaccine***.2024.06.044
5. Factors contributing to emergence of Infectious Viral Diseases in India,Issues and Challenges after the Covid-19 Pandemic. Dr.AritraBiswas,Chandrani Bhattacharyya,Prof(Dr)Raja Ray.Viral Research And Diagnostic Laboratory (VRDL),Institute of Postgraduate Medical Education and esearch,Kolkata-7000020.(IOSR-JDMS.e-ISSN-2279-odf3,p-ISSN: 2279-0861.Vollume 23,Issue 9,Ser 2(September 2024.pp 22-30 www.iosrjournals.org.
6. Asian Journal of Pharmaceutical and Clinical Research, Vol 16,Issue 9,2023.Innovare AcademicSciences.Online-2455-3891,Print-0974-2441/Research Article. Ashish Kumar Ghosh, Raja Ray, Kalidas Rit, Bipasaha Chakraborty, Mahiuddin Ahmed. "Estimation of Prevalence Of Hepatitis C Virus Infection by Serological Test and Real Time PCR Among Suspected Viral Hepatitis Cases attending A Tertiary Care Hospital, Kolkata. JGH Open
7. "Linkage to Care of People With Chronic Hepatitis B Virus and Hepatitis C Virus Infection Among Blood Donors: Experience From an Apex Treatment Centre Under National Viral Hepatitis Control Program, India. Sk Mahiuddin Ahammed1 | Boby Maibam Singh1 | Swapan Saren2 | Pratik Dey3 | Raja Ray4 | Abhijit Chowdhury1 1Department of Hepatology, School of Digestive and Liver Diseases, Institute of Post Graduate Medical Education and Research, Kolkata, India | 2Institute of Blood Transfusion Medicine, and Immunohematology, Kolkata, India | 3Central Blood Bank, Institute of Post Graduate Medical Education and Research, Kolkata, India | 4Department of Microbiology, Institute of Post Graduate Medical Education and Research, Kolkata, India Correspondence: Sk Mahiuddin Ahammed (skmahiuddinahammed@gmail.com) Received: 24 May 2024 | Revised: 15 October 2024 | Accepted: 9 December 2024
8. Submitted to Journal of Family Medicine and Primary Care as Co-author for article entitled "Prevalence Of HIV, Hepatitis B And Hepatitis C Infections Among Patients With Thalassemia Attending A Tertiary Care Rural Hospital." Mandal Tapan Kumar, Sarkar Sumantra, Shivshekhar Chatterjee Halder Piyali, Ray Raja, Ghosh Ray Reena, Saha Santanu, Dan Utpal (Published on 24th May, 2024)
9. Performance of Rapid Antigen Test in comparison to Real Time PCR in diagnosis of Covid-19 infections: A short study. Aritra Biswas, Raja Ray, Arpita Khamrai, Dipankar Paul. Asian Journal of Pharmaceutical and Clinical Research. Innovare Academic Sciences.March,2023.Vol16,Issue 7,2023.
10. Nupur Pal, Hossain Najma Banu, Mohana Chakraborty, Namrata Jain, Prasanta Kumar Maiti Current perspective of adrenal histoplasmosis in India: A prospective study in a tertiary care hospital, Eastern India, , Indian J Med Microbiol 2023;43:90-95.
11. Nupur Pal, Rituparna Sinha, Raja Ray, Arunima Chakraborty, Hasina Banu, Supratim Dutta.A rare case of Histoplasma and Cryptococcus Co-infection in an Immunocompetent Child. J NTR Univ Health Sci 2022 (accepted).
12. ShreyaSingha1NupurPalb1JagdishChandercRamanSardanadBellaMahajaneNoyalJosephfArunalokeChakrabartiaShivaprakashM.Rudramurthyaal. Current perspective of adrenal histoplasmosis in India: A prospective study in a tertiary care hospital, Eastern India Indian Journal Med Microbiol
13. "A questionnaire based study of knowledge attitude practices among healthcare workers with respect to rising trends in antimicrobial resistance at a tertiary care hospital in Eastern India" (Achyut Kanungo, Darshna Dutta, Dr. Abirlal Sanyal, Prof. Dr. Kumkum Bhattacharyya) , awaiting publication.
14. Raj HJ, Paul D, Hazra A, Ray R, Changing trend in Covid-19 positivity in Kolkata. A Study based on rapid antigen testing in a teaching hospital. JK Practitioner 2022:27(4): ppXXX(Accepted for Publication)J K Practioner in October-December issue of the journal.
15. Pal N, Ray R ,Akthar N, , Maiti PK. Chronic urinary tract infection by biofilm producing Mycobacterium abscessus following a post traumatic laparotomy wound infection. Annals Medical. Science & Research 2022;1:150-2 .
16. Mistry, P., Sanyal, Abirlal., Bhattacharyya, Kumkum. An Observational Study of Candida auris Infections with Special Reference to the Clinicomicrobiological Problems Faced in Day-to-Day Practice at a Tertiary Care Hospital in Eastern India. *Afro-Egyptian Journal of Infectious and Endemic Diseases*, 2023; 13(3): 197-205. doi: 10.21608/aeji.2023.227132.1308

17. Mondal AS, Bhattacharrya K, Totad RD, Raj HJ. Anti-biofilm role of silver nano-particle on microbial biofilm: an invitro study on biofilm of heart valves. *Al-ameen j med sci* 2023;16(3):223-32.
18. Chakraborty M, Gupta MK, Butta S, Banu H*. Comparison of Basal Core Promoter Region Mutation and Precore Mutation among Monoinfected Hepatitis B Virus and Coinfected Hepatitis B Virus with Human Immunodeficiency Virus Patients. J Assoc Physicians India. 2024 Dec;72(12):18-21. doi: 10.59556/japi.72.0774. PMID: 39676181.
19. Majumdar A, Gupta R, Chatterjee A, Banu H, Biswas M, Gupta R, Mukherjee S, Sadhukhan P, Dutta S. A retrospective analysis of serological & molecular testing data on dengue fever in Kolkata & adjacent districts during 2016-2019. Indian J Med Res. 2022 Oct-Nov;156(4&5):608-614. doi: 10.4103/ijmr.IJMR_2612_19. PMID: 36926776; PMCID: PMC10231729.
20. Dey P, Sarkar R, Ray R,Bhattacharyya K, , Banu H*, Raj HJ Study of antifungal susceptibility patter of various candida species with reference to conventional and automated methods in a tertiary care hospital. AJSM, ACEPTED.

MD Thesis completed (submitted in June, 2025):

1. "Estimating Prevalence of MDR/XDR stains among Clinical isolates in Hospitalized patients of Tertiary Care Hospital with special emphasis on Carbapenem & Colistin Resistance" Dr. Abhinandita Sarkarunder the Guidance of Dr.Prof & HOD Raja Ray, Dr Hirak Jyoti Raj ,Dr. Nupur Pal being the other guides Dr. Abhinandita Sarkar.
2. "A study of enteric parasites with special reference to cryptosporidium in patients with diarrhea attending a tertiary care hospital in Eastern India" Dr. Sanchari Bairagya under the guidance of Professor Dr. Kumkum Bhattacharyya, Professor Microbiology IPGME&R and SSKM Hospital and other guide Dr. Dipankar Paul, Assistant professor Microbiology, IPGME&R and SSKM Hospital.
3. "A clinico-serological study of Leptospira infections among patients with pyrexia of unknown origin attending a tertiary care hospital in West Bengal." Dr. Jyoti Mishra under the Guidance of Dr.Prof Chitrita Chattopadhyay, Dr. Prof Niladri Sarkar being the other guide.

Ongoing MD Thesis works:

1. Comparison of traditional test-Blood culture, SAT,RBPT with newer methods (ELISA) for Brucella species in patients attending a tertiary care hospital in west Bengal: Dr. S.SHIVANGI LALL under the guidance of Dr.Prof Chitrita Chattopadhyay, Dr. Niladri Sarkar Prof Medicine IPGMER&SSKM Hospital, Dr. Nupur Pal Prof Department of Microbiology Arambag Prafulla Chandra Sen Medical College being the other guide.
2. Dr. ARNAB SAHA- Profile of bacterial pathogens from respiratory samples of critically ill patients in a tertiary care hospital. A study done in phenotypic and Biofire film array based techniques.Guides- Dr.Raja Ray Prof and Head Department of Microbiology IPGMER&SSKM Hospital Kolkata , Dr. Hirak Jyoti Raj Prof Department of Microbiology IPGMER&SSKM Hospital Kolkata, Dr. Yogiraj Ray Assoc. Prof and Head Infectious Disease , IPGMER &SSKM HOSPITAL KOLKATA , Dr. Asim Kr Kundu, Prof and Head Department of Critical Care Medicine IPGMER&SSKM Hospital Kolkata.
3. Dr. Priyanka Naskar- Study of invasive fungal infection special reference to invasive aspergillosis in tertiary care hospital. Guides – Dr. Kumkum Bhattacharyya Prof Department of Microbiology IPGMER&SSKM Hospital Kolkata , Dr. Rehena Sarkar Assistant Prof Department of Microbiology IPGMER&SSKM Hospital Kolkata.

Ongoing PhD works and activities of PhD scholars:

1. Ms. Moonmoon Sinha recently completed her PhD thesis in Calcutta University.Phd thesis entitled"Evaluation of the Role of Eupatorium perfoliatum extract against Dengue virus infection in HEPG2 and primary hepatic cell lines .Guide:Prof Dr Raja Ray,Co-Guide:DrSatadal Das(completed and awarded PhD degree -September,2023)
2. Ms. Rehana Parveen Registered for PhD Microbiology at the University of Calcutta.Entitled "Preparation and evaluation of antimicrobial silver nano-particles using conventional and novel bio-compatible agents". Guide: Prof. PK Maiti.Recently submitted her PhD thesis.
3. Ms. Archi Ghosh Registered for PhD Microbiology at the University of Calcutta. "Study for correlation between physical and antimicrobial assay for some nano-antimicrobial agents"; Guide: Prof. P. K. Maiti.

SHORT TERM SUMMER AND WINTER PROJECTS (EXTERN):

- "Role of CBNAAT in diagnosing Pulmonary tuberculosis: An Institution based study" submitted in May 2025 (Subhankar De, Centurion University, Odisha under Dr. Rehena Sarkar)

SERVICE INFORMATION

Tests done in Microbiology Laboratory: 01/12/2024 to 30/11/2025 (Grand total =73582)

Bacteriology

SAMPLE	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Total
Urine	2739	2915	2767	2430	2716	2919	2662	3186	2871	2703	3053	2845	**33806**
Throat swab	1	5	5	9	5	6	8	10	10	6	1	7	**73**
Wound/Pus	263	302	302	273	236	282	303	374	330	326	312	293	**3596**
Blood C/S (Convention)	40	328	42	34	33	23	33	27	18	12	21	17	**628**
Blood C/S (Automated)	318	329	305	320	316	327	341	416	412	389	412	337	**4222**
Body fluid	147	156	149	147	163	153	153	182	166	178	177	157	**1928**
Sputum	295	326	274	296	293	294	268	382	371	309	406	350	**3864**
CSF	37	13	30	39	54	95	55	61	53	52	47	51	**587**
OT swab	1850	1785	2682	2422	1790	1879	1903	2691	2010	1740	2042	1887	**24681**
Other Samples	10	26	7	25	20	17	30	17	15	8	14	8	**197**
Grand Total	**5700**	**6185**	**6563**	**5995**	**5626**	**5995**	**5756**	**7346**	**6256**	**5723**	**6485**	**5952**	**73582**

Mycology and Mycobacteriology

TEST	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Total
Fungal Stain	108	85	110	110	128	126	138	150	159	126	162	163	**1565**
Fungal Culture	75	79	75	52	78	42	50	58	87	69	61	49	**775**
AFB Culture	120	102	134	95	109	87	93	113	140	121	111	123	**1348**
CB NAAT / TRUNAAT	635	661	765	685	712	750	731	894	845	807	1075	920	**9480**
Slit skin smear	7	29	14	28	26	60	33	37	57	48	30	40	**409**
India Ink	34	77	13	21	47	110	117	125	136	107	132	123	**1042**
AFB stain	237	351	233	311	363	341	345	365	413	383	430	405	**4177**
Grand Total	**1216**	**1384**	**1344**	**1302**	**1463**	**1516**	**1507**	**1742**	**1837**	**1661**	**2001**	**1823**	**18796**

Serology

TEST	DeC-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Total
ASO	140	333	134	155	48	00	00	00	00	00	00	00	810
Widal test	58	194	131	48	62	48	68	75	75	72	63	64	958
Typhidot IgG/IgM	224	321	155	184	208	196	208	251	252	338	336	262	2935
RPR	432	904	891	958	892	952	712	818	802	589	878	847	9675
HbsAg (by ICT)	5722	6989	5453	7512	7915	7589	7958	8559	5445	7835	7591	8531	87099
Anti-HCV(by ICT)	5448	6900	6298	7198	7661	7267	7678	8514	5210	7719	7464	8323	85680
Mantoux Test	182	181	163	152	196	145	195	179	219	196	352	175	2335
Dengue IgM ELISA	258	218	174	229	247	196	257	362	354	417	319	352	3383
Dengue NS1Ag ELISA	293	183	188	201	212	165	251	420	380	400	410	366	3469
JE IgM ELISA	12	00	00	06	12	05	07	12	09	10	28	25	126
Scrub Typhus IgM ELISA	192	236	26	125	176	246	151	327	349	319	381	208	2736
Chikungunya IgM ELISA	24	11	04	16	10	16	24	16	06	10	24	30	191
Leptospira IgM ELISA	178	169	97	104	154	230	56	210	268	212	288	208	2174
TORCH	620	610	550	460	510	670	690	570	560	490	410	520	6660
Toxoplasma	06	04	02	12	12	10	24	10	10	08	12	14	124
Rubella IgG	08	06	04	08	10	08	16	04	08	02	08	10	92
HAV ELISA	48	132	73	124	129	88	122	122	132	125	145	149	1389
HEV ELISA	48	132	73	124	129	86	122	120	126	121	141	143	1365
HbeAg	00	00	00	00	00	00	00	00	00	00	00	24	24
Anti- HBe [EIA]	00	00	00	00	00	00	00	00	00	00	00	24	24
MicroELISA Anti HBs titer	00	09	00	00	40	00	16	00	00	00	10	13	88
HSV1, HSV2 IgG, IgM	12	16	16	24	16	18	36	24	28	16	24	36	266
MicroELISA VZV IgG, IgM	00	08	04	10	10	08	18	12	06	08	06	04	94
MicroELISA EBV IgG, IgM	02	12	04	20	00	06	00	00	00	00	00	00	44
MicroELISA CMV IgG, IgM	16	18	12	22	36	10	42	30	22	28	42	38	316
HBC	00	10	03	18	12	12	14	10	10	12	00	20	121
Brucella	32	24	22	30	50	22	26	54	36	18	341	06	661
Brucella IgM, IgG ELISA	32	24	22	30	50	22	26	54	36	18	34	34	382
rK 39 Ag	00	00	13	07	10	05	00	05	07	13	05	04	69

Virus Research & Diagnostic Laboratory (VRDL), Microbiology, IPGMER

IPGME&R-VRDL is one of the best performing and leading VRDLs in India. Starting from 2017, our VRDL with skilled medical &non-medical personnel catering to the needs of a huge number of patients as IPGME&R is best known as medical leaning and research center of excellence and as a tertiary level super-speciality hospital in West Bengal and also in Eastern India.

IPGME&R-VRDL is well equipped for serological and molecular analysis. Our laboratory provides facilities like ELISA for diagnosis of various pathogens and also conventional and real time PCR for molecular diagnosis as well as research purpose.

Special Achievements under VRDL

Our VRDL lab members [Dr. Raja Ray (Medical Scientist), Dr. Aritra Biswas, (Non-Medical Scientist), Ms. Chandrani Bhattacharyya (Research Assistant), Mr. Rajesh Adak (MT Lab), Mrs. Payel Dutta (MT Lab), Mr. Kartik Bakshi (DEO) and Ms. Moumita Maity (MTS)] with PI and all faculty members are working tirelessly throughout the year to diagnose various viral diseases. Prof. Dr Raja Ray (PI, VRDL) was selected Member of Expert Committee, Lab testing Experts by Principal Secretary, Health and still continues to serve in that capacity.

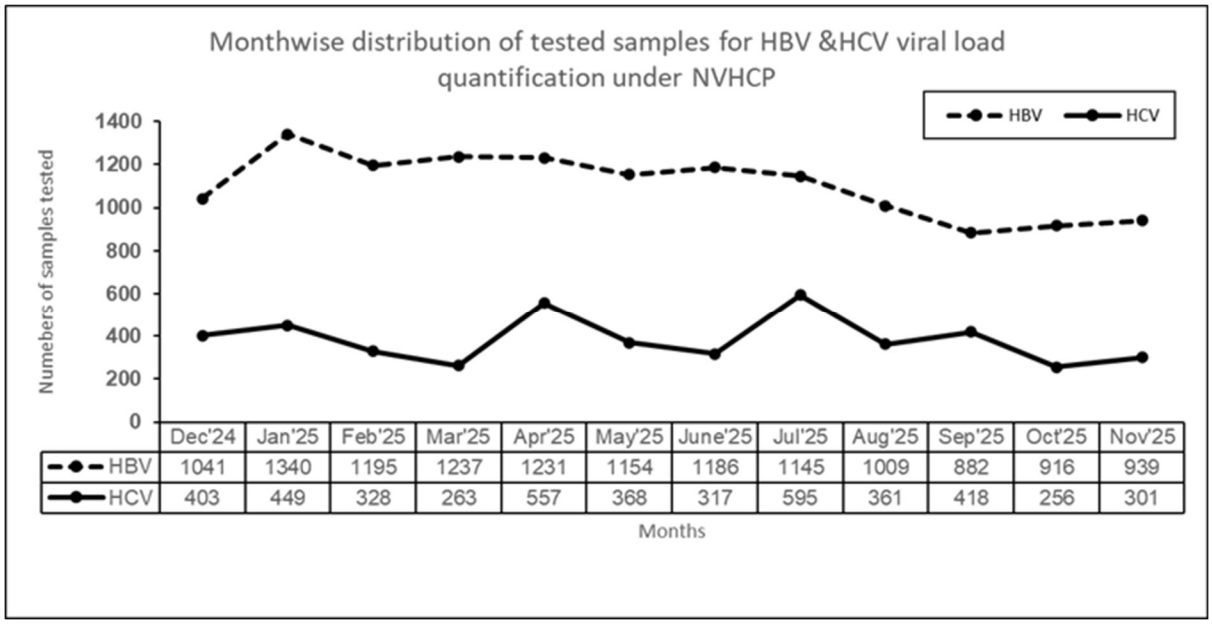
1. Our VRDL is first medical college level lab to start COVID-19 test and also provided training to thirty other VRDLs and hospitals in our state to diagnose this deadly virus by RT-PCR in West Bengal. During the COVID-19 pandemic situation, our VRDL performed RT PCR test in 24x7 mode to generate test results as early as possible.
2. Our VRDL at IPGMER was the first State Govt. Institution to get permission for commencement of SARS CoV 2 testing by validated RT- PCR method (NIV, Pune).
3. We have also participated in the sentinel surveillance Program co-ordinated by Director, Public Health, Govt of West Bengal for a whole one year during the waning phase of the pandemic of asymptomatic patients to explore the epidemiological and clinical characteristics of COVID-19 patients with the collaborations of health department of Govt. of West Bengal.
4. From January 2024 to till November 2024, we have conducted 1770 (Out of total 7, 30,468) COVID-19 RT-PCR and 1488 (Out of total 61,051) COVID-19 Antigen tests. Most of the viral test parameters are uploaded in NIE portal (Dengue, JE, Scrub Typhus, Chikungunya uploaded in IDSP portal).
5. Besides testing, our VRDL is also participated in the nationwide validation of kits (RNA extraction kit, RT PCR Kit and antigen detection kit) of COVID-19during this period both from state and Central Govt supplied kits though DG Drugs Control, Eastern Zone and Swasthya Bhawan.
6. Our VRDL Lab contributed to the All-India Genome sequencing database studies by sending COVID-19 positive samples to NIBMG, Kalyani to detect prevalent mutant strain of COVID-19.
7. We have started Neurovirology/AES panel qualitative detection by Real Time PCR which detects 11 different viruses (Human Adenovirus, Enterovirus, Parecho virus, HSV1, HSV-2, Epstein Barr, Varicella Zoster, Cytomegalo, Parvovirus B19, Human Herpes virus 6&7) from CSF samples.
8. We are currently doing Respiratory Viral Panel qualitative detection by Real Time PCR which includes Human Parechovirus, Corona virus (alpha & beta), Parainfluenza virus 1-4, Influenza A virus, Enterovirus, Influenza A (H3N2), Pandemic H1N1 (pdm09), Metapneumo viruses (A/B), Influenza B and C virus, Adenovirus, Respiratory syncytial virus (RSV-A/B), Rhinovirus, Bocavirus. During the outbreak of Influenza virus in this year, IPGME&R-VRDL had spread its hands for screening and diagnosing the viruses.
9. A project titled "To Expand the Pan respiratory virus surveillance (ARI-SARI) of DHR-ICMR to all VRDL'S of West Bengal and Kerala" have started.
10. A multi-centric pan-national AIIMS CDC project titled "Burden and sequelae of Influenza and SARS Cov2 associated Severe Acute Respiratory Infections among adult Indian population aged 18-60 years have started.
11. We have also performed Dengue serotyping detection by Real Time PCR to identify the circulating Dengue strain/serotype in Kolkata and nearby districts.
12. Our VRDL has always maintained a score of 90 % -100 % during the external quality assurance of COVID-19 and other serological tests.
13. Till now 10 publications on different viral diseases have been done so far and 2 manuscripts are submitted for publication in recent times.
14. Till date 8 different CME/Workshop had been conducted to Sensitize Medical Officers, Lab techs and other associated administrative personnel about clinical and laboratory diagnosis of viral diseases.
15. Our department started screening for pregnant mothers for TORCH and Hep B, C since last one year as part of linkage with ANC mother screening and with NVHCP, Under Congenital Rubella Syndrome Surveillance project, our VRDL started screening pregnant mothers (1462 till date) and newborns for congenital Rubella since October, 2022.
16. When IPGMER was selected as Regional Centre for Organ Transplantation, our VRDL took pioneering initiative in screening for Transplantation panel- CMV, Epstein Barr, Herpes Simplex, Varicella Zoster, Toxoplasma, Rubella by ELISA. In addition, we include IgM anti HBc and Anti-HBs as per requirement of donor and transplant patients.
17. Our VRDL have performed Monkeypox virus survey project as part of WHO-ICMR initiative in 2023-24 and selected for WHO mapped laboratory for Monkeypox virus molecular detection by RT PCR in the year 2023-24.
18. **Our VRDL was awarded "Best Team Work" by DHR-ICMR in the year 2023-24.**
19. **VRDL/IPGMER/Kolkata was awarded Silver Medal for Excellence in Public Health Service(2024-2025) at National VRDL Conclave, Sept 11th,2025**

The following tests are done under VRDL
Tests under VRDL (Total=13,105)

TEST	Jan-24	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-24	Total
SARS-CoV 2 by RT-PCR	24	12	09	18	35	107	46	35	14	21	20	14	355
Respiratory panel by RT-PCR	105	114	119	113	149	147	150	130	191	174	106	102	1600
Neuroviral panel by RT PCR	2	5	13	30	30	40	65	55	62	36	12	4	354
Dengue Serotyping by RT PCR	34	12	16	08	25	19	42	71	22	60	167	21	497
Acanthameoba detection by RT PCR	02	03	02	03	02	03	02	03	02	03	02	02	29
HAV ELISA	48	132	73	124	129	88	122	122	132	125	145	149	1389
HEV ELISA	48	132	73	124	129	86	122	120	126	121	141	143	1365
HbeAg	00	00	00	00	00	00	00	00	00	00	00	24	24
Anti- HBe [EIA]	00	00	00	00	00	00	00	00	00	00	00	24	24
MicroELISA Anti HBs titre	00	09	00	00	40	00	16	00	00	00	10	13	88
HSV1, HSV2 IgG, IgM	12	16	16	24	16	18	36	24	28	16	24	36	266
MicroELISA VZV IgG, IgM	00	08	04	10	10	08	18	12	06	08	06	04	94
MicroELISA EBV IgG, IgM	02	12	04	20	00	06	00	00	00	00	00	00	44
MicroELISA CMV IgG, IgM	16	18	12	22	36	10	42	30	22	28	42	38	316
TORCH	620	610	550	460	510	670	690	570	560	490	410	520	6660

NVHCP

In the time period of December 2024 – November 2025, the department of Microbiology, IPGME&R, State Reference Laboratory (SRL) of NVHCP performed HBV viral load quantitative tests for 13275 samples and HCV viral load quantitative tests for 4616 samples. In comparison to the earlier year (total number tests during Dec'2023-Nov'2024=14303), the total number of HBV & HCV quantitative tests were increased in this recent time period (N=17891). Month-wise distribution of samples tested under NVHCP for HBV and HCV viral load estimation is shown in the Figure below. Interestingly, upgradation into COBAS 5800 (Roche) fully-automated HBV/HCV viral load quantification high throughput platform in February'2024 under NVHCP made us enable to test a huge number of samples collected from IPGME&R & SSKM Hospital and other 19 tagged facilities to this SRL including other medical colleges, District hospitals, Blood banks and ART centres of West Bengal.



	Dec'24	Jan'25	Feb'25	Mar'25	Apr'25	May'25	June'25	Jul'25	Aug'25	Sep'25	Oct'25	Nov'25
HBV	1041	1340	1195	1237	1231	1154	1186	1145	1009	882	916	939
HCV	403	449	328	263	557	368	317	595	361	418	256	301

Fig: Month-wise distribution of number of tests for HBV & HCV viral load quantification under NVHCP

SPECIAL ACHIEVEMENTS:

- VRDL, Department of Microbiology awarded Silver Medal in All India Ranking (8th Position among 117 medical colleges) for excellence in Public Health Laboratory Service (April 2024-March 2025) at VRDL CONCLAVE, on 11th September, 2025.
- **Prof. Dr. Prasanta Maiti,** Ex. HOD of Department of Microbiology, IPGME&R, obtained patent on : "METHOD FOR PREPARATION OF NANO-SILVER PARTICLES AS EFFECTIVE ANTIMICROBIAL AGENTS FOR TOPICAL OR OPHTHALMIC USE".Date of Grant-22/12/2023(Validity of 20 years from 14/3/2018)Work done in the department (Patent Office, Government of India)

Neonatology

Faculty

Dr. Bijan Saha	DM Neonatology	Professor and Head
Dr. Suchandra Mukherjee	MD Pediatrics	Professor
Dr Syamal Kumar Sardar	MD Pediatrics	Professor
Dr. Ranajit Mukherjee	MD Pediatrics	Associate Professor
Dr. Ratan Kumar Biswas	DM Neonatology	Associate Professor
Dr. Anindya Kumar Saha	DM Neonatology	Associate Professor
Dr. Uttam Kumar Mondal	MD Pediatrics	Assistant Professor
Dr. Somnath Pal	DM Neonatology	Assistant Professor
Dr. Dipankar Roy	MCh (Pediatric Surgery)	Assistant Professor, Neonatal surgery
Dr. Suman Das	MCh (Pediatric Surgery)	Assistant Professor, Neonatal surgery
Dr Ashadur Jamal	DM Neonatology	Senior Resident
Dr Sulagna Dutta	DM Neonatology	Senior Resident
Dr Adrita Bose	MD Pediatrics	DM Resident
Dr Sreetama Das	MD Pediatrics	DM resident
Dr Sk Samim	MD Pediatrics	DM Resident
Dr Madhurima Ganguly	MD Pediatrics	DM Resident
Dr. Nirmalya Sarkar	MD Pediatrics	DM resident
Dr Sayeri Mukhopadhyayay	MD Pediatrics	DM resident
Dr. Sudipta Dasgupta	DCH	Medical Officer
Dr. Amit Banerjee	DCH	Medical Officer
Dr Manasi Purkait	DCH, MD pathology	Medical Officer
Dr Sudip Banerjee	MD Pediatrics	Specialist Medical Officer
Dr Sahay Mondal	MD Pediatrics	Medical Officer
Dr. Biswanath Bala	MBBS	SNCU Medical Officer
Dr Sandipa Mandal	MBBS	SNCU Medical officer
Dr Pranab Das	MS	Visiting Consultant, Ophthalmology
Dr Anisha De	MS	Visiting Consultant, Anesthesiology
Dr Koushik Saha	MS	Visiting Consultant, Pediatric Surgery

IMPORTANT ACHIEVEMENTS in 2024 December -2025 November

- Extension of the service of the Department of Neonatology with increase in the NICU and SNCU beds. At present the department is running with 100 beds.
- Currently the department of Neonatology is housed in an 8th storied building for comprehensive and holistic level III plus neonatal services in multiple domains, research and training activities – first of this kind in Eastern India.
- On the 8th floor, the department is running the **State Newborn care Resource Centre**, well equipped with 100 seated, state of the art **conference hall, Skill labs, Simulation labs** for training and teaching in Neonatology in the state of West Bengal by Department of Healthy and Family Welfare of the state government.
- At 5th floor, new services like the most modern **Neonatal surgery Operation theatre**, state of the art **Neonatal and Pediatric Cath lab**, **Pediatric and neonatal cardiothoracic surgery operation theater** are almost on the verge of completion and on the final stage of operationalization.
- The Comprehensive Lactation Management center (CLMC) is being expended and upgraded at 7th floor of the New Neonatology Building with more sophisticated equipment to cater a large number of beneficiary mother of admitted newborn of the hospital.
- We have started weekly Comprehensive counselling, training and communication session with mothers /caregivers of the admitted neonates under the aegis of CLMC and also a part of promotion of Family Centered Care practices in the department. This program has become a huge success with more mothers actively and confidently participating in baby care which significantly improves breastfeeding and post discharge care at home.

- The department has participated in prestigious Centre of Research Excellence -MRU scheme by Department of Health Research, Govt of India, as representative of CoRE -MRU of IPGME&R, Kolkata through submission of Research proposal .
- The department is successfully running multiple research projects funded by ICMR, DST west Bengal .
- Research articles published from his departments have been cited in International Guidelines on neonatal Resuscitation like "ILCOR CoSTR (International Liaison Committee on Resuscitation Consensus on Science With Treatment Recommendations)
- Faculty of the Department has been honored to be included in Cochrane Systematic Review data base group of Neonatology .
- NBE Accredited center for DrNB (Neonatology) Practical Examination.
- Successfully organized National level CMEs and workshops on Research Methodology & biostatistics, Neonatal Ventilation, Quality Improvement (QI) in health management in the department
- The department is the main training hub of state IAP -NRP program and organized several basic and advanced NRP workshops for neonatologists, anesthesiologists, PG students, MBBS students, nursing staffs and pediatricians .
- The department is going to organize National TOT of Advanced and basic NRP in coming year.
- The department of Neonatology, IPGME&R proudly announces successful achievement of the **MusQan NQAS standards**, a key initiative of the Govt of India in 2025.

SERVICE INFORMATION

- **Neonatal Intensive Care Unit:** It comprises of 33 beds with one stabilization bed in the 2nd floor
- (Including 8 Surgical NICU beds)
- **Special New Born Care Unit:** 42 beds at 3rd Floor new Neonatology building.
- **Neonatal ward / KMC ward:** 20 bedded unit with facility of mother-infant dyad staying together at 3rd floor of Neonatology building
- **Neonatal surgery division** : Neonatal surgery intensive care unit along with dedicated neonatal OT .
- **Postnatal Ward**: For care of babies who are roomed in with mother in Maternity ward, G & O building .

Regular service activities

- **Level III plus care** of sick newborns including Therapeutic hypothermia, iNO therapy, ventilation (conventional and high frequency),, parenteral nutrition, neonatal surgery, peritoneal dialysis, Exchange transfusion, central line, POCUS, CFM and aEEG monitoring, modern Resuscitation facility with T-piece device, DR CPAP and transport incubators, catering an intensive care service towards around 100 admitted sick neonates round the clock 24 X 7 .
- Besides the department provides daily clinical rounds, lactational support and necessary investigational support for around 60-80 neonates at post natal ward of SSKM hospital as well as 40-60 neonates admitted at post natal ward of KMH (annex of SSKM hospital).
- The unit is equipped with 23 conventional ventilators and 2 high frequency ventilators, 3 bubble CPAP and 15 HHHFNC. Bedside ECG, Digital X-ray, Ultrasound, Echocardiograph are also available in-house.
- A side laboratory is working 24X7 for bed side. Investigations like complete blood count, micro ESR, hematocrit, blood gas estimation, serum electrolytes and blood grouping is done.
- 24 hours facility for in-house BACTEC blood culture
- Inhouse microbiology and, pathology and biochemistry laboratory for targeted investigation of neonates with minimal blood sampling
- Periodic surveillance culture from surfaces to ensure robustness of housekeeping and asepsis routines and to prevent hospital acquired infection rate
- Provision for complicated neonatal surgeries for congenital and acquired disorders.
- Provision for Neonatal pathological autopsy in collaboration with the Department of Pathology
- Comprehensive follow-up services at Neurodevelopment clinic with facility for ROP screening and laser therapy and hearing screening.

Neurodevelopment Clinic: On Monday, Wednesday & Friday in new Neonatology building, 1st floor, 9 am to 2 pm. Follow-up for high-risk NICU graduates, premature babies with facilities for motor, neurological, vision, hearing, cognitive examination and early intervention, all under one roof.

Antenatal counselling Clinic: Clinic for counselling of pregnant women for various fetal diseases or genetic diseases has been started at 1st floor of new Neonatology building (Three days in a week – Monday, Wednesday and Friday). Genetic counselling is also done in selected cases by appointment only.

Pre-conception Care Clinic : It has been started in collaboration with dept of Gynecology and Obstetrics at 1st floor Neonatology Building on every Wednesday (12.00 -2.00 pm) .

Neonatal OPD: All working weekdays in new Neonatology building (Monday to Friday from 9 am to 2 pm, Saturday 9 am to 12 Noon)

Neonatal surgery OPD: At new Neonatology building, ground floor, on Tuesday and Saturday. Regular neonatal surgeries performed at neonatal surgery OT.

DEIC (District early intervention center): On Tuesday and Thursday, DEIC clinic is run as part of RBSK program

Comprehensive Lactation Management Center

The Chief Minister, Govt. of West Bengal has inaugurated Eastern India's first Human Milk Bank or Comprehensive Lactation Management Center (CLMC) at the ground floor of new building for Institute of Neonatology, IPGME&R and SSKM Hospital on 7th August 2013.This is the most advanced and well equipped Lactational Management center in India. Admitted babies in NICU and SNCU are getting pasteurized milk from this milk bank. The full set up is being upgraded, expanded at the 7th floor of the building, and equipped with more sophisticated equipment and international SOP for holistic lactational support for the mothers and the neonates admitted in the department the lactational support under CLMC here is being provided **round the clock (24x7)** for all mothers of the admitted newborns

Departmental Sterile Supply Division for NICU

The department is running its own Sterile supply division with two high capacity ETO, three autoclaves, Industrial grade washers and dryers .This is meant to supply sterile articles & linens for resuscitation and daily care of newborn babies admitted in NICU & SNCU to prevent sepsis.

Retinopathy of Prematurity Clinic

Screening for retinopathy of prematurity (ROP) of preterm and sick babies requiring oxygen in NICU and SNCU, IPGME&R and various SNCUs of West Bengal and referred from other health care facilities. This service is available every week on Monday and Wednesday from 9:00 AM onwards at 1st floor, Neonatology building as well as at bed side for the admitted sick babies . . In-house LASER therapy (emergency) is also done at NICU for babies, diagnosed as ROP.

Statistics report for NICU: 2010-2024

Year	Total live birth	Inborn admission	Outborn admission	Survival rate at NICU
2010	2579	1143	219	93.1%
2011	2938	1107	292	92.9%
2012	3223	883	407	92.0%
2013	3400	875	320	88.4%
2014	3802	903	289	88.7%
2015	4080	839	401	86.4%
2016	4004	1151	668	89.4%
2017	4806	1663	544	91.2%
2018	5416	1743	555	90.7%
2019	5532	2255	575	91.9%
2020	7626	3123	643	91.9 %
2021	7398	3547	615	93.8%
2022	7744	2502	641	90.8%
2023	6255	2510	667	92.2%
2024	**6796**	**2664**	**769**	**91.34%**

OPD statistics: 2024

OPD	Count
General Neonatology OPD	8070
Neurodevelopment Clinic (New cases and follow-up)	6926
ROP screening (No of new babies screened)	970
Total ROP screening done (New screening + Follow up)	3022
Total detected ROP cases	282
Babies treated with LASER procedures for ROP	71
LASER procedure performed	146

Indoor admission statistics: 2024

Total inborn admission	Inborn death	Inborn CFR	Total outborn admission	Outborn death	Outborn CFR
2664	185	6.94 %	769	112	14.56 %

TEACHING & TRAINING ACTIVITY

- **DM Neonatology course** 3-year DM Neonatology course permitted by MCI started in 2011 with annual intake of two students (recognized by NMC) . All the Academic and clinical activities are strictly followed up as per NMC guidelines for DM neonatology curriculum.
- Neonatology training of **Post graduate (MD pediatrics) students :** as part of Pediatrics curriculum under NMC
- Theory classes for Post graduate (MD Pediatrics) classes
- **Theory and practical classes for Under graduate (MBBS) students as per course curriculum**
- **Center for various state sponsored training under FBMNC, Govt of West Bengal: Regular and Refresher** Training for nurses and doctors for **FBNC module, noninvasive ventilation, infection control, preterm package and NRP.**
- **State Newborn Resource center for FBNC training:** The department has been designated as Resource Centre for training in neonatology in the state of West Bengal by Department of Healthy and Family Welfare, Govt. of West Bengal.
- **Inservice training of support staffs (every Friday) and nursing staffs (every Saturday) for quality improvement.**

Research Projects of the Department :

SN	Name of the Research project	Funded by	Status
1	Burden of Antibiotic Resistance in Neonates from Developing Societies, (BARNARDS), (CO-Principal Investigator, India site	Bill and Melinda Gates Project through Cardiff University	Completed
2	Diagnostics for Hypervirulent Klebsiella pneumoniae causing sepsis targeting Resistance and Virulence determinants, (DH kp RUV)" (as Site Co-PI)	ICMR	Ongoing
3	Physiological Postnatal Weight Loss Nomograms in Exclusively Breastfed Healthy Term Infants: A Multi-Centric Prospective Cohort Study (as site Co-PI)	ICMR	Ongoing
4	Neurodevelopmental outcome of late preterm infants in first 24 months of life (as Pi and Co-Pi)	Science & Technology and Biotechnology Department, Govt of West Bengal	Ongoing

RECENT PUBLICATIONS (last 3 years) :

SN	Title of article	Authors	Journal	Year
1	Comparison of Bovine Lipid Extract Surfactant and Poractant Alfa Administered via LISA in Preterm Infants(28+0 to 34+6 Week) With	Ashadur Jamal, Md Habibullah Sk., Bijan Saha, Avijit Hazra	Pediatric Pulmonology	September 2025

	Respiratory Distress Syndrome: A Randomized Controlled Trial			
2	Comparison of efficacy between beractant and poractant alfa in respiratory distress syndrome among preterm infants (28-33+6 weeks gestational age) using the less invasive surfactant administration (LISA) technique: A randomized controlled trial. J Perinatol.	Ashadur Jamal, Md Habibullah Sk., Bijan Saha, Avijit Hazra	Journal of Perinatology	June 2025
3	Impact of a quality improvement initiative on neonatal stabilization and admission patterns in a special care newborn unit in India.	Md Habibullah Sk., Bijan Saha, Anindya Kumar Saha	Journal of Neonatal-Perinatal Medicine.	October 2025
4	Does prehabilitative oromotor stimulation have any impact on feeding performance of preterm infants during hospital stay and in early infancy: findings from a randomized controlled trial.	Suvashri Sasmal, Asha P Shetty, Bijan Saha, Brenda Knoll, Suchandra Mukherjee, Sangita Mazumder	Neonatal Network	June 2025
5	Implementing the practice of early skin-to-skin contact among infants ≥34 weeks gestation born by caesarean section: A quality improvement study.	Md Habibullah Sk, Bijan Saha, Saugata Chaudhuri	Journal of Neonatal Perinatal Medicine	September 2025
6	Enteral feeding based on expected median weight versus actual weight among small for gestational age preterm infants born at 30-34 weeks of gestation for prevention of hypoglycemia: an assessor-blinded randomized controlled trial.	Sulagna Dutta, Anindya Kumar Saha, Bijan Saha	European Journal of Pediatrics	August 2025
7	Cut umbilical cord milking (C-UCM) in preterm twin gestational births-a randomized controlled trial.	Ashadur Jamal, Rajib Losan Borah, Saugata Chaudhuri, Bijan Saha, Shambhu Bandyopadhyay, Avijit Hazra	European Journal of Pediatrics	February 2025

Nephrology

FACULTY

Dr. Sanjay Dasgupta	Professor & Head
Dr. Koushik Bhattacharjee	Associate Professor
Dr. Atanu Pal	Associate Professor
Dr. Arif Hossain	RMO Cum Clinical tutor
Dr. Manoj Das	RMO Cum Clinical tutor
Dr. Shrabani Shil	RMO cum Clinical tutor
Dr. Md. Sirajul Islam	RMO cum Clinical tutor
Dr. Sital Dey	Medical Officer
Dr. Koushambi Santra	Medical Officer

Senior Residents

Dr. Aniruddha Datta Dr. Sudipto Ghosh	Dr. Soumyadip Kar Dr. Sourav Sadhukhan	Dr. Tarak Chowdhury Dr. Kaushik Mondal

Postdoctoral Trainees

Session 2024-2027	Session 2023-2026	Session 2022-2025
Dr. Rosalin Meher Dr. Shounak Basak Dr. Anupam Biswas Dr. Sanjukta Dey Dr. Anwesha Sohrab Dr. Bidisha Maji Dr. Arnab Bhattacharjee Dr. Ghausia Nazir Dr. Upoma Saha Dr. Subhendu Biswas	Dr. Kaushik Samanta Dr. Arnab Mukhopadhyay Dr. Soutrik Ghosh Dr. Debroop Sengupta Dr. Malika Dhawan Dr. Monishankar Bhattacharjee Dr. Bosudha Deb Dr. Aakash Roy Dr. Biplab Saha Dr. Abhinandya Mukhopadhyay	Dr. Rima Mahapatra Dr. Bibek Maulik Dr. Kunal Haldar Dr. Adrija Chatterjee Dr. Pallavi Mahato Dr. Mohsina Naj Dr. Sourav Sarkar Dr. Souvik Ghatak Dr. Priyangani Lohia Dr. Laky Saha

ACADEMIC ACTIVITY

Regular academic events held on Monday to Saturday at seminar room of Nephrology-Urology building / online platform:

December 2024: • Case presentation: 3 • Class/ Seminar: 12 January 2025: • Case presentation: 9 • Class/Seminar: 15 February 2025: • Case presentation: 11 • Class/Seminar: 15 March 2025: • Case presentation: 6 • Class/Seminar: 15 • Journal Club: 2	April 2025: • Case presentation: 4 • Class/Seminar: 6 • Journal club: 2 May 2025: • Case presentation: 3 • Class/Seminar: 20 • Nephropathology interface: 1 June 2025: • Case presentation: 3 • Class/ Seminar: 10 • Nephropathology interface: 1	July 2025: • Case presentation 3 • Class/Seminar: 19 • Journal club : 2 August 2025: • Class/Seminar online: 10 • Case presentations online: 4 September 2025: • Class/Seminar online : 10 • Case presentation online : 2 October 2025 : • Class /Seminar : 6 November 2025: • Class/Seminar : 12 • Case presentation : 7

DIPLOMA IN DIALYSIS TECHNIQUE COURSE

For the course in Diploma in Dialysis Techniques:
In the MT Dialysis final examination of 2025
Number of students appeared: Preliminary examination: 07 | Final examination: 08

RESEARCH ACTIVITY

Research projects (Currently ongoing)

1. Role of renal Doppler ultrasound in assessing non-recovering pregnancy related acute kidney injury
2. Levels of serum IgG in Childhood onset Nephrotic Syndrome in Remission and its Correlation with Relapse and other Complications
3. A Study on Correlation of clinical presentation and Histological parameters by Oxford classification of IgA Nephropathy in a Tertiary care hospital
4. Assessment of Coronary Calcification in Chronic Kidney Disease patients from stage 3 to stage 5ND in a tertiary care hospital in eastern India- A cross sectional observational study
5. A Prospective Observational study of Echocardiographic Parameters prior to renal transplant and six months after renal transplant in a tertiary care hospital in Eastern India
6. Clinical spectrum and short-term outcomes of acute pyelonephritis: an observational study in Eastern India
7. A study on clinico-pathological profile of diabetic patients undergoing renal biopsy in a tertiary care hospital in eastern India
8. A Comparative study on Epidemiological, Clinical and Laboratory parameters of children with Frequently and Infrequently Relapsing idiopathic Nephrotic syndrome in a tertiary care center in eastern India
9. A prospective observational study on the incidence, clinico-microbiological profile and outcome of hemodialysis access related bloodstream infections in a tertiary care hospital in Eastern India
10. Prevalence of Anxiety and Depression in Patients of Systemic Lupus Erythematosus with Kidney Involvement Attending Outpatient Department in a Tertiary Care Center in Eastern India
11. Clinical spectrum and short-term outcome in pregnancy related acute kidney injury patients in a tertiary care center in eastern India
12. Therapeutic outcome of monoclonal gammopathy of renal significance in tertiary care center in eastern India
13. Study of the efficacy and adverse effects of multitargeted therapy in primary MN
14. Clinical spectrum and outcomes of patients on therapeutic plasma exchange in a tertiary care hospital
15. Study to determine incidence and risk factors of intradialytic arrhythmia in a tertiary care center in eastern India
16. Study of prevalence and risk factors of post-transplant diabetes mellitus in a tertiary care center in eastern India
17. Clinicopathological spectrum and short-term outcome of adult crescentic GN in a tertiary care center in eastern India
18. Clinical spectrum and outcome of adult minimal change disease adult FSGS with rituximab as the first steroid sparing agent in steroid dependent and steroid resistant nephrotic syndrome patients in tertiary care center in eastern India
19. Clinicopathological spectrum and short-term outcome of adult infection related GN patients in a tertiary care center in eastern India
20. Short term outcome of continuous ambulatory peritoneal dialysis in a tertiary care center in eastern India
21. Assessment of epidemiology, risk factors and outcome of AKI in solid organ malignancy patients- An experience from tertiary care hospital in eastern India
22. Cognitive impairment and risk factors and profile in pre dialysis CKD patients
23. Prevalence of obstructive sleep apnea in advanced non dialysis requiring CKD patients
24. A single center, double blind, randomized, active control study to evaluate the efficacy and safety of sacubitril/valsartan in CKD patients on maintenance hemodialysis with heart failure
25. Mycophenolate mofetil versus tacrolimus for maintenance of remission in children with frequently relapsing and steroid dependent nephritic syndrome: a randomized controlled trial
26. A prospective comparative study between rituximab and cyclophosphamide as induction agent for pauciimmune necrotizing glomerulonephritis in a tertiary care center.
27. Assessment of coronary calcification in lupus nephritis patients : a cross-sectional study
28. A comparative study of volume assessment between bio-impedance analysis and real time ultrasound of CKD stage 5 patients during maintenance hemodialysis in a tertiary care hospital
29. An observational study to analyze the role of renal shear wave elastography as a noninvasive diagnostic modality in evaluation of renal fibrosis in patients with chronic kidney disease.
30. Fracture risk reduction with Denosumab in chronic kidney disease stage 3-5.

PUBLICATIONS

1. Spectrum and Outcome of Acute Kidney Injury in Nonsurgical Cardiac Intensive Care Unit Patients: A Prospective Observational Study: Dr. Koushik Bhattacharjee, Dr. Neeraj Saini
2. Epidemiology and outcome of acute kidney injury in critical care unit: A prospective observational study from Eastern India: Dr. Koushik Bhattacharjee, Dr. Tathagata Mukherjee, Prof. Sanjay Dasgupta (accepted for publication)
3. A Phase 3 Trial of Atacicept in Patients with IgA Nephropathy: Dr. Atanu Pal, Dr Bibek Maulik
4. MPO-ANCA Positivity in IgA Nephropathy: Deceptor or Consequence? Dr. Pallavi Mahato
5. COmbinatioN effect of FInerenone anD EmpaglifloziN in participants with chronic kidney disease and type 2 diabetes using a UACR Endpoint (CONFIDENCE) trial: baseline clinical characteristics: Dr Atanu Pal, Dr Bibek Maulik

Oral presentations (Faculty)

1. Monoclonal gammopathy of renal significance: Prof. Sanjay Dasgupta at API Nephrology symposium

Oral presentations (Residents)

1. Outcome of central venoplasty and AV fistuloplasty in a tertiary care hospital: Dr. Sourav Sadhukan (at Avatar India 2025)
2. Anca Negative Pauci-immune Crescentic Glomerulonephritis - A Single Centre Experience In A Tertiary Care Centre in Eastern India: Dr. Abhinandya Mukhopadhyay (at ISNEZCON 2025)
3. Quality of life in peritoneal dialysis patients: A cross-sectional study from Eastern India: Dr. Abhinandya Mukhopadhyay (at PDSICON 2025)

ISOT Presentations 2025

1. EXPANDING THE DONOR POOL: THREE CASES OF ABO-INCOMPATIBLE KIDNEY TRANSPLANTATION WITH FAVORABLE OUTCOMES: Dr. Bosudha Deb
2. A CASE OF REFRACTORY CMV INFECTION IN A POST RENAL TRANSPLANT PATIENT: Soutrik Ghosh
3. CUTANEOUS TUBERCULOSIS AND HEPATITIS C VIRUS (HCV) CO-INFECTION IN A RENAL ALLOGRAFT RECIPIENT WITH NAME MALIKA DHAWAN CHRONIC GRAFT DYSFUNCTION: A CASE REPORT: Dr. Malika Dhawan
4. CRESCENTIC TRANSFORMATION OF BK-VIRUS NEPHROPATHY: A RARE AND DEVASTATING POST-TRANSPLANT COMPLICATION: Dr. Debroop Sengupta
5. C4D WITHOUT REJECTION? UNMASKING THE UNMET NEED FOR MOLECULAR DIAGNOSTICS IN TRANSPLANT KIDNEY BIOPSY: Dr. Debroop Sengupta
6. THERAPEUTIC REFRACTORINESS IN A KIDNEY ALLOGRAFT WITH COEXISTING RECURRENT FSGS, CNI ASSOCIATED TMA AND BK-VIRUS NEPHROPATHY: Dr. Monisankar Bhattacharjee

Awards

- 3rd prize in Poster presentation at ISOT: Dr. Debroop Sengupta

Posters for World Congress of Nephrology 2025

1. Prevalence of osteoporosis and osteopenia in chronic kidney disease in eastern India: Dr Laky Saha
2. A case series of anti-GBM with concurrent IgA: Dr Priyangani Lohia
3. A comparative study of volume assessment between lung ultrasound and bioimpedance analysis of CKD stage 5 patients on maintenance hemodialysis in a tertiary care center: Dr Souvik Ghatak
4. Single-center randomized study to evaluate safety and efficacy of sacubitril valsartan in comparison to telmisartan in CKD 5d patients with heart failure: Dr Bibek Maulik 5. Anca anti-GNM overlap case series.: Dr Pallavi Mahato
6. Crescentic glomerulonephritis with ICDD an eccentric presentation of multiple myeloma: Dr Rima Mahapatra
7. After prophylaxis ends cmv infection dynamics in Indian renal transplant patients: Dr Kathirvel M
8. Observational analysis of treatment outcomes and associations of PLA2R levels in primary membranous nephropathy in a tertiary care center of eastern India: Dr Gopambuj Singh Rathod
9. Outcome of use of enteric released budesonide in IgA nephropathy patients with nephrotic and subnephrotic proteinuria presentations; prospective comparative study in tertiary care center: Dr Raja Singhal
10. Genotypic-phenotypic spectrum of COL4 mutation & transplant outcome of Alport syndrome: a single center experience: Dr. Mohsina Naj
11. Thrombotic microangiopathy in pregnancy: a deceptive adversary: Dr. Adrija Chatterjee

ISN Accepted Posters 2025

1. Beyond detectable antibodies: a triple chronicle of atypical anti-GBM disease across the spectrum: Dr. Kaushik Samanta
2. Pgnmid's many faces: unveiling a diverse clinical spectrum (a case series): Dr. Biplab Saha
3. Demographic, clinical and pathological profile of monoclonal gammopathy of renal significance (MGRS) patients in a tertiary care center in eastern India: Malika Dhawan
4. A rare case of triple positive systemic vasculitis with polyclonal plasma cell expansion: Dr. Debroop Sengupta
5. Immune-complex deposits in ANCA-associated glomerulonephritis: a case report: Dr. Abhinandya Mukhopadhyay
6. ANCA vasculitis: unusual presentation with immune complex mediated cresentic glomerulonephritis and macular edema: Dr. Abhinandya Mukhopadhyay

SERVICE INFORMATION

Month	Indoor Admission	Indoor Admission Male	Indoor Admission Female	Live Transplant	Cadaveric Transplant	OPD Attendance (Old / New)
DEC 24	142	91	51	4	2	2399 / 4001
JAN 25	147	91	56	4	0	2680 / 3867
FEB 25	117	76	41	5	0	2055 / 4004
MARCH 25	118	67	51	3	1	2690 / 4526
APRIL 25	123	80	43	2	1	2409 / 4289
MAY 25	133	92	41	3	1	2658 / 4574
JUNE 25	99	65	34	2	0	2211 / 4825
JULY 25	120	77	43	2	1	2996 / 4880
AUGUST 25	130	79	51	0	0	2597 / 5262
SEP 25	64	41	23	1	0	2974 / 5204
OCT 25	98	58	40	2	0	1887 / 3994
NOV 25	101	56	45	1	0	2670 / 5003
TOTAL	**1392**	**873**	**519**	**27**	**6**	**30226 / 54429 (Total: 84655)**

HEMODIALYSIS UNIT, NEPHROLOGY

Month	Hemo-dialysis	Perma cath insertion	IJV/ femoral insertion	Renal biopsy	Plasma-pheresis	Perm cath removal	AV fistula creation	CAPD cath insertion	Inj Rituximab	Inj Cyclopho-sphamide
DEC '24	1030	51	262	153	60	01	00	03	04	12
JAN '25	1179	35	249	142	16	03	00	06	03	13
FEB '25	1270	22	267	114	28	02	00	01	03	11
MAR '25	1205	32	254	148	20	01	00	05	08	10
APR '25	1307	36	276	144	28	03	00	00	21	13
MAY '25	1524	12	286	119	38	02	00	01	11	11
JUN '25	1235	08	242	108	44	03	00	00	14	11
JUL '25	1593	40	277	144	35	04	00	02	23	12
AUG '25	963	38	220	126	35	02	00	01	24	14
SEP '25	824	31	201	168	39	01	00	01	21	14
OCT '25	941	20	206	130	31	01	00	01	22	14
NOV '25	891	36	201	134	49	02	00	02	15	05
TOTAL	**13962**	**361**	**2941**	**1630**	**423**	**25**	**00**	**23**	**169**	**140**

Obstetrics and Gynecology

FACULTY AND SENIOR RESIDENT

Name	Qualification	Designation
Dr. Narayan Jana	MBBS, MD(O&G), DNB, MRCOG, FRCOG, MAMS, FICOG, FIMSA	Professor and Head
Dr. Gourisankar Kamilya	MBBS, MD, DNB (O&G)	Professor
Dr. Chaitali Datta Ray	MBBS, MD (O&G)	Professor
Dr. Sarbeswar Mondal	MBBS, MS (O&G)	Professor
Dr. Sumit Ranjan Pramanik	MBBS, MD (O&G)	Associate Professor
Dr. Sambhunath Bandyopadhyay	MBBS, MD (O&G)	Associate Professor
Dr. Anuradha Ghosh	MBBS, MD (O&G)	Associate Professor
Dr. Dipta Prasun Saha	MBBS, MD (O&G)	Associate Professor
Dr. Subesha Basu Roy	MBBS, MS (O&G)	Associate Professor
Dr. Raghunath Bhattacharyya	MBBS, MS (O&G)	Associate Professor
Dr. Biswajit Ghosh	MBBS, MD (O&G)	Assistant Professor
Dr. Rahul Deb Mandal	MBBS, MS (O&G)	Assistant Professor
Dr. Rathindranath Roy	MBBS, DGO, MD (O&G)	Assistant Professor
Dr. Suman Poddar	MBBS, DNB (O&G)	Assistant Professor
Dr. Bidisha Roychoudhury	MBBS, DNB (O&G), MRCOG	Assistant Professor
Dr. Chaitali Karmakar	MBBS, MS (O&G)	Assistant Professor
Dr. Sayantanee Sengupta	MBBS, MD (O&G)	Assistant Professor
Dr. Biswanath Ghosh Dastidar	MBBS, MS (O&G)	Assistant Professor
Dr. Saumen Mandal	MBBS, MS (O&G)	RMO cum Clinical Tutor
Dr. Sukanta Das	MBBS, MS (O&G)	RMO cum Clinical Tutor
Dr. Chaitali Sen Gupta (Saha)	MBBS, MS (O&G)	RMO cum Clinical Tutor
Dr. Afifa Ahamed	MBBS, MS (O&G)	RMO cum Clinical Tutor
Dr. Shruti Halder	MBBS, MS (O&G)	Senior Resident
Dr. Nimisha Mishra	MBBS, MS (O&G)	Senior Resident
Dr. Sanghamitra Roy	MBBS, MS (O&G)	Senior Resident
Dr. Sneha Banerjee	MBBS, MS (O&G)	Senior Resident
Dr. Alapan Halder	MBBS, MS (O&G)	Senior Resident
Dr. Anushka Mitra	MBBS, MS (O&G)	Senior Resident
Dr. Saheli Deb	MBBS, MS (O&G)	Senior Resident
Dr. Nibedita Sarkar	MBBS, MS (O&G)	Senior Resident
Dr. Maitrayee Das	MBBS, MS (O&G)	Senior Resident
Dr. Shruti Suryakant Pansare	MBBS, MS (O&G)	Senior Resident
Dr. Nirupam Kanti De	MBBS, MS (O&G)	Senior Resident
Dr. Rakhi Mitra	MBBS, DGO, DNB (O&G)	Senior Resident
Dr. Nazia Iftikhar	MBBS, DNB (O&G)	Senior Resident

Following Senior Residents were released in May-June 2025:

Dr. Shreya Saha, Dr. Tania Guria, Dr. Aditi Roy, Dr. Rishita Bose, Dr. Divyangana Mitra, Dr. Mandira Karmakar, Dr. Priyanka Kumari, Dr. Mohini Gangopadhyay, Dr. Rituparna Biswas, Dr. Priya Bag, Dr. Shefali Kumari, Dr. Pritha Kolay

Postgraduate Residents (MS)

2022-2025	2023-26	2024-27
Dr. Monica Shah	Dr. Vipasha Dutta Roy	Dr. Riddhi Pushilal
Dr. Pragya Subba	Dr. Priyanka PR	Dr. Dipima Khan
Dr. Ruchira Ghosh	Dr. Anish Gupta	Dr. Sweta Jana
Dr. Mayukh Saha	Dr. Monalisa Mazumder	Dr. Shreyasi Ghorai
Dr. Pema Bhutia	Dr. Shubham Sinha	Dr. Shagufta Parveen

Dr. Ria Das	Dr. Pooja	Dr. Susmita De
Dr. Yogesh Munde	Dr. Somisetti Harika Valli	Dr. Swagata Dey
Dr. Roshmi Chattopadhyay	Dr. Anukriti Bharadwaj	Dr. Shaheen Khatoon Malik
Dr. Trisha Mondal	Dr. Shuvangi Chatterjee	Dr. Farhana Firdousi Munshi
Dr. Amrita Chatterjee	Dr. Roshni Dhar	Dr. Subhra Singha
Dr. Priyanka Mondal	Dr. Bijaya Sing	Dr. Shaista Abrar
Dr. Sonali Priya	Dr. Aditya Kumar Madhukar	Dr. Sourav Kirtan
Dr. Sushovan Pradhan	Dr. Shayoni Mandal	Dr. Purbaghya Ray
Dr. Tayeb Ali Molla	Dr. Nadim Ul Haque	Dr. Palash Mondal
Dr. Tanmay Adhikary	Dr. Md Ariful Islam Shaikh	Dr. Shyam Mohan Karmakar

Regular academic activity

For Undergraduate (MBBS), Postgraduate (MS), Nursing (BSc & MSc), BPT & Paramedical course students

- Bedside clinics and small group discussion
- Seminars, lectures and Journal club
- Hands on training for postgraduates and workshops
- Maternal Death Surveillance and Review (MDSR)
- Multidisciplinary meeting and reviews

Other training and academic activity

1. Postgraduate quiz for Bengal Obstetric and Gynaecological Society (BOGS)
2. Basic Emergency Obstetric Care (BEMOC) Training programme on March 18, 2025.
3. Sensitization Programme on **"Implanon"** -- a long-acting reversible contraceptive. April 17, 2025.
4. Training Programme on **"Basics of Medical Research"** for postgraduate students. July 31 & August 1, 2025
5. Hand-on Training Programme on **"Implanon"** -- a long-acting reversible contraceptive (for service providers). December 16-17, 2025
6. Sensitization Programme on **"Triple Elimination (Syphilis, HIV & Hepatitis)".** December 15, 2025.

LaQshya Certification:

Persistent efforts of the department led to Labor Room Quality Improvement Initiative (LAQSHYA) Certification – a National Quality Assurance Program by the Govt. of India, has been achieved by the Ob/Gyn department in April, 2025 having a score of more than 90%.

FACULTY NEWS

Prof. Narayan Jana

Commitments and Contributions

- **President (2024-25),** Indian Society of Perinatology and Reproductive Biology (ISOPARB)
- Technical expert of CTD (Central TB division) Task Force on National Tuberculosis Elimination Programme **(NTEP)** - Standards for TB care in India. Govt. of India.
- Member, Technical expert group of ICMR-CTD (Central TB division) Task Force on Extrapulmonary TB (for development of Standard Treatment Workflow), Govt. of India.
- Member, Technical Resource Group on "Optimal timing of cord clamping after delivery" by Maternal Health Division, DOHFW, Govt. of India.
- Associate Editor, Indian Journal of Perinatology and Reproductive Biology (IJOPARB)
- Obstetric Mentor, Maternal Health, Govt. of West Bengal
- Advisor, Perinatology Committee, Bengal Obstetrics and Gynaecological Society, Kolkata.
- Secretary, Board of Studies (O&G), West Bengal University of Health Sciences (WBUHS), Kolkata
- Head Examiner (O&G); Internal Examiner & Convener (MS); Paper setter of MS, WBUHS, Kolkata
- Examiner, Obstetrics and Gynaecology, National Board of Examination.
- Adjudicator of MD/MS thesis, WBUHS; and PGIMER, Chandigarh
- Member of Expert Committee at state level to develop guidelines: low-dose Aspirin in pregnancy and labour ward protocol; modified and updated obstetric records.
- Co-Principal Investigator of ICMR multicentric research project on **"National pregnancy and cardiac disease of India (NPAC-INDIA) study."**
- **Peer Reviewer:** International Journal of Gynaecology & Obstetrics, London; Annals of Medicine and Research, Kolkata; Indian Journal of Perinatology and Reproductive Biology, Kolkata
- Member of Ethics Committee, Chittaranjan Seva Sadan College of Obstetrics, Gynaeclogy and Child Health, Kolkata.

Faculty/Chair/Speaker:

(1) ISOPARB Presidential Oration. Mentoring and Nurturing Resident Doctors to Improve Perinatal Care in India: A three-decade journey through life. 40th Annual National Conference of ISOPARB, February 14-16, 2025, Vijayawada

(2) Chair, SN Tripathy ISOPARB Oration. 40th Annual National Conference of ISOPARB, February 14-16, 2025, Vijayawada

(3) Faculty (Panel Discussion: Third Party Reproduction). 67th All India Congress of Obstetrics and Gynaecology, January 8-11, 2025, Mumbai.

(4) Faculty (Panel Discussion: Hypertensive Disorders in Pregnancy). FOGSI VPCON 2025 (East Zone). April 18-20, 2025, Kolkata.

(5) Faculty (Panel Discussion: Rare Diseases). Sensitization workshop "Care for Rare: Together we Win). GOI/IPGMER, Jan 24, 2025, Kolkata.

(6) Faculty (Lecture: Respectful Maternity care): EmOC & LaQshya training/workshop. IPGMER-SSKMH, March 18, 2025, Kolkata.

(7) Conducted Cardiotocography (CTG) Workshop: In collaboration with Indian Society of Perinatology and Reproductive Biology, Kolkata Chapter January 6, 2025 at Medical College, Kolkata

(8) Chair, CME Programme on Management of Preterm Labour, Indian Society of Perinatology and Reproductive Biology, Kolkata Chapter March 30, 2025, Kolkata

(9) Faculty (Key note address: Management of Hypertensive Crisis in Pregnancy): Midterm National Conference of ISOPARB, September 6-7, 2021, Varanasi.

(10) Conducted 64thCardiotocography (CTG) Workshop (Practical Obstetrics): Midterm National Conference of ISOPARB, September 6-7, 2021, Varanasi.

(11) Chair, Raj Kishore Jha ISOPARB Oration. Midterm National Conference of ISOPARB, September 6-7, 2021, Varanasi.

(12) Faculty (Guest Lecture: Fetal Doppler in High-Risk Pregnancies): Mid-Term CME 2025. Kalyani Obstetric & Gynaecological Society, August 9, 2025, Kalyani.

(13) Faculty/Investigator. 1st National Investigators' Meeting 2025 of National Pregnancy & Cardiac Disease Study, May 23-24, 2025, Delhi.

(14) Faculty (Guest Lecture: Fetal Medicine): Jagannath Gupta Institute of Medical Sciences and Hospital, Nov. 11, 2025, Kolkata.

(15) Faculty (Special Lecture: Cardiotocography): Postgraduate Academic and Clinical Excellence (PACE programme). FOGSI/BOGS (at CRSS), Nov. 22 & 23, 2025, Kolkata.

(16) Faculty (Panel Discussion: Managing High-Risk ART Pregnancies). 2nd International Conference on Advances in Reproductive Medicine (ICARM). GDIFR, December 6-7, 2025, Kolkata

(17) Faculty (Guest Lecture: Aspirin in pregnancy: current evidences). 49th Annual Conference of Bengal Obstetrics and Gynaecological Society, December 19-21, 2025, Kolkata.

Other activities:

(1) Participated in Annual Conference of Society of Fetal Medicine (Bengal Chapter), May 22, 2025, Kolkata.

(2) Participated in "Create in ART 2025", CME by Institute of Reproductive Medicine. August 2, 2025, Kolkata.

(3) Participated in 1st National Investigators' Meeting 2025 of National Pregnancy & Cardiac Disease Study (ICMR), May 23-24, 2025, Delhi.

(4) Participated in Workshop on Good Clinical Practice (GCP) Reimagined: E6 (R3) Compliance and Innovative Trial Models. Indian Society for Clinical Research (ISCR) & FRESI & NPT. July 15, 2025.

Prof. Gourisankar Kamilya

- Successfully completed training on Robotic surgery, and performed both basic and advanced Robotic surgery at IPGMER, Kolkata
- Examiner in DNB in New Delhi; 16-17 Sept. 2025
- Examiner of MS, Assam Medical College, Dibrugarh on 14-15 October, 2025; Gauhati Medical College, June 13, 2025.
- Theory paper evaluator of MS exam, Gujrat university & DNB (Obst. and Gynae.)
- Practical examiner, BJ Medical College, Ahmedabad, Gujrat University, 21-23 January, 2025.
- Paper setter of MS Examination, Gujrat University.
- Lecture on Overactive bladder at State conference of Bengal Obstetrics and Gynaecological Society, December 20, 2025.
- Faculty at ICARM, Kolkata, Dec 6-7, 2025.
- Judge of free communication at BOGSCON 2025, Kolkata.
- Faculty of VPCON 2025, FOGSI conference, Kolkata, April 18-20, 2025.
- Faculty at 4th International Congress on Endometriosis, 2025.
- Peer reviewer of Journal Discover Public Health.
- Publications: (1) Combination treatment of mirabegron and solifenacin versus solifenacin monotherapy in female patients with overactive bladder. Urologia Journal, 2025. (2) Non-obese PCOS compared to obese PCOS have similar clinical presentation, hormonal profile and insulin resistance. Clinical Endocrinology 2025

Prof. Chaitali Datta Ray

1. Invited faculty by National Commission for Women to a round table conference on 'Age of Consent' at Dr. B. R. Ambedkar International Conference Centre, New Delhi in November 2025.
2. NMC Inspector for MS (O&G) in Medical colleges.
3. Examiner MS (O&G), West Bengal University of Health Sciences, Kolkata
4. Took a lead initiative in IPGMER (O&G) department for preparation and readiness for Laqshya visit by Central authorities (2025) for which our department scored over 90% for both Labour room and OT (conducted by NQAS)
5. Facilitated workshop on Research Methodology in the department of O&G.
6. Coordinated "Final MBBS Clinical Revision: A Blueprint 2025" Revision Course on behalf of department of Obstetrics & Gynaecology, IPGMER, Kolkata.
7. Facilitator for Basic Course in Medical Education (BCME) held in IPGMER.
8. Facilitator for workshops on GCP (Principles of bioethics and their relation to GCP) held in IPGMER.
9. Publication: A review on legalization of assisted reproductive technology. The TRIHMS Medical Journal, Vol. 1, Issue.1, April 2024.
10. Invited faculty at Indian Association for the Cultivation of Science, School of Biological Sciences on the topic – Human Reproductive Biology; Exploring the errors.
11. As Member of the State Appropriate Authority for the ART and Surrogacy Act, West Bengal:
    a) Contributes in the appraisal and accreditation of ART & Surrogacy clinics and ART Banks of West Bengal
    b) Involved in the issuing of Eligibility and Essentiality certificates for Intending couples for Surrogacy of West Bengal.
    c) Regularly in correspondence with Directorate of Health Research, New Delhi regarding these matters.
    d) In communication with judiciary of West Bengal regarding implementation of the Surrogacy Act.
12. Facilitated workshop of PCPNDT cell in collaboration with UNFPA on topic - ART & Fetal Reduction in the context of gender-based sex selection.
13. Chairperson, Bulletin & Website Committee, Bengal Obstetric & Gynaecological Society (BOGS) for the year 2025-2026.
14. Quiz Coordinator and Quizmaster of the BOGS, and Quizmaster of Indian Society for Assisted reproduction conference and International Conference on Advances in Reproductive Medicine.
15. Chairperson cum Judge for Free Communications for National and State conferences.
16. Invited faculty in:
    a) CME at MR Bangur on "Respectful Maternity Care, Current Practices in Maternity Care and Obstetric Emergencies" on topic Hypertensive Disorders in Pregnancy. December 2025.
    b) International Conference on Advances in Reproductive Medicine as Moderator of panel on 'Troubleshooting difficult scenarios in the clinic-post ART Surrogacy act' (December 2025).
    c) Annual Conference of the Endocrine Society of India (ESICON 2025) on topic 'What is Good Clinical practice: An Overview' (September 2025).
    d) IVF conclave as Moderator of Pannel Discussion on 'Recurrent pregnancy loss (Sept 2025).
    e) Webinar by BOGS on occasion of Teacher's dayas moderator of panel on 'Beyond Textbooks & Stethoscopes: Redefining Medical Education & Doctor-Patient Relationship'.
    f) HOPECON 2025 on Topic 'Vaginal Microbiome in Reproductive Health'. (June 2025).
    g) East India Fertility Conclave on topic 'Challenging medicolegal case scenarios in ART' (April 2025).
    h) Faculty in workshop on topic 'Postpartum Care and Puerperal Sepsis' (Feb 2025), Govt. of West Bengal.
    i) Panellist: World Cancer Day Panel discussion (February 2025). Govt. of West Bengal.
17. Participated in many public awareness and educational programmes on DD Bangla.

Prof. Sarbeswar Mandal

(1) Examiner in DNB (O&G) examination (Bangaluru and Kolkata) 2025.
Examiner and Thesis adjudicator of MS (O&G), Assam Medical College, Dibrugarh, October 14-15; Gauhati Medical College, June 13, 2025; RGUHS, Karnataka and others.
MBBS Examiner of several universities.
(2) Conference participation: BOGSCON 2025, ICARAM 2025 as a faculty.
(3) Observer for MS Exam: WBUHS 2025.
Publication:
(4) Mandal S, Karmakar C, Pradhan S, et al. To evaluate maternal and perinatal mortality in such ideal well-functioning obstetrics and gynecological with Neonatal Intensive Care Unit (NICU). Int J Clin Obstet Gynaecol 2025;9(6):201-207.
(5) Mandal S, Karmakar C, Yadav N, Khatun A, Sultana T, Kundu R. Forceps (Ergonomic Operation): An Effective aid for fetal head delivery during cesarean section. J South Asian Fed Obstet Gynaecol. 2024;16(S2):S67-S73.

Dr. Anuradha Ghosh

(1) Examiner for MBBS examination, WBUHS 2025**, Kolkata.**
(2) Adjudicator of MS thesis and evaluator of theory papers (MBBS, MS) WBUHS.
(3) Conferred with FMAS (Fellow of Minimal Access Surgeons of India) and MNAMS (Member of National Academy of Medical Sciences)
(4) Conference participation: BOGSCON 2025 as a faculty, ICARAM 2025 as a faculty.

Dr. Subesha Basu Roy
Publications:

1. A study of aneurysms of arteriovenous fistula in chronic kidney disease patients. Eur J Cardiovasc Med. February 2025.
2. Cardiac neoplasms and their intricate correlation with cardiac arrhythmias: a multimodal clinico-pathological electrophysiological and statistical dissertation. European Journal of Clinical Pharmacy. July 2025
3. Histopathological exegesis of diffuse alveolar damage dad in medicolegal necropsies a retrospective morpho-etiological disquisition of forensic pathology integrating literature synthesis and investigative insights via deciphering the data on specimens of the lung. Journal of Contemporary Clinical Practice. June 2025
4. A study of aneurysms of arteriovenous fistula in chronic kidney disease patients at a tertiary care centre in Eastern India. Eur J Cardiovasc Med. February 2025
5. Management strategies of patients presenting with thymic mass or myasthenia gravis in a tertiary care centre of Eastern India in the current era. Eur J Cardiovasc Med. August 2025
6. Laparoscopic management of benign adnexal mass and evaluation of its outcome and histopathological correlations. Eur J Cardiovasc Med September 2025.
7. A comparative study to analyze efficacy of intravenous labetalol versus oral nifedipine in hypertensive emergencies of pregnancy patients. Eur J Cardiovasc Med. July 2025.
8. Dinoprostone gel versus foley catheter for induction of labour in low bishop's score: a prospective and comparative study. Eur J Cardiovasc Med June 2025.
9. A study of the patients presenting with cardiac myxoma at a tertiary care hospital in eastern India. International Journal of Contemporary Medical Research. January 2021.
10. A prospective study on surgical versus transcatheter aortic valve replacement at tertiary care teaching center. Eur J Cardiovasc Med August 2025.
11. Acute Cerebral Venous Thrombosis: clinical, radiological, and functional outcome insights from a prospective study. Eur J Cardiovasc Med. August 2025.
12. A comparative study of recombinant erythropoietin injectables versus the oral formulation of desidustat in treating patients of chronic kidney disease. Eur J Cardiovasc Med. June 2025.
13. Clinicopathological spectra, diagnosis of metastatic cascade of gestational trophoblastic neoplasia: a multimodal approach to prognostication and therapeutic resistance as respectively seen for 100 patients for a time period of 3 years (2021-2024) in a super speciality hospital. CME Journal of Geriatric Medicine. Jan 2025
14. An observational study on extra-pulmonary tuberculosis with special reference to cartridge- based nucleic acid amplification test (CBNAAT) and assessment of drug resistance pattern in a tertiary care hospital. International Journal of Current Pharmaceutical Review and Research. August 2025.

Dr. Raghunath Bhattacharyya

Examiner for MBBS examination, WBUHS 2025**, Kolkata.**
Adjudicator of MS thesis and evaluator of theory papers (MBBS, MS) WBUHS.
Publication: metabolic risk profile of eastern indian women with different phenotypes of polycystic ovary syndrome Journal: Journal of Obstetrics and Gynecology of India. 2025;75(5):392-399.

Dr Biswanath Ghosh Dastidar

Invited Faculty:

(1) Keynote Lecture on "Improving access to IVF in LMICs", at the 2nd International Conference on Advances in Reproductive Medicine (ICARM),6-7 Dec, Kolkata, India.
(2) Plenary Lecture on "Optimising Ovarian stimulation for IVF in PCOS", at the 2nd International Conference on Advances in Reproductive Medicine (ICARM),6-7 Dec, Kolkata, India.
(3) Plenary Lecture on "Towards Universal Fertility Care: Improving access to IVF in LMICs", at the 31st Annual International Conference of The Egyptian Fertility & Sterility Society (EFSS), 27-28th Nov, 2025. Cairo, Egypt.
(4) Lecture on "Optimising IVF in PCOS", at the 31st Annual International Conference of Egyptian Fertility & Sterility Society (EFSS), 27-28th Nov, 2025. Cairo, Egypt.
(5) Lecture on "Setting up an advanced hysteroscopic unit in developing nations: Challenges, pitfalls, and opportunities" at the 37th Annual Congress of the Int. Society for Gynaecologic Endoscopy (ISGE) held in conjunction with the 28th Annual Meeting of Association of Gynaecologists and Obstetricians of Tanzania (AGOTA), 22 May, 2025. Zanzibar, Tanzania.
(6) Lecture on "Risks, Challenges and pitfalls of Endoscopy in Resource-Constrained Countries" at the 37th Annual Congress of ISGE held in conjunction with the 28th Annual Meeting of AGOTA, 22 May, 2025. Zanzibar, Tanzania.
(7) Lecture on "Improving Access to IVF in India" at the East India Fertility Conclave, organised by the Indian Society for Assisted Reproduction (ISAR), West Bengal chapter, 12th April 2025, Kolkata, India
(8) Lecture on "Fertility Outcomes in Endometriosis" at Tamralipta Obstetrics and Gynaecology Society (TOGS) 1st Annual Meeting- Purba Medinipur Conclave, 8th March, 2025. Tamluk, India.

(9) Chaired & Moderated a panel "Tackling difficult cases of endometriosis in fertility practise", Annual Congress of the Indian Society for Assisted Reproduction (ISAR), Feb 7-9, 2025. Lucknow, India.
(10) Lecture on "TVS-3D & Hysteroscopy: Role in the diagnosis of intra-uterine pathology in Infertility", All India Congress of Obstetrics & Gynaecology (AICOG), 8-12 January, 2025. Mumbai, India.
(11) Panellist on "ART regulations and impact on Level 1 & Level 2 ART centres", All India Congress of Obstetrics & Gynaecology (AICOG), 8-12 January, 2025. Mumbai, India.

Abstracts presented
"Among younger women <35 years undergoing IVF, patients with diminished ovarian reserve (DOR) show remarkably greater odds of also having sub-clinical hypothyroidism (SCH)"- Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE) 2025, 29 June-2 July, Paris, France

Publication
(1) Optimizing Ovarian Stimulation for IVF in PCOS Patients: A Novel Day 1 GnRH Antagonist Protocol. *Journal of Clinical Medicine*, *14*(16), 5901.
(2) Expert Opinion on the use of probiotics in general gynecological conditions. Cureus 17(3):e80875.
(3) Embryo evaluation and selection in IVF, Clinics in Reproductive Medicine & Assisted Reproductive Technology 5th Ed., CBS Publishers & Distributors , Kolkata.
(4) The role of Kolkata in the development of IVF in India, Clinics in Reproductive Medicine & Assisted Reproductive Technology 5th Ed., CBS Publishers & Distributors, Kolkata.
(5) Value of Modified Natural Cycle in-vitro fertilisation in normal ovarian responders, Manual of Ovulation Induction & Ovarian Stimulation Protocols, Jaypee Brothers. 2025
(6) Luteal support in non-IVF cycles", Ovarian Stimulation Protocols Simplified for the Practising Gynaecologist. Jaypee Brothers. 2025.

Books edited: Proceedings of the 2nd International Conference on Advances in Reproductive Medicine (ICARM), 6-7 Dec, Kolkata, India.

Other activities: Organizing Secretary, Scientific Program, 2nd International Conference on Advances in Reproductive Medicine (ICARM), 6-7 Dec, Kolkata, India.

Dr Bidisha Roy Choudhury:

Faculty in conference/attended conference:
1. Faculty in AICOG Mumbai as panelist in panel discussion on MTP Panel and on Safe maternal health in Jan'25.
2. Panelist in panel discussion on REPL at Midterm ISOPARB Conference in Vijaywada in March'25.
3. Moderated Panel on ART good and bad effects at ISAR Conclave in Kolkata in April'25.
4. Moderated at VPCON conference in Kolkata on tips and tricks of caesarean section in April'25.
5. Moderated in Autism panel on world Autism day celebration at Kolkata in May'25.
6. Presented talk at East zone annual conference of RCOG on Thrombophrophylaxis in July'25.
7. Panelist in panel on SUI at HOPECON in Kolkata in Aug'25.
8. Moderated panel on Surgical complications at AICCRCOG Chennai Annual conference in Sept'25.
9. Moderated panel in Laparoscopic approach at ICE conference at Kolkata in Nov'25.
10. Moderated panel on adnexal mass at BOGSCON in Kolkata in Dec'25.

Significant achievement/contribution:
1. Chapter in Gestosis guideline update in the process of release next year at AICOG 2026 Delhi.
2. Elected as member representative committee at IRC East zone RCOG.
3. Selected secretary to FOGSI president elect 2026.
4. Selected as PI in a multicentric trial on GDM mothers named Opportunity study by ICMR.
5. Selected as PI in phase 3 trial of drug combination of drotaverine with paracetamol.

Free Paper (Oral/Poster) Presented by the Residents (2024-25):

SN	Name	Title of paper and Conference
1	**Dr. Amrita Chatterjee**	Neonatal outcome in meconium stained liquor in both vaginal & caesarean section deliveries. Bengal Conclave 2024; December 27-29, 2024: Kolkata.
2	**Dr. Pema L Bhutia**	From genitoplasty to motherhood: A case of simple virilising CAH with successful pregnancy outcome. East Zone VPCON 2025; April 18-20, 2025: Kolkata. (**2nd Prize**)
3	**Dr. Pragya Subba**	Maternal & Fetal outcome in pregnancy associated with extrahepatic portal venous obstruction (EHPVO). WISDOM 2024; June 21, 2024: Kolkata.
4	**Dr. Priyanka Mondal**	Different presentation of connective Tissue Disorders in pregnancy-A case Series. WISDOM 2024; June 21 2024: Kolkata.
5	**Dr. Roshmi Chatterjee**	Risk of Development of depression during late pregnancy & early pregnancy in antenatal anemia women as compared to non-anemia women attending a tertiary care centre: a prospective analytical study. East Zone VPCON 2025; April 18-20, 2025: Kolkata.
6	**Dr. Ria Das**	An Observational study to evaluate incidence and feto-maternal outcome in women screened for Tuberculosis in pregnancy. Bengal Conclave 2024; December 27-29, 2024: Kolkata.
7	**Dr. Ruchira Ghosh**	A study to compare the occurrence of convulsion in patients with pregnancy-induced hypertension and normotensive individuals among antenatal patients. Bengal Conclave 2024; December 27-29, 2024: Kolkata.
8	**Dr. Sushobhan Pradhan**	Pleural Endometriosis. East Zone VPCON 2025; April 18-20, 2025: Kolkata.
9	**Dr. Tanmay Adhikary**	A study to compare safety, complication and satisfaction rate of women undergoing NDVE and TLH in benign indications of hysterectomy. East Zone VPCON 2025;April 18-20, 2025: Kolkata.
10	**Dr. Tayeb Ali Molla**	Primary amenorrhea with Perrault syndrome. Bengal Conclave 2024; December 27-29, 2024: Kolkata.
11	**Dr. Trisha Mondal**	Extra Genital Endometriosis: A case series exploring atypical endometriosis implication site. AICC-RCOG IRC INDIA Annual Conference 2025;June 13-14, 2025: Kolkata. (**1st Prize**)
12	**Dr. Sonali Priya**	In-utero laser ablation in twin to twin transfusion syndrome. Feto-vision 2024; April 19, 20244; Kolkata.
13	**Dr. Sonali Priya**	Evaluation and outcome of postmenopausal bleeding in elderly in a tertiary care centre. EZ IMSCON 2024; November 9-10, 2024: Kolkata.
14	**Dr. Ria Das**	Non-Puerperal vesico-uterine fistula: A case series on combined aedoino- vaginal approach as an effective surgical strategy. AICOG-COG 2024; September 19-21, 2024: Kolkata.
15	**Dr. Pragya Subba**	A comparative study of feto-maternal outcome between singleton pregnancies conceived by IVF with those conceived spontaneously —a prospective analytic study. FOGSI Conference 2025; April 18-20, 2025: Kolkata.
16	**Dr. Tayeb Ali Molla**	Vesico-uterine fistula (Youself syndrome) a care complication of caesarean section. East Zone VPCON 2025; April 18-20, 2025: Kolkata.
17	**Dr. Ruchira Ghosh**	A case condyloma acuminata. YUVACON 2025; February 8, 2025: Kolkata.
18	**Dr. Amrita Chatterjee**	An interesting case of hirsutism in a 15 yrs female with PCOS. YUVACON 2025; February 8, 2025: Kolkata.
19	**Dr. Tanmay Adhikary**	Foreign body in vagina at younger age: Diagnostic and therapeutic challenges-a case report; Bengal Conclave 2024; December 27-29, 2024: Kolkata.
20	**Dr. Roshmi Chattopadhyay**	Boon of interventional Radiology in Gynecology. WISDOM 2024; June 21 2024: Kolkata.
21	**Dr. Sushobhan Pradhan**	Non-puerperal uterine inversion: A case report. AICOG-RCOG 2024; September 19-21, 2024: Kolkata.
22	**Dr. Priyanka Mondal**	A De-novo presentation of Placenta Accreta Spectrum (PAS). Bengal Conclave 2024; December 27-29, 2024: Kolkata.
23	**Dr. Shreyashi Ghorai**	Heart under pressure: successful outcome in a case of severe valvular heart disease in pregnancy, BOGSCON 49; December 19-21, 2025: Kolkata.
24	**Dr. Swagata Dey**	Defying the odds, from hypoxia to hope: successful pregnancy outcome In a case of univentricular heart, BOGSCON 49; December 19-21, 2025: Kolkata.
25	**Dr. Shuvangi Chatterjee**	A case of pregnancy complicated by placenta accrete spectrum, AICOG RCOG IRC East Annual Conference; June 13-14,2025: Kolkata. (**1st Prize**)
26	**Dr. Anukriti Bharadwaj**	Pregnancy in shadow of Eisenmenger Syndrome: a case report and management challenges including maternal and fetal considerations. YUVACON 2025; February 8, 2025: Kolkata.
27	**Dr. Shayoni Mondal**	Successful maternal and fetal outcome in a rare case of anaplastic meningioma delivered vaginally. YUVACON 2025; February 8, 2025: Kolkata.
28	**Dr. Bijaya Singh**	A rare case of spontaneous OHSS, East Zone VPCON 2025; April 18-20, 2025: Kolkata.
29	**Dr. Aditya Kumar Madhukar**	Successful pregnancy in a patient with abstain anomaly. BOGSCON 49; December 19-21, 2025: Kolkata.

MS Thesis in Obstetrics & Gynecology:

SN	Student	Session	Thesis Topic	Guide & Co-Guide
1.	**Dr. Sweta Jana**	2024-27	Active management of third stage of labor versus physiological separation of placenta with post placental oxytocin administration: a randomized controlled trial	Prof. (Dr.) Narayan Jana Prof. (Dr.) Suchandra Mukherjee Dr. Suman Poddar
2.	**Dr. Palash Mandal**	2024-27	Two different time interval between tab mifepristone and tab misoprostol for 2nd trimester medical termination of pregnancy	Prof. (Dr.) Gourisankar Kamilya
3.	**Dr. Riddhi Pushilal**	2024-27	To compare the efficiency of etonogestrel (eng) releasing contraceptive implant versus that of levenorgestrel releasing intrauterine system (lng-ius) in alleviating pain in women affected with endometriosis	Prof. (Dr.) Gourisankar Kamilya
4.	**Dr. Dipima Khan**	2024-27	To determine the prevalence and fetomaternal outcome in late onset gestational diabetes melitus in a tertiary care hospital in West Bengal	Dr. Dipta Prasun Saha
5.	**Dr. Swagata Dey**	2024-27	Risk of cardiometabolic comorbidities in lean PCOS women compared to obese PCOS women attending a tertiary referral centre in eastern India	Prof. (Dr.) Chaitali Dutta Ray
6.	**Dr. Shreyoshi Ghorai**	2024-27	Perinatal and maternal outcome in reduced fetal movement perceived at third trimester and its association with altered doppler velocimetry- a prospective cohort study	Dr. Debmalya Maity
7.	**Dr. Shyam Mohan Karmakar**	2024-27	Risk of increased feto-maternal co-morbidities in assisted reproductive technology conceived twin pregnancies compared to spontaneously conceived twin pregnancies in antenatal mothers attending a tertiary referral center in eastern India	Prof. (Dr.) Chaitali Datta Ray
8.	**Dr. Shagufta Parveen**	2024-27	A cross-sectional study on the prevalence of psychiatric disorders in post-partum mothers in a tertiary care hospital in Kolkata	Prof. (Dr.) Sarbeswar Mondal Dr. Sujit Sarkhel
9.	**Dr. Shaista Abrar**	2024-27	A study on incidence and risk factors of still birth in a tertiary care hospital in eastern India	Dr. Sumit Ranjan Pramanik Dr. Madhumita Mondal
10.	**Dr. Purbargha Ray**	2024-27	Effect of low dose aspirin on maternal and perinatal outcome among women with high-risk pregnancies.	Dr. Rahul Deb Mondal
11.	**Dr. Susmita De**	2024-27	Correlation between radiological and histopathological findings in ovarian neoplasm: an observational study in a tertiary care hospital	Dr. Anuradha Ghosh Dr. Keya Basu
12.	**Dr. Subhra Singha**	2024-27	A comparative study for hemodynamic stability and blood loss between carbetocin and oxytocin in the management of primary postpartum hemorrhage	Dr. Biswajit Ghosh
13.	**Dr. Farhana Firdousi Munshi**	2024-27	Maternal and perinatal outcomes in pregnancy with heart disease- a prospective comparative study	Dr. Raghunath Bhattacharya Dr. Gautam Dutta.
14.	**Dr. Shaheen Khatoon Malik**	2024-27	3rd generation progesterone vs oral GNRH antagonist in pelvic endometriosis- a single blind randomized controlled trial	Dr. Sambhunath Bandyopadhyay Dr. Avijit Hazra
15.	**Dr. Sourav Kirtan**	2024-27	Magnesium sulphate for neuroprotection of fetus in mothers at risk for preterm delivery- a randomized controlled trial	Dr. Rathindra Nath Ray Prof. (Dr.) Bijan Saha
16.	**Dr. Vipasha Dutta Roy**	2023-26	Study of serum calcium and magnesium levels in pre-eclamptic and normotensive pregnant women in a tertiary referral center of Eastern India	Dr. Biswajit Ghosh
17.	**Dr. Shubhangi Chatterjee**	2023-26	Comparative study of different modalities of imaging to evaluate chronic pelvic pain of patients attending the Gynae OPD in a tertiary referral center in Eastern India.	Dr. Subesha Basu Roy
18.	**Dr. MD. Ariful Islam Shaikh**	2023-26	Parenteral iron therapy (iv ferric carboxymaltose) versus oral ferrous ascorbate in the management of iron deficiency anemia in pregnancy and puerperal: a randomized controlled trial.	Dr. Biswajit Ghosh Dr. Subesha Basu Roy
19.	**Dr. Monalisa Mazumder**	2023-26	Prevention of neonatal respiratory distress with antenatal corticosteroids before elective caesarean section in women with Diabetes at 34+0 weeks to 37+6 weeks of gestation.	Prof. (Dr.) Gourisankar Kamilya
20.	**Dr. Somisetti Hrika Valli**	2023-26	Physical quality of life index in women with mullerian anomalies.	Dr. Rathindranath Ray, Dr. Paramita Roy,

				Prof. (Dr.) Gourisankar Kamilya
21.	**Dr. Shubham Sinha**	2023-26	Classification of indications of cesarean sections by Robson ten group classification system in a Medical College and its justification- an observational study.	Dr. Anuradha Ghosh
22.	**Dr. Pooja**	2023-26	Oral rehydration solution versus intravenous hydration in management of Active phase of labour in low-risk singleton term pregnancies - A randomised controlled trial.	Prof. (Dr.) Narayan Jana, Prof. (Dr.) Bijan Saha
23.	**Dr. Nadim Ul Haque**	2023-26	Early oral feeding versus conventional late oral feeding for postoperative management of caesarean section performed under regional anesthesia.	Prof. Narayan Jana
24.	**Dr. Anish Gupta**	2023-26	Prediction of maternal prognosis using integrated severity score in women with severe acute maternal morbidity in a tertiary referral centre of eastern India.	Dr. Chaitali Datta Ray
25.	**Dr. Bijaya Sing**	2023-26	Analysis of Caesarean section rate using Robson's Ten group classification system (RTGCS) in a Tertiary Teaching Hospital in Kolkata.	Dr. Dipta Prasun Saha
26.	**Dr. Roshni Dhar**	2023-26	A study on cervical sliding sign at second trimester in the prediction of early preterm birth in twin pregnancy.	Dr. Rahul Deb Mandal
27.	**Dr. Anukriti Bharadwaj**	2023-26	Fetomaternal outcomes in IVF pregnancies- A prospective analytical observational study	Dr. Sumit Ranjan Pramanik
28.	**Dr. Aditya Kumar Madhukar**	2023-26	A prospective study to evaluate the prevalence sensitization rate and utilization of prophylactic treatment of rh negative women.	Prof. (Dr.) Sarbeswar Mandal
29.	**Dr. Priyanka Ravichandran**	2023-26	A study of intraepithelial cervical lesion based on Pap smear between HIV positive and HIV negative women of reproductive age group.	Dr. Sambhunath Bandhopadhyay
30.	**Dr. Shayoni Mandal**	2023-26	Association of maternal serum bile acid levels with fetomaternal outcomes in mothers with intrahepatic cholestasis of pregnancy.	Dr. Raghunath Bhattacharyya
31.	**Dr. Mayukh Saha**	2022-25	A study on mood disorders in young patients with PCOS attending gynecology outpatient department of SSKM hospital, Kolkata .	Dr. Sambhunath Bandyopadhyay
32.	**Dr. Priyanka Mondal**	2022-25	Correlation of pathological cardiotocography with fetomaternal outcome in a tertiary care center: a prospective observational study	Dr. Raghunath Bhattacharyya
33.	**Dr. Pragya Subba**	2022-25	A comparative study of fetomaternal outcome between singleton pregnancy conceived by IVF to those conceived spontaneously - a prospective analytic study .	Dr. Dipta Prasun Saha
34.	**Dr. Roshmi Chattopadhyay**	2022-25	"Risk of development during third trimester and early puerperium in antenatal anaemic women as compared to non anaemic women attending tertiary care centre "	Dr. Chaitali Datta Ray Dr. Paramita Ray
35.	**Dr. Yogesh Baburao Munde**	2022-25	Randomised controlled trial between single dose Azithromycin and ceftriaxone verses ceftriaxone alone in a case of prelabour cesarean birth to decrease surgical site infection	Prof. (Dr.) Gourisankar Kamilya
36.	**Dr. Monica Shah**	2022-25	A randomized control trial between prophylactic oxytocin along with methylergometrine vs oxytocin alone to reduce the amount of blood loss in intrapartum caesarean section.	Prof. (Dr.) Gourisankar Kamilya
37.	**Dr. Amrita Chatterjee**	2022-25	Neonatal outcome in deliveries with meconium-stained liquor of both vaginal and caesarean section: a descriptive and observational study in a tertiary care hospital .	Dr. Subesha Basu Roy
38.	**Dr. Ruchira Ghosh**	2022-25	A study to compare the occurrence of convulsions among patients with pregnancy induced hypertension and normotensive individuals among antenatal patients and to predict their fetomaternal outcome.	Dr. Subesha Basu Roy
39.	**Dr. Tayeb Ali Molla**	2022-25	The Study of incidence of thyroid disorder in pregnancy and impact on feto-maternal outcome.	Dr. Biswajit Ghosh
40.	**Dr. Pema Lhanzey Bhutia**	2022-25	Magnesium Sulphate intramuscular dose in prevention of Preeclampsia and other Hypertensive disorders in pregnancy - a triple blind randomized control study.	Prof. (Dr.) Sarbeswar Mandal
41.	**Dr. Sushobhan Pradhan**	2022-25	Optimum dose and time of initiation of Aspirin in mothers with risk for developing preeclampsia- a double blind randomized controlled trial.	Dr. Anuradha Ghosh
42.	**Dr. Ria Das**	2022-25	An observational study to evaluate the incidence of antenatal tuberculosis in a tertiary referral centre in Eastern India. "	Prof. (Dr.) Narayan Jana, Dr. Rathindra Nath Ray

43.	**Dr. Trisha Mondal**	2022-25	A study to determine the role of uterine artery doppler in comparison to serial b-HCG for earlier prediction of resolution in post molar pregnancy surveillance.	Dr. Sumit Ranjan Pramanik
44.	**Dr. Tanmay Adhikary**	2022-25	A study to compare safety, complications, satisfaction rate of women undergoing total laparoscopic hysterectomy and non-descent vaginal hysterectomy in benign indications of hysterectomy.	Dr. Rahul Deb Mandal
45.	**Dr. Sonali Priya**	2022-25	Maternal factors and their effect on birth weight of baby in urban and non-urban population – an observational study.	Dr. Sambhunath Bandhopadhyay Prof. (Dr.) Bijan Saha

SERVICE INFORMATION (O & G)

Bed location: Obstetrics-Gynecology building & Ronald Ross building

Maternity Ground Floor Ward – 33
Maternity Ward 1st Floor Obst – 47
Maternity Extension Ward Obst – 20
Labour ward – 13
Maternity Ward 2nd Floor Obst – 22
Maternity Ward 2nd Floor Gynae – 32(14+18)
Cabin – 4
Ligation ward Ronald Ross 3rd Floor – 10

Total - 181

OPD location: Obstetrics-Gynecology Building (ground floor)

OPD attendance
Total attendance –**157897** (01.01.2025 to 31.12.2025)

Indoor patients
Total admissions –**11943**

Procedures / Operations performed (01.01.2025 to 31.12.2025)
Major Gynae operative procedures: **1482 (including Robotic Surgery)**
Minor Gynae operative & other procedures:
(including IUCD, Tubal Ligation, D&C, diagnostic laparoscopy, Implanon insertion etc): **3419**
Total number of birth (Vaginal + LSCS): **6582**
Total number of Vaginal births: **2634** (Including Instrumental Vaginal birth **292)**
Total number of caesarean births: **3948**

KMH UNIT: (01.01.2025 To 31.12.2025)
OPD attendance: 36669
Indoor admission: 1532
Total number of births: **948**
Total caesarean births: **703**
Total number of vaginal birth (Including instrumental delivery): **245**

Cervical Cancer Screening: Pap smear **4084**

OTHER PATIENT – INTERFACE – RELATED INFORMATION :
Tumor Clinic, Infertility Clinic, Ultrasonography, Prenatal Counseling Clinic, Fetal Monitoring, Post Partum (PP) Unit, Uro-Gynaecology Clinic, PAP Smear Clinic, PPTCT unit are also running efficiently. The Department also provides all services related to Maternal and new born care as per National Health Mission Programme / Guidelines.

PP UNIT:
PP unit is providing various post-partum contraceptives serviced in the form of:
1. PPIUCD and Implanon

2. Centchroman (CHHAYA)
3. Medroxy Progesterone Acetate (ANTARA)
4. Tubal sensitization

UNIT DISTRIBUTION (O & G)

Unit No.	Admission Day	Consultants	Operation Day
IA	Monday	Prof. Sarbeswar Mandal Dr. Subesha Basu Roy Dr. Biswajit Ghosh Dr. Chaitali Sen Gupta (Saha) Dr. Afifa Ahamed	Thursday
IIA	Tuesday	Prof. Gourisankar Kamilya Dr. Dipta Prasun Saha Dr. Rathindranath Roy Dr. Biswanath Ghosh Dastidar	Friday
IIIA	Wednesday	Prof. Chaitali Datta Ray Dr. Debmalya Maity Dr. Sayantanee Sengupta Dr. Saumen Mandal	Saturday
IVA	Thursday	Prof. Narayan Jana Dr. Sumit Ranjan Pramanik Dr. Rahul Deb Mandal Dr. Sukanta Das	Monday
IB	Friday	Dr. Anuradha Ghosh Dr. Suman Poddar Dr. Chaitali Karmakar	Tuesday
IIB	Saturday	Dr. Sambhunath Bandyopadhyay Dr. Raghunath Bhattacharyya Dr. Bidisha Roychoudhury	Wednesday

Ophthalmology

FACULTY

Dr. Smiti Rani Srivastava, MS,MRCS, FRCS Glasgow	Professor & Head
Dr. Shashwat Bhattacharyya, MBBS, MS, MRCS, FRCS Glasgow	Associate Professor
Dr. Arpita De, MBBS, DO, MS ,DNB	Assistant Professor

Senior Residents	**Postgraduate Trainees**	**Housestaff**
Dr. Sonali Bhattacharya, MBBS, DO (Medical Officer) Retired on 30/11/25	Dr. Ravi Prakash Pilania (2022-2025)	Dr. Argha Chatterjee
Dr. Biswajit Mandal, MBBS, DO (Medical Officer)	Dr. Imran Azeem (2022-2025)	Dr. Baratul Aziz
Dr. Rituparna Ghosh MBBS, DO, DNB	Dr. Sumit Kumar Das (2022-2025)	Dr. Bikram Sarkar
Dr. Niharika Lakhotia, MBBS ,MS	Dr. Manisha Choudhury (2023-2026)	
Dr. Debaruna Ghosh, MBBS, DNB (Joined on 11/04/25)	Dr. Varun Parekh (2023-2026)	
Dr. Sougata Saha, MBBS, MS	Dr. Mamoni Saha (2024-2027)	
Dr. Minerva Mandal, MBBS, MS	Dr. Yogita (2024-2027)	
Dr. Amrita Sen, MBBS, DNB (Joined on 23/05/25)		
Dr. Sirisha V R, MBBS, MS (joined on 15/06/25)		
Dr. Zoya Khurshid, MBBBS, MS (joined on 01/12/25)		

Retina Consultant

Dr. Sangeeta Roy, MD (AIIMS), FVRA	Tenure end on 28/02/25
Dr. Kshitiz Kumar, MS, FRCS Glasgow, FLVPEI	
Dr. Swyambhu Prasad Ghosh , MBBS, MS, VRS	

Non-teaching staff

Mr. Prasanta Paul	Medical Technologist (PMOA)
Mr. Debnath Misra	Medical Technologist (PMOA)
Mr. Sanatan Halder	Medical Technologist (PMOA)
Mr. Priyabrata Bandyopadhyay	Medical Technologist (PMOA)
Mr. Jagannath Mallick	Karmabandhu
Mr. Souvik Dey	Eye Bank Counselor

FACULTY NEWS

Dr. Smiti Rani Srivastava, MBBS (HONS) MS, MRCS, FRCS (Glasgow) Professor & Head

Academics

- Internal Examiner and convener of post graduate ophthalmology exam in 2024 and 2025.
- External Examiner of DO DNB exam.
- Thesis guide of MS ophthalmology students.
- Faculty and panelist in ophthalmological society of west Bengal conference.
- Reviewer of national and international journals.
- Written many chapters and editor of the book published by J P Brothers named Solved Questions in Ophthalmology for PG Students.
- Regularly taking undergraduate and post graduate classes and projects.

Workshops, conferences & camp; training attended

- Attended Asia Pacific Academy of Ophthalmology Congress APAO April 2025.
- Attended Ophthalmological society of west Bengal OSWB Conference Nov 2025.
- Resource faculty at OSWB 2025

Clinical performance profile

- In-Charge EYE Dept. of S.N.P .Hospital, Annex I, IPGMER
- In charge vitreoretinal service Department of ophthalmology IPGME&R
- In charge Pediatric ,Squint Service at Department of Ophthalmology, IPGME&R
- Performing Cataract, Vitrectomy, Intravitreal Injections for medical retina patient and pediatrics cataract and squint surgery .

Publications:

- Written many chapters and editor of the book published by J P Brothers named "Solved Questions in Ophthalmology for PG Students"

Dr. Shashwat Bhattacharyya, MS, MRCS, FRCS Glasgow, Associate Professor

Academics

- Teacher in charge for Paramedical D Optometry Course Regularly Conducted Theory Lecture,
- OPHTHALMOLOGY CLINICS and OT demonstration for undergraduate Students Postgraduate Students.
- Postgraduate Seminars and case discussion.
- Examiner for MBBS PHASE 3 Ophthalmology and D Optometry course under SMFWB
- Successfully cleared FRCO London Part 2 exams in 2025

Workshops, conferences & training attended

- Resource faculty at IROP-OSWB CME on 14/11/25.
- Attended at OSWB Annual Conference 2025

Clinical performance profile

- In charge of weekly special clinics: Medical Retina and ROP.
- Performing Cataract, Vitrectomy, Intravitreal Injections for medical retina patients.
- Laser services for ROP and Medical retina. Performing Surgeries at Newly Started Retina OT at SSKM.

Publications

- Kala U, Desai JR, Majumdar B, Pradhan A, Thounaojam S, Sen A, Bhattacharyya S, Chattree S, Saurabh K, Roy R. Tamoxifen Retinopathy or Macular Telangiectasia Type 2: Multicolor Imaging to Clinch the Diagnosis. Journal of Current Ophthalmology. 2025 Jan 1;37(1):133-6

Dr. Arpita De, DO,MS,DNB, Assistant Professor

Academics

- Nodal officer- in-charge of Eye bank and Eye Bank related work.
- Guest faculty in Ophthalmology at Mahesh Bhattacharyya Homeopathic Medical College& Hospital
- Internal Examiner for Diploma in Optometry Examination 2025
- Regularly conducted theory lectures, ophthalmology clinic, OT demonstration for UG & PG students
- Thesis co-guide for MS Ophthalmology student

Clinical performance

- Teacher for UG & PG students
- Routine OPD & OT
- PG seminars, case discussions
- Special clinic in cornea and Oculoplasty.

Conferences

- Attended OSWB 2025
- Presented in Cornea donation an awareness program
- Attended BCME training

Publications

- Arpita D, Sreetama C, Madhumita M:Epidemiological study of eyelid tumors in a tertiary care center of Eastern India with special reference to clinico-pathological findings and management : Panacea Journal of Medical Sciences 2025;15(3):648-652

Dr. Biswajit Mandal, DO, Medical Officer

- OPD , OTs and Emergency duty.
- UHTC and RHTC.
- Eye bank related work & Keratoplasty OT

Dr. Sonali Bhattacharya, DO, Medical Officer (retired on 30/11/25)

- OPD and Emergency duty.

DEPARTMENTAL NEWS

Achievements of Post -graduate Trainee

- **Dr. Ravi Prakash Pilania , MS PGT** (passed MS Exam 2025)
- **Dr. Imran Azeem, MS PGT** (passed MS Exam2025)

Dr. Sumit Kumar Das ,MS PGT

Dr. Manisha Chowdhury ,MS PGT

- OSWB presented a poster on Long term sequalae of ROP 2025
- Pk Chatterjee paper presentation -Long term sequalae of ROP 2025
- Participated in the annual OSWB quiz

Dr. Varun Parekh ,MS PGT

- Dr P.K. Chatterjee PGT Paper presentation 2025
- BCBR on 2025

Dr. Mamoni Saha , MS ,PGT

- AION- Poster presentation 2025
- Attended OSWB 2025
- Topic-A case of foreign body in the anterior chamber

Dr. Yogita , MS,PGT

- Attended GCP 2025

Achievements of Senior Residents

Dr. Minerva Mandal

- Attended OSWB 2025

Dr. Sirisha V R

- Attended KERACON 2025 WET LAB hands on training for LASIK and DMEK
- Attended OSWB 2025

Dr. Debaruna Ghosh

- AIOS-APAO, April 2025, New Delhi.
- Live@Trenetralaya, August 2025, Kolkata
- OPAIC, September 2025, Kolkata.
- E-poster : A case of Orbital Castleman's disease, AIOS-APAO 2025.
- Eye Trauma workshop, LVPEI Vijayawada, Jan 2025
- IFACE, LVPEI Hyderabad, Feb 2025
- EyeCAN, LVPEI Hyderabad, July 2025.
- Bhubaneshwar Cadaver Course, LVPEI Bhubaneshwar, December 2025

SERVICE INFORMATION:

Eye Bank is running in the 8th floor of the NEW OPD building.

Cornea grafting operation (Keratoplasty) & research is going on.

Low visual Aid is going on.

Retina Clinic and Vitreo-Retina Surgeries are going on .

PMOA Activities

- OPD, Refraction, low visual aids and Training to D –OPTO students.

Academic courses:

- **MS (Ophthalmology**) curriculum from the academic year 2020-21 has started and continuing.
- **D-Opto** curriculum continuing .

New Instruments and equipment are procured through the Institute

1. LUMERA 700 VR Microscope
2. centurion Vision System with active sentry phaco machine

3. Appa Phacoemulsification machine

SPECIAL PROGRAMS IN THE DEPARTMENT

- Observation of Cornea Donation an awareness Program on 05/09/2025, LT -4 ,Academic building .
- Observation of Glaucoma Fortnight week, Eye Department.

OUTREACH PROGRAMS:

- Doctors attended regularly the Rural Health Training Centre (RHTC) at Muchisa and Urban Health Training Centre (UHTC) at New Alipore.
- School Eye Screening programs were conducted with distribution of free spectacles in Schools by the PMOA.

SERVICE INFORMATION

Performance (up to 30.11.2025)

- OPD Patients - (New and Old 78639 up to Nov 25)
- Refraction – 23223
- Cataract operation - 3137 (M+F) up to Nov25
- Non-cataract operations-437
- Keratoplasty 20
- YAG Laser treatment (For post-cataract posterior capsular opacification) and for glaucoma(Peripheral iridectomy) 114
- Automated Perimetry - 392 (Including neuro-ophthalmological cases)
- OCT - 7612
- Glaucoma clinic (New & Old) - 1054
- ROP Screening: Total screening - 3197, Detected - 302, No. of babies Laser therapy done - 187, Anti VEGF -40.
- Green laser for Retina clinic- PRP -106
- Fundus camera with FFA .
- **H**ospital **C**ornea **R**etrieval **P**rogramme: Run by Sankara Nethralaya, Kolkata, Netrolok ,Taki and Netradarpan, Bhadreswar by permission from the Govt. of West Bengal, Dept. of Health & Family Welfare and in collaboration with SSKM Hospitals, Kolkata.

Specialized services available	Facilities available
• Vitreo-Retina Clinic • Glaucoma clinic • Cornea clinic • Pediatric Ophthalmology clinic • ROP clinic • Squint clinic • Neuro-ophthalmology clinic in association with Neuromedicine and Neurosurgery (BIN) • Oculoplasty clinic • Retina Surgery and Keratoplasty • Eye bank service round the clock (Eye retrieval and corneal transplantation) • Rare disease OPD • Disability	• Refraction under autorefractometer • Cataract surgery – SICS / Phacoemulsification (Rigid / Foldable) • Vitreoretinal surgery • Keratoplasty (cornea transplantation) • Pediatric cataract surgery • Squint surgery • Oculoplastic surgeries • Other Surgeries - Glaucoma ,Eye lid ,Anterior segments, DCR , DCT etc. • YAG Laser application For Post cataract posterior capsular opacification and for glaucoma iridotomy • ROP screening and treatment with Laser at SNCU, Dept of Neonatology at SNCU, Dept of Neonatology • Fundus Camera with FFA • Humphrey Visual Field Analyzer – serves both glaucoma clinic and Neuro-ophthalmology clinics • Heidelberg Tomograph (OCT) • Non-contact tonometer • LVA • Retinal Green LASER for vitreoretinal procedures • Specular microscope • USG B Scan

Institute of Otorhinolaryngology and Head & Neck Surgery

The **Institute of Otorhinolaryngology and Head & Neck Surgery: Centre of Excellence** was established on 3rd March 2020 as iconic and state of the art department at prestigious and historic IPGME&R/SSKM HOSPITAL and was **inaugurated by Hon'ble Chief Minister of West Bengal, Ms. Mamata Banerjee**.

Founding of this institute has made a paradigm shift in treatment of Ear, Nose and Throat diseases in the State of West Bengal and Eastern India as a whole.

- ⇒ 180 bedded indoor services for Otorhinolaryngology Surgery.
- ⇒ Specialized Trauma care for head and neck injuries.
- ⇒ First time in eastern India.
- ⇒ 24-hour ENT Emergency.

By providing the latest and quality treatment to large number of patients across all the strata of society it gives healing touch to the lives of thousands of patients, particularly poorest of the poor. The institute, which is **FIRST OF ITS KIND IN INDIA,** is gearing up with 180 beds with World Class Facilities free of cost. All General ENT treatments with state-of-the-art equipment, world class operation theatre, highly skilled surgeons and caring staff catering comprehensive treatment of Ear, Nose & Throat diseases under one roof. IORL-HNS has a state-of-the-art Modular Operation Theatre with latest microscope, camera, drill, LASER system to provide best result for our patients. IORL-HNS has five OT table to run five operations at the same time. This ensures large number of cases per day as well as shorter waiting period for patient admission. For Cochlear Implantation surgery we have a separate OT room to provide extra safety and sterility during surgery. This Specialized OT Complex has all the latest medical equipment for better results and to reduce complications even in most adverse situations. World class microscopes (Zeiss, Pentero 9000), Medtronic, NIM-3.0 Facial Nerve monitoring system, Medtronic Skeeter microdrill, CO2 LASER, anterior skull base navigation system and Storz spies (3-chip) camera system are the latest high-end equipment, which help us to operate with highest precision.

Otorhinolaryngology

FACULTY

1.	Dr. Bijan Basak (DLO, MS)	Professor and HOD
2.	Dr. Arunabha Sengupta (DLO, MS)	Professor
3.	Dr. Subhradeb Biswas (MS)	Professor
4.	Dr. Satadal Mondal (MS)	Associate Professor
5.	Dr. Debasish Ghosh (MS)	Associate Professor
6.	Dr. Soma Mondal (MS)	Associate Professor
7.	Dr. Amit Bikram Maity	Associate Professor
8.	Dr. Arindam Das (MS)	Assistant Professor
9.	Dr. Kaustuv Das Biswas (DLO, MS)	Assistant Professor
10.	Dr. Anindita Sengupta (MS)	Assistant Professor
11.	Dr. Siddhartha Kumar Das (MS)	Assistant Professor
12.	Dr. Alok Ranjan Mondal (MS)	Assistant Professor
13.	Dr. Saikat Samaddar (MS)	Assistant Professor
14.	Dr. Chiranjib Das (MS)	Assistant Professor
15.	Dr. Ankit Choudhary (MS., DNB)	Assistant Professor
16.	Dr. Sayan Hazra (MS., DNB)	Assistant Professor
17.	Dr. Nabanita Mondal (MS)	RMO cum Clinical Tutor
18.	Dr. Sripurna Mandal (MD Anaesthesia)	Visiting Consultant
19.	Dr. Shyama Bandopadhyay (MS)	MO Specialist
20.	Dr. Mainak Moitra (MS)	MO Specialist
21.	Dr. Kabir Hossein (MD Anaesthesia)	Assistant Professor

Senior Residents

- Dr. Namrata Chakraborty (MS)
- Dr. Titasa Pakira (MS, DNB, MRCS-ENT)
- Dr. Akash Mandal (MS)
- Dr. Sabrina Farheen (MS)
- Dr. Divya Daga (MS, MRCS-ENT)

Postgraduate trainees (MS ENT)

JR2 Session 2023-2026	**JR1** Session 2024-2027
Dr. Tharun Shankar	Dr. Sk. Nishan Ahmed
Dr. Vaskar Biswas	Dr. Islam A Ansari
Dr. Hirak Chowdhury	Dr. Anushka Sen
Dr. Faisal Ahmed	Dr. Sayan Pal
Dr. Srijata Mandal	Dr. Saunak Saha
Dr. Swarnabha Hazra	Dr. Samim Mondal
Dr. Sucheta Dey	Dr. Saptorshi Ghosh
Dr. Rupkatha Mondal	Dr. Purba Ghosh

SPECIALIZED SERVICES

OTOLOGY & NEUROTOLOGY
It is a super specialty division of Otorhinolaryngology (ENT) that specifically treat various types of ear and neural disorders. Starting from simple ear infections to complicated tumors of skull base.

Basic Otology- Long standing ear infection is one of the commonest ear diseases that lead to perforation of ear drum and hearing loss. Treatment may involve eardrops, antibiotics or surgery (Tympanoplasty, Mastoidectomy).

- Myringotomy + Grommet insertion
- Tympanoplasty
- Mastoidectomy
- Ossiculoplasty (OCR)

Stapes Surgery- Otosclerosis is a condition where the third bone of hearing does not move as well as it should. This causes conductive hearing loss. When hearing loss becomes more advanced, hearing aids or surgery may be effective treatment options. Stapedotomy is done to replace the smallest bone of the human body with micro prosthesis for these conditions. A successful surgery enables patient to hear again.

Cochlear Implantation- Cochlear Implant is probably one of the best inventions in the recent history of medical science for bilateral severe to profound hearing loss. A cochlear implant is an electronic device that stimulates residual nerve fibers in the inner ear. These electrical pulses are sent to the brain and interpreted as sound. While hearing aids and other assistive listening devices simply amplify sounds, a cochlear implant transforms speech and other sounds into electrical energy that is used to stimulate surviving auditory nerve fibers in the inner ear.

Statistics

- According to WHO Hearing Impairment (HI) in India is around 6.3%.
- 4 in every 1000 children suffer from severe to profound hearing loss.
- Our expert team of implant otologists has been involved in doing Cochlear Implantation since 2015 under various sponsored schemes like ADIP, State govt.
- Over 70 implantations have been done since then with high success rate.

Facial Nerve Decompression and grafting- Facial Nerve paralysis can occur as result of viral infection (Bell's Palsy), Head injury, ear and brain tumors. Prompt management in the form of conservative therapy with medicine or surgery (Facial Nerve decompression/ Nerve Grafting) is required to achieve good results.

Endoscopic Ear Surgery- institute of Otolaryngology is pioneering minimally invasive endoscopic ear surgery to fix various middle ear problems, such as ear drum perforations, Otosclerosis, hearing loss and cholesteatoma. Minimally invasive scar less surgical techniques have already gained huge popularity in the field of otology & neurotology. Today it is possible to treat ear diseases with the help of endoscope as day care basis. in expert hands these surgeries are painless, devoid of any major complications and reduce hospital stay for the patient.

Vertigo Clinic- institute of Otorhinolaryngology & HNS runs a separate VERTIGO clinic, to provide comprehensive evaluation and management for patients with dizziness and balance disorders.
Facilities-

- All relevant investigations at our audiovestibular lab, such as PTA, TDT, SISI, ABLB, ENG.
- Vestibular Rehabilitation Therapy
- Specialized exercise for BPPV (Epley's maneuver)

- 3 Tesla MRI

Lateral Skull Base Surgery- This encompasses surgery for acoustic neuromas, arachnoid cysts, neurofibromas via trans-labyrinthine approach. Subtotal Temporal Bone Resection is also performed for carcinomas.

RHINOLOGY

Functional Endoscopic Sinus Surgery- FESS is performed for various nasal pathologies such as polyposis, allergic fungal rhinosinusitis, inverted papilloma, etc.

Endoscopic CSF rhinorrhea repair- CSF rhinorrhea is leakage of CSF through nasal cavity. It has multiple etiologies. Repair is performed endoscopically without any external incision.

Endoscopic Trans-nasal Trans-sphenoidal Hypophysectomy- Endoscopic trans-sphenoidal pituitary excision is a minimally invasive procedure used to remove certain pituitary tumors that starts to grow inside pituitary gland giving rise to endocrine, visual and neurologic sequala. Our multi-disciplinary team consists of ENT surgeon, Neurosurgeon, Endocrinologist & ophthalmologist. It is much safer compared to open neurosurgery techniques. Post-operative recovery is rapid. complications are transient and minimal with very low morbidity and mortality.

Anterior Skull Base Surgery- Pituitary macroadenoma, olfactory groove meningioma, Sino nasal ossifying fibroma, craniopharyngioma, suprasellar arachnoid cyst can be accessed safely through this corridor. Endoscopic trans nasal anterior skull base surgery becoming popular for both benign and malignant skull base tumors. Reduced the need for extensive hybrid surgical approach to select cases only.

Sino-nasal tumors resection- Angiofibroma excision with pre-operative embolization

Surgery for malignancy-

Obstructive Sleep Apnea (OSA) management-

Infrastructure to manage cases of OSA-

- Sleep lab
- Sleep study machines
- Flexible endoscopes
- Carl Zeiss Microscope
- Karl Storz 3 chip HD Cameras
- HD video Monitors
- Laser Machines
- Coblation Machine

Protocol for OSA management-

1. Sleep study and calculation of AHI
2. Drug induced Sleep Endoscopy (DISE)
3. CPAP trial
4. Surgical Management- Uvulopalatopharyngoplasty, Z-plasty, Turbinoplasty, Septoplasty, Mandibular Advancement, Tongue Base Resection

Septoplasty and Turbinoplasty- performed for deviated nasal septum (DNS) and hypertrophied turbinates

Aesthetic Rhinoplasty- Each rhinoplasty operation unique and it is customized to the need and look of the patient.

Endoscopic Dacrocystorhinostomy (EndoDCR)- performed for epiphora

LARYNGOLOGY

Congenital diseases (Laryngomalacia, Laryngeal Web, Subglottic stenosis, Subglottic Hemangioma) treated by endoscopic excision by LASER and laryngofissure. inflammatory diseases and traumatic diseases of Larynx are also treated by Standard protocol. Benign and malignant diseases of larynx treated by microlaryngeal surgery, hemilargyngectomy, Supraglottic Laryngectomy, Near-Total Laryngectomy, Total Laryngectomy. Laser Therapy, Radiotherapy and Chemotherapy are also offered.

Speech therapy to re-educate voice production is also done at our institute.

HEAD AND NECK ONCOSURGERY
At the Institute of Otorhinolaryngology and Head Neck Surgery we have a dedicated Head Neck Surgery Department providing the best evidence based surgical care to patients with Head Neck Cancer–the only such dedicated dept in the state.

Oral cancer surgeries- Mid third facial defect reconstructed using Free Fibula Osteocutaneous Flap. Floor of mouth and tongue lesion resected and reconstructed using Pectoralis Major Flap and Reconstruction Plate. Sinonasal malignancy, Salivary gland surgery and Temporal Bone malignancy and Plastic reconstruction with stress on microvascular reconstruction, primarily in the HNS dept.

LASER SURGERY
Surgeries performed at IORL&HNS using CO2 Laser for Vocal Nodule, Vocal Polyp, T1 laryngeal carcinoma of Vocal cords, Keratosis larynx, and Posterior cordectomy for Abductor Vocal cord palsy, Laryngotracheal stenosis and laryngeal papillomatosis.

EMERGENCY SURGERY
Being the apex tertiary referral center of Eastern India, all the major life-saving emergency procedures are being done round-the-clock. Notable procedures include emergency Rigid Bronchoscopy, Rigid Esophagoscopy, and emergency tracheostomy. and all types of foreign body removal from ear, nose and throat, emergency trauma care surgery, etc.

Rigid Bronchoscopy for one of the most difficult emergency cases that any doctor may face is a choking patient or a patient who has inhaled an object into their lungs – EVERY SECOND COUNTS.

INDOOR PATIENT DATA

MONTH	MALE ADMISSIONS	FEMALE ADMISSIONS	MALE DEATHS	FEMALE DEATHS
2024				
DECEMBER	195	127	3	1
2025				
JANUARY	178	148	0	0
FEBRUARY	180	139	0	0
MARCH	190	127	0	0
APRIL	204	155	0	2
MAY	206	148	1	0
JUNE	183	150	1	0
JULY	181	174	2	0
AUGUST	175	138	0	0
SEPTEMBER	146	109	1	1
OCTOBER	183	145	1	0
NOVEMBER	176	149	0	0

Woodburn Admissions-
Total Male- 23
Total Female- 14

TOTAL OPD FOOTFALL

MONTH	OLD	NEW
December 2024	3916	8938
January 2025	3826	9049
February 2025	3608	8909
March 2025	3207	7970
April 2025	3621	9586
May 2025	4214	9694
June 2025	3639	8902
July 2025	4755	10569
August 2025	4736	9697
September 2025	4313	9653
October 2025	4307	9594
November 2025	4047	9113
TOTAL	48189	111674

TOTAL OT CASE COUNT

OTOLOGY	
Mastoidectomy & Tympanoplasty	898
Facial Nerve Decompression	29
Stapes surgery	53
Pre-auricular sinus	63
Cochlear Implant	25
Ear (Others)	78
RHINOLOGY	
Functional Endoscopic Sinus Surgery (FESS)	184
Endoscopic Dacryocystorhinostomy	27
CSF leak repair	31
Endoscopic Sphenopalatine Artery Ligation	12
Septo-rhinoplasty	176
Rhinosporidiosis mass excision	27
Juvenile Nasopharyngeal Angiofibroma and other nasopharyngeal mass excision	46
Endoscopic Transnasal Transphenoidal Hypophysectomy	38
Nose (Others)	184
HEAD AND NECK SURGERY	
Bronchoscopy	57
Esophagoscopy	343
Thyroid and thyroglossal duct surgery	284
Direct Laryngoscopy Biopsy/Microlaryngeal Surgery	491
Adenotonsillectomy	196
Total Laryngectomy	5
Submandibular gland excision	33
Parotidectomy	66
Oral cavity mass biopsy	167
Mandibulectomy	8
Wide local excision + Neck Dissection + Flap Reconstruction	31
Neck (Others)	283
TOTAL	3835

TEACHING ACTIVITY

The department is involved in Under & Post graduate teaching, which includes-

- Lectures
- Webinars
- Temporal bone & cadaver dissection
- Seminars,
- Journal clubs,
- CME programmes,
- Group discussions
- Clinical meetings
- Case Presentations

Regular Temporal Bone Dissection Workshops held regularly at IPGME&R and SSKM Hospital under NPPCD Programme.

State and National conferences as well as different workshop in the country are attended by teachers, students and Medical officers. 71 well organized CME and seminar were conducted in the department during the present year. Theoretical & clinical classes of MBBS students are also taken regularly as per Health University schedule.

ARTICLES PUBLISHED; WORKSHOPS & CONFERENCES ATTENDED

Dr. Arunabha Sengupta, Professor

1. Attended 76th Annual Conference of The Association of Otolaryngologist of India January 2025
2. Examiner for MS ENT & HNS exam in IPGMER & SSKM Hospital.
3. DNB Diploma examiner Centre IPGME&R, Department of ENT.
4. DNB Degree Examiner Centre IPGME&R, Department of ENT.
5. External examiner of MS exam of ENT of Agartala Medical College.
6. External examiner of MS exam of ENT of Guwahati Medical College.
7. "Endoscope assisted versus microscopic cochlear implantation–a double blinded randomized trial"- European Archives of Oto-Rhino-Laryngology
8. Head Neck Tuberculosis Amidst COVID Pandemic: An Assessment of Change in Disease Dynamics. Indian J Otolaryngol Head Neck Surg 77, 2857–2866 (2025).

Dr Bijan Basak, Professor & Head

1. Attended 76th Annual Conference of The Association of Otolaryngologist of India January 2025
2. Recognised as an Undergraduate and Postgraduate Teacher under West Bengal University of Health Sciences
3. DNB Diploma examiner Centre IPGME&R, Department of ENT.
4. DNB Degree Examiner Centre IPGME&R, Department of ENT.
5. Faculty At PG Orientation Program conducted by AOIWB, on 10 and 11 July, 2025
6. Publication: A comparative study of surgical management of Juvenile Nasopharyngeal Angiofibroma (upto Stage IIC) Endoscopic vs Open Approach

Dr Subhradeb Biswas, Professor

1. Recognised as an Undergraduate and Postgraduate Teacher under West Bengal University of Health Sciences
2. Konari AS, Sammadar S, Biswas S. Barriers to Timely Care: Understanding Delayed Health-Seeking Behavior in Chronic Otitis Media Patients in India. Ear, Nose & Throat Journal. 2025.
3. A Comparison of tympanometric outcomes following Type 1 Tympanoplasty versus Type 1 Tympanoplasty with cortical mastoidectomy, BJOHNS, Vol 33, April 2025

Dr. Satadal Mandal, Associate Professor.

- Recognised as an Undergraduate and Postgraduate Teacher under West Bengal University of Health Sciences

Dr. Debashis Ghosh, Associate Professor

- Recognised as an Undergraduate and Postgraduate Teacher under West Bengal University of Health Sciences
- Attended as faculty- 76th Annual Conference of The Association of Otolaryngologist of India January 2025
- Attended as faculty- 33rd Annual Conference of The Indian Society of Otology, October 2025
- Attended as faculty- Elite ENT Club 2025, Bangalore
- External examiner at IQ City Medical College, for 3rd Prof MBBS Exam (Supplementary)
- Head Neck Tuberculosis Amidst COVID Pandemic: An Assessment of Change in Disease Dynamics. Indian J Otolaryngol Head Neck Surg 77, 2857–2866 (2025).

Dr. Soma Mondal, Associate Professor

- Attended 76th Annual Conference of The Association of Otolaryngologist of India January 2025
- Attended 33rd Annual Conference of The Indian Society of Otology, October 2025
- Recognised as an Undergraduate and Postgraduate Teacher under West Bengal University of Health Sciences
- Publication: A comparative study of surgical management of Juvenile Nasopharyngeal Angiofibroma (upto Stage IIC) Endoscopic vs Open Approach

Dr. Amit Bikram Maiti, Associate Professor

- Recognised as an Undergraduate and Postgraduate Teacher under West Bengal University of Health Sciences.
- Maiti AB, Dutta M, Samaddar S, Bhattacharya Samaddar S, Dey U, Pradhan R. Effects of the Change in Respiratory Kinematics on the Singing Voice: Re-Visiting the Benefits of Diaphragmatic-Abdominal Breathing in Professional Singers with Problems in Pitch. Ear, Nose & Throat Journal, 2024 Dec.

Dr Anindita Sengupta, Assistant Professor

- Attended 76th Annual Conference of The Association of Otolaryngologist of India January 2025
- Attended 33rd Annual Conference of The Indian Society of Otology, October 2025
- Recognised as an Undergraduate Teacher under West Bengal University of Health Sciences.
- Publication: A comparative study of surgical management of Juvenile Nasopharyngeal Angiofibroma (upto Stage IIC) Endoscopic vs Open Approach

Dr. Alok Ranjan Mondal, Assistant Professor

- Recognised as an Undergraduate Teacher under West Bengal University of Health Sciences.

Dr. Arindam Das, Assistant Professor

Publication

- "Endoscope assisted versus microscopic cochlear implantation–a double blinded randomized trial"- European Archives of Oto-Rhino-Laryngology
- Potential of Transcanal Microscopic Approach in Management of Post-Traumatic Facial Nerve Palsy (House Brackmann Grade ≥ 5) - An Observational Study- Indian Journal of Otolaryngology and Head & Neck Surgery

Conference

- 41st Annual conference of IRHSA, SE Railway, Garden reach, 6th RAOICON & 1st RAALMCON - as an invited faculty: Lecture - "Endoscopic Ossiculoplasty: Techniques, Challenges & Results"
- ILLUMINATI Season 2- Workshop on Otology and Implantology - As an invited faculty Lecture - RADIOLOGY OF TEMPORAL BONE , ENDOSCOPIC EAR SURGERY - BASICS & POSSIBILITIES , REGENERATIVE MEDICINE IN EAR SURGERY .
- NESCON 2025 - 43rd NATIONAL CONFERENCE, 2025 - As an invited faculty Lecture - Tackling facial nerve injury in TM surgery , Endoscopes in C.I.
- SEOCON-2025- International conference - As an invited faculty
- 33rd Annual National Conference of the Indian Society of Otology (ISOCON 2025) - As an invited faculty
- Lecture - Endoscope-Assisted Cochlear Implantation: Enhancing Surgical Precision Tackling Facial Nerve Injury in Tympanomastoid Surgery
- Moderator - Symposium on "Management of Iatrogenic facial nerve injuries in Otological surgeries"
- Recognised as an Undergraduate Teacher under West Bengal University of Health Sciences.

Dr Kaustav Das Biswas, Assistant Professor

- Attended 76th Annual Conference of The Association of Otolaryngologist of India January 2025
- Recognised as an Undergraduate Teacher under West Bengal University of Health Sciences.
- Attended Larynx East 2025, held at VIMS on 27-28 June, 2025
- Publication: A comparative study of surgical management of Juvenile Nasopharyngeal Angiofibroma (upto Stage IIC) Endoscopic vs Open Approach

Dr. Siddhartha Kumar Das, Assistant Professor

1. Attended 33rd Annual Conference of The Indian Society of Otology, October 2025
2. Attended NESCON 2025 - 43rd NATIONAL CONFERENCE, 2025
3. Recognised as an Undergraduate Teacher under West Bengal University of Health Sciences.
4. Attended Larynx East 2025, held at VIMS on 27-28 June, 2025

Dr Saikat Samaddar, Assistant Professor

Publications-

1. Samaddar, S., Maitra, M., Ghosh, D. et al. Head Neck Tuberculosis Amidst COVID Pandemic: An Assessment of Change in Disease Dynamics.Indian J Otolaryngol Head Neck Surg 77, 2857–2866 (2025).
2. Quantifying the Burden: Health Related Quality of Life, Health Index, and Quality Adjusted Life Year Modelling in patients with Vertigo, Dizziness and Imbalance. Dr. Saikat Samaddar, Department of ENT and HNS. IPGME&R, SSKMH- Principal Investigator. Project approved by MRU, IPGME&R, SSKMH.
3. Reviewer for the publication- Di X, He T, Zhou Y, Li X, Feng J, Su C and Bai P (2025) Global trends and hotspots in research for sudden hearing loss over the past two decades: a bibliometric and visualization analysis. Front. Neurol. 16:1561326. doi: 10.3389/fneur.2025.1561326
4. Konari AS, Sammadar S, Biswas S. Barriers to Timely Care: Understanding Delayed Health-Seeking Behavior in Chronic Otitis Media Patients in India. Ear, Nose & Throat Journal. 2025;0(0).
5. Maiti AB, Dutta M, Samaddar S, Bhattacharya Samaddar S, Dey U, Pradhan R. Effects of the Change in Respiratory Kinematics on the Singing Voice: Re-Visiting the Benefits of Diaphragmatic-Abdominal Breathing in Professional Singers with Problems in Pitch. Ear, Nose & Throat Journal. 2024 Dec 9:01455613241305984.

Reviewer in Journals

1 Frontiers in Neurology, ISSN-1664-2295
2 Egyptian Journal of Otolaryngology, ISSN 2090-8539
3 EAR NOSE AND THROAT Journal, ISSN- 0145-5613
4 Indian Journal of Otolaryngology and Head Neck Surgery, ISSN 2231-3796
5 Bengal Journal of Otolaryngology and Head Neck Surgery, ISSN 2395-2393

Skill developmental programs attended

- Certificate course in Assessment and Management of Vertigo and Balance Disorder (Neurotology) from Yenepoya University. March-June 2024
- Hands on Training in Lateral Skull Base Surgery- Trustwell Hospital, Bangalore 2024.
- Awarded First for Best E- Poster at 43rd NESCON, 2025.
- Awarded First for Best Video Presentation at 43rd NESCON, 2025.

Academic activities

- Examiner 3rd Professional MBBS Examination 2024 WBUHS, Deben Mahata Govt MCH
- Panelist- Otology Symposium at ENT Conclave 2025, Novotel Kolkata.
- Presented E poster, Video and Consultant Category Podium Presentation at 43rd NESCON 2025, Novotel Kolkata in August 2025.
- ENT Nodal Coordinator for Under Graduate Final MBBS Clinical Revision Blueprint -ENT Session Organised at IPGME&R, SSKMH, Kolkata in July 2025.
- Faculty PG Orientation Program 2025, an initiative of AOI and AOIWB, held at KPC MCH, Kolkata on 10th and 11th July, 2025.
- Organised Expert Meet at Department of ENT, IPGME&R, SSKMH- An interactive session with Prof (Dr) Biman Kanti Roy, Neurologist.
- Attended- Finesse in Otology 2, Live Surgical Workshop, organised by Dr H Vijayendra at Bengaluru, India on April, 2025.
- Instructor in the 17th Dr S M Sen and Dr Tarun Palit Temporal Bone Dissection Competition organised by AOIWB on 12th April 2025.
- Recognised as an Undergraduate Teacher under West Bengal University of Health Sciences.

Dr. Chiranjib Das, Assistant Professor

- Faculty At PG Orientation Program conducted by AOIWB, on 10 and 11 July, 2025
- Recognised as an Undergraduate Teacher under West Bengal University of Health Sciences.

Dr. Sayan Hazra, Assistant Professor

- "Endoscope assisted versus microscopic cochlear implantation–a double blinded randomized trial"- European Archives of Oto-Rhino-Laryngology
- Potential of Transcanal Microscopic Approach in Management of Post-Traumatic Facial Nerve Palsy (House Brackmann Grade ≥ 5) - An Observational Study- Indian Journal of Otolaryngology and Head & Neck Surgery
- Attended 33rd Annual Conference of The Indian Society of Otology, October 2025
- Recognised as an Undergraduate Teacher under West Bengal University of Health Sciences.
- Attended NESCON 2025 - 43rd NATIONAL CONFERENCE, 2025

Dr. Ankit Choudhary, Assistant Professor

- "Endoscope assisted versus microscopic cochlear implantation–a double blinded randomized trial"- European Archives of Oto-Rhino-Laryngology
- Attended 33rd Annual Conference of The Indian Society of Otology, October 2025
- Recognised as an Undergraduate Teacher under West Bengal University of Health Sciences.
- Attended NESCON 2025 - 43rd NATIONAL CONFERENCE, 2025

Student Activities:

Ongoing thesis

1. A Study on Outcome of Ossiculoplasty in Limited Attic Disease with Ossicular Erosion by Tharun Shankar S
2. A Study on The Correlation Between HRCT Temporal Bone with Clinical Presentation and Operative Findings in Cases of Chronic Otitis Media by Dr Rupkatha Mondal
3. Surgical treatment of benign vocal fold lesions -CO2 laser versus cold steel, A comparative study by Srijata Mandal
4. "A Comparative Study on Effect of Septoplasty with or without Turbinoplasty on The Symptom Profile in Patients with DNS and inferior Turbinate Hypertrophy" -by Dr Faisal Ahmed
5. Study on radiological and clinical correlation with Adenoid facies and stages of Adenoid hypertrophy. By Dr. Vaskar Biswas.
6. Evaluation of reshaped floor cartilage as an alternative to synthetic partial ossicular replacement prosthesis in ossiculoplasty during modified radical mastoidectomy - by Dr Sucheta Dey
7. Study on the correlation between various types of deviated nasal septum with nasal obstruction symptoms and associated symptoms and its severity. By Dr. Hirak Chowdhury
8. A study of surgical outcomes in Chronic suppurative otitis media tubotympanic [mucosal] disease treated with myringoplasty / cortical Mastoidectomy with type 1 Tympanoplasty. By Dr Swarnabha Hazra
9. A Study on correlation between Audiological AB gap and thin slice HRCT Temporal bone for preoperative diagnosis of ossicular erosion in cases of COM Dr Purba Ghosh
10. Impact of platelet rich plasma therapy in Tympanoplasty Type 1 surgery on graft survival and hearing outcomes in Patients with tympanic membrane perforation due to Chronic otitis media by Dr Saptorshi Ghosh
11. A Comparative Study of the Effectiveness of Myringotomy alone and Myringotomy combined with Eustachian Tube Balloon Dilatation(ETBD) as an Intervention for Chronic Eustachian Tube Dysfunction by Dr Anushka Sen
12. Comparative study on clinical effectiveness of septoplasty with medical management for nasal airways obstruction in adults with Deviated Nasal Septum by Dr Islam Ahmed Ansari
13. Correlation of perioperative serum phosphorus on serum calcium i n patients undergoing Thyroidectomy by Dr. Samim Mondal
14. An ambispective cohort study to assess the determinants of poor surgical outcome in type 1 tympanoplasty in a Tertiary care center. By Dr. Saunak Saha
15. Comparative study of cartilage ossicular reconstruction in chronic otitis media patient with and without stapes superstructure. By Dr. Sk. Md Nishan
16. Assessment of pain score in cold and hot method of tonsillectomy: a comparative study, by Dr Sayan Pal.

DIVISION OF COMMUNICATION SCIENCE AND DISORDERS (AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY UNIT)

Clinician or clinical team members:

Sl. No	Name	Qualification
01.	Dipanwita Roy	BASLP (Kol, WBUHS); MASLP (Kol, WBUHS); Trained in pre and post Laryngectomy rehabilitation; ACORD Fellowship (Australia); Audiologist and Speech Language Pathologist
02.	Jahidul Khan	BASLP (Kol, WBUHS); MASLP (Kol, WBUHS); Audiologist and Speech Language Pathologist
03.	Goutam Polley	BASLP (CU); MASLP (Kol, WBUHS); Audiologist and Speech Language Pathologist
04.	Sujata Mulia	BASLP (Kol, WBUHS); MASLP (Kol, WBUHS)
05.	Sushmita Biswas	BASLP (Kol, WBUHS); MASLP (Kol, WBUHS)

(BASLP= Bachelor in audiology and speech language pathology; MASLP= Masters in audiology and speech language pathology)

The division of communication sciences and disorders (audiology and speech language pathology) started functioning in new way from 20th march, 2020 with an objective to:

- Conduct state-of-the-art basic, translational, and clinical research in the areas of speech, language, hearing, swallowing and balance.
- Offer accessible, culturally competent, evidence-based clinical care for all people with disorders in communication, balance and swallowing.
- Engage in different activities that directly benefit professional colleagues, students, and individuals and their families in the community.
- Promote a welcoming and open environment where all can learn and engage.
- Enhance the core values of the Division of Communication Sciences and Disorders are caring, collaboration, compassion, connectedness, and family.

An estimated 1 in 6 individuals suffer from communication impairment in their lifetime. Audiologist and speech Language Pathologist is an integral part in the multidisciplinary team in assessment, treatment and rehabilitation of person with communication disorders. They identify, prevent, evaluate and treat individuals with communication disorders. Hence we have started different specialty clinic at Institute of Otorhinolaryngology and Head and Neck Surgery (Centre of Excellence).

Different clinical activities under communication sciences and disorders:

Infant Hearing Clinic:
It is important to identify hearing loss as early as possible because babies start learning how to use sound as soon as they are born. Listening in the first months of life prepares babies to speak. These early steps are building blocks for communication. Institute of Otolaryngology and Head & Neck Surgery is realizing the importance of screening in the first days of a baby's life. As a result, Infant hearing clinic have started and participate in hearing screening programs, such as Universal Newborn Hearing Screening (UNHS).

Diagnostic Audiology Clinic:
Hearing loss is typically a slow insidious process. Many people with hearing loss are unsure of the severity of the problem. Our clinic is designed to perform comprehensive hearing evaluations using state of the art equipment and techniques.

Balance and vestibular Rehabilitation Clinic:
Assessment of the vestibular system includes administration and interpretation of behavioral and electrophysiological tests of equilibrium. Evaluations may incorporate clinical and electrophysiological tests of vestibular and extravestibular (vision and somatosensory) systems.

Occupational Audiology Clinic:

Employees from occupational hearing conservation programs often do not get the expected and needed type of evaluation, diagnosis or treatment in India. We for the first time in India provide services to both industrial employees and individuals who want to protect and seek services regarding noise induced hearing loss.

Interventional Audiology Clinic:
It focuses on preventing and treating hearing loss before it becomes a barrier to other treatments or leads to other health co-morbidities. Interventional Audiology focuses on detecting and treating medical conditions that may lead to or exacerbate other conditions, with the ultimate goal of promoting a healthier lifestyle.

Cochlear Implant Rehabilitation Clinic:
While the cochlear implant provides access to sound, understanding takes more than just hearing. Intensive individualized habilitation (intervention for patients who has never heard before) and rehabilitation (intervention for patients who are learning to hear again) allows for optimal gains for all recipients. Our rehabilitation team consists of highly trained speech language pathologists. A unique rehabilitative and patient-centered focus allows for collaboration among the recipient, family, speech language pathologist, doctor, audiologist, and other professionals to establish a path to success. Our multi-disciplinary team shares a commitment to providing a complete network of services to help each of our patients use their cochlear implant(s) to achieve their greatest potential.

Paediatric Speech and Language Disorders Clinic:
Speech Language Pathologists have expertise in the assessment, differential diagnosis and treatment of preschool and school aged children presenting with a varied, and often complex, range of speech, language, social–pragmatic and language-literacy issues.
Speech Language Pathologist assess and treat preschool or school aged children presenting with:

- Delayed early language development or "late talkers"
- Unclear speech, articulation delay or dyspraxia
- Comprehension difficulties
- Language delay or disorder
- Pragmatic (conversational) and play/social issues
- Attention and listening difficulties
- Stuttering
- Developmental delay or disorder
- Autism Spectrum Disorder
- Language based learning and literacy issues.
- Cleft Lip and Palate

Adult Neuro-Communication Disorders Clinic:
Acquired neurogenic communication disorders are caused by damage to the central or peripheral nervous system. People with these disorders at one time had normal communication abilities. The difficulties may come suddenly after an acute event or appear gradually as part of a progressive disorder. Some of the causes include stroke, dementia, Parkinson's disease, Lou Gehrig's disease, tumour, and traumatic brain injury. Speech and communication abilities are sensitive indicators of neurological problems and one of first places where neurologic problems are noticeable.

We provide services for adult outpatients and inpatients that are experiencing communication difficulties associated with:

- Aphasia
- Apraxia
- Dysarthria

We also provide services for adult outpatients with cognitive-communication disorders resulting from:

- Concussion/Mild Traumatic Brain Injury
- Dementia/Mild Cognitive Impairment
- Right Hemisphere Disorder
- Traumatic Brain Injury

Our services include:

- Comprehensive evaluations of communication and cognition
- Individualized, evidence-based treatment programs
- Patient and family counselling and education
- Consultations and in-service programs
- Group and individual therapy

Dysphagia Clinic:
Speech Pathologist helps to assess and manage dysphagia in order to prevent aspiration pneumonia and improve quality of life for people with swallowing difficulties.
The assessment includes:

- Understanding what medical conditions the individual presents with and how they may affect swallowing
- Assessing the strength and movement of the muscles involved in swallowing
- Observing posture, feeding behaviour and swallowing movements during eating and drinking
- If required, perform further assessments to evaluate swallowing, such as
  - Videofluoroscopy (VFS) – an assessment where the swallowing process is viewed on X-ray while the individual eats or drinks food or liquid coated with barium.
  - Flexible endoscopic examination of swallow (FEES) – a flexible scope with a tiny camera is inserted through the nose to observe the swallowing process

Voice Clinic:
Our multidisciplinary team includes otolaryngologists, speech-language pathologists and other medical professionals with specializations in care related to disorders of voice, resonance, breathing, swallowing and head and neck cancer. Voice Clinic provides comprehensive and state-of-the-art services for patients of all ages using computerised speech lab (CSL), stroboscope and nasometer.

Augmentative and Alternative Communication Clinic:
Augmentative and Alternative Communication (AAC) refers to communication methods that supplement or replace speech or writing. The Augmentative and Alternative Communication Clinic at Institute of Otolaryngology and Head & Neck Surgery provides comprehensive, state-of-the-art evaluation and treatment for children and adults whose speech or expressive language is either severely or profoundly impaired.

Clinical Services Summery of division of Communication Sciences and Disorders (Audiology and Speech Language Pathology): December 2024 to November 2025

Number of Audiological Assessment Done:

PTA*	IA*	OAE & Sc. BERA	Diag* BERA	ENG*	Special Test*	HA Counselling	CI Mapping	NRT	TRT	VRT	Total
6286	4314	6936	2325	243	125	6732	489	52	32	0	27534

(PTA= Pure tone Audiometry; IA= Impedance Audiometry including Reflexometry; OAE= Otoacoustic Emission; HA= Hearing Aid; CI= Cochlear Implant TRT= Tinnitus Retraining Therapy; VRT= Vestibular Rehabilitation Therapy; NRT= Neural Response Telemetry)
*Under PPP unit

Number of Speech, Language and Swallowing Assessment Done:

CCD	Vo.D	ANCD	Flu. D	Swa.D (B)	Swa.D (Cl.)	MBS	Art. D	AVT Asst	FEES	Strob-oscopy	Total
4520	**2323**	**903**	**622**	**34**	**1505**	**00**	**453**	**523**	**432**	**3392**	**14707**

(CCD= Childhood Communication Disorders; VD= Voice Disorders; ANCD= Adult Neuro Communication Disorders; Vo.D= Voice Disorders; Flu.D= Fluency Disorders; Swa. D (B) =Swallowing Disorders (Bedside); Swa. D (Cl.) =Swallowing Disorders (Clinical); MBS= Modified Barium Swallow; Art.D= Articulation Disorders; FEES= Flexible Endoscopic Evaluation of Swallowing; AVT= Auditory Verbal Therapy)

Number of Speech, Language and Swallowing Intervention Done

CCD	Vo.D	ANCD	Flu.D	Swallowing Disorders (Bedside)	Swallowing Disorders (Clinical)	Modified Barium Swallow	Articulation Disorders	AVT	Total
7292	**4385**	**1235**	**1102**	**69**	**1594**	**0**	**462**	**3829**	**19968**

Total Services under communication sciences and disorders (From 01-12-2024 to 30-11-2025): 27534+14707+19968=62209

Psychometry done

Clinical Psychologist: Satanjaya Bhattacharya; M.Phil (RCI); Research Scholar (CU)

Month	Number
December 2024	15
January,2025	21
February,2025	15
March,2025	26
April, 2025	19
May, 2025	15
June, 2025	23
July, 2025	9
August, 2025	14
September, 2025	11
October, 2025	8
November 2025	25

list of advanced surgical instruments in ENT Main OT

- CO_2 laser with fiberoptic carrier and micromanipulator
- Navigation system
- Intra-operative Nerve Monitoring System
- Skeeter drill
- PENTEX advanced microscope
- Microdebrider
- Coblation device
- Harmonic scalpel
- Microdrill set with micromotor and burr set

List of instruments in OPD complex & diagnostics

- Audiovestibular laboratory equipped with Audiometer, Tympanometer, ENG, BERA, OAE machine
- Fiberoptic laryngoscopy/ nasopharyngoscopy with monitor in minor OT complex attached to ENT OPD
- Flexible fiberoptic Bronchoscopy
- Diagnostic and operative ENT microscope
- Videostroboscopy
- Flexible Endoscopic Evaluation of Swallowing (FEES) System

Head & Neck Surgery

The Department of Head & Neck Surgery at the Institute of Otorhinolaryngology and Head & Neck Surgery (IORL-HNS), Centre of Excellence, continues to deliver comprehensive and advanced care to patients with head and neck diseases and cancers. Building upon the achievements of 2024, the year **2025** witnessed significant expansion in clinical services, research productivity, surgical excellence, and academic activities. A dedicated specialized dept of Head & Neck Surgery consisting of Ward & OT on Eastern wing of 5th floor of Chest & Cancer Block was inaugurated on **12th February 2025** and the ward was translocated to this wing in last week of April. The OT was relocated to Eastern wing on from **01st September 2025**.

FACULTY

1.	Dr. Arunabha Sengupta (DLO, MS)	Professor
2.	Dr. Animesh Ghosh (MS)	HOD & Associate Professor
3.	Dr. Pranay Kumar Agarwal (MS)	Assistant Professor
4.	Dr. Poulomi Saha (MS)	Assistant Professor
5.	Dr. Nirmalya Samanta (MCh)	Assistant Professor
6.	Dr. Sourav Datta	Honorary Consultant

Postdoctoral Trainees (MCh Head & Neck Surgery)

2023-26	2024-27
Dr. Subhadeep Karanjai	Dr. Shailendra Gautam
Dr. Prikshit	Dr. Saadhya Shukla
Dr. Dube Yashaswi Abhilashchandra	Dr. Sourav Banerjee
Dr. Ramanathan R	Dr. Surbhi

Major Clinical Services Rendered in 2025

The year 2025 marked a significant expansion of the department's clinical capabilities, service delivery efficiency, integration of technology, and multidisciplinary management. The following are the key services rendered:

Comprehensive Head & Neck Cancer Services

- Weekly **Multidisciplinary Tumor Board** involving ENT, Oncology, Radiology, Pathology, Radiation Oncology.
- Personalized treatment planning following NCCN & FHNO guidelines.
- Organ-preservation protocols for laryngeal and hypopharyngeal cancers using TLM & chemoradiation.
- Early detection initiatives for oral precancer screening in collaboration with community outreach.

Advanced Reconstructive Surgery Services

- Microvascular free-flap reconstruction: **Fibula, Anterolateral Thigh (ALT), Radial Forearm**.
- Pedicled flap reconstruction: **PMMC, DP Flaps, Submental flap, Nasolabial flap**
- Introduction of flap monitoring protocols using handheld Doppler and color Doppler surveillance.

Thyroid & Endocrine Surgery

- Increased number of thyroid surgeries including TT, NTT, HT, TT+ND.
- Introduction of **Intraoperative Nerve Monitoring (IONM)** for RLN preservation.
- Dedicated postoperative hypocalcemia monitoring and early rehabilitation protocol.
- Parathyroid autotransplantation performed in select cases.

Airway, Laryngeal & Voice Services

- Transoral LASER microsurgery (TLM) for early glottic cancers.
- Laryngotracheal stenosis evaluation & reconstruction.
- Dedicated **Voice Clinic** ensuring pre- and post-operative voice rehabilitation.
- FEES-based dysphagia assessment for high-risk oncology patients.

Minimally Invasive & Endoscopic Surgeries

- Endoscopic biopsy and tumor debulking in selected supraglottic lesions.
- Endoscopic assisted parapharyngeal space approaches.
- Integration of navigation system for complex skull-base tumors.

Head & Neck Trauma Services

- Round-the-clock management of maxillofacial fractures, laryngeal injury, penetrating neck trauma.
- Emergency securing of airway using conventional and fiberoptic-guided techniques.
- Early definitive reconstruction for optimized functional recovery.

Emergency Services

- 24×7 availability of consultants for airway compromise, bleeding tumors, foreign body removal.
- Emergency tracheostomy services (adult & pediatric).
- Rigid bronchoscopy & esophagoscopy for foreign body removal.
- Immediate trauma resuscitation in coordination with neurosurgery & general surgery.

Diagnostic & Imaging Support

- Routine use of **CECT**, **MRI**, **PET-CT** for staging.
- Chairside fiberoptic laryngoscopy & diagnostic endoscopy.
- Ultrasound-guided FNAC for thyroid, neck mass & salivary pathologies.
- Digital record-keeping for endoscopy & stroboscopy findings.

Multidisciplinary Rehabilitation Services

- Regular postoperative rehabilitation for swallowing, speech & voice.
- Initiation of laryngectomy rehabilitation with electrolarynx and TEP training.
- Physiotherapy integration for shoulder dysfunction in neck dissection patients.

Pain & Palliative Oncology Support

- Weekly pain clinic for advanced cancer patients.
- Palliative care support with opioid titration & symptom management.
- Counseling for patients undergoing high-morbidity surgeries.

Community & Preventive Services

- Tobacco cessation counseling integrated with OPD.
- Public awareness programs for early detection of head and neck cancer.

INDOOR PATIENT DATA

	Admission		Discharge		Death	
	Male	Female	Male	Female	Male	Female
December 2024	12	06	11	07	-	-
January 2025	14	08	12	09	-	-
February 2025	12	09	11	07	-	-
March 2025	15	08	14	09	-	-
April 2025	14	06	11	08	-	-
May 2025	13	07	12	04	01	-
June 2025	13	03	10	06	-	-
July 2025	15	07	12	07	-	-
August 2025	15	07	11	06	01	-
September 2025	17	06	17	11	-	-
October 2025	25	10	12	08	-	01
November 2025	23	07	21	09	01	-

TOTAL OPD FOOTFALL

Month	New Cases	Old Cases
December 2024	289	143
January 2025	245	161
February 2025	274	139
March 2025	284	125
April 2025	309	139
May 2025	254	139
June 2025	318	189
July 2025	286	171

August 2025	315	136
September 2025	343	157
October 2025	196	120
November 2025	361	151

TOTAL OT CASE COUNT

SN	Procedure	Count
1	Direct Laryngoscopy	26
2	Thyroidectomy (all types)	16
3	Parotidectomy (all types)	07
4	Wide local excision + Mandibulectomy (all types) + Neck Dissection + Reconstruction with Regional/Free Flap	38
5	Bite Composite Resection + Neck Dissection + Reconstruction with Regional/Free Flap	33
6	Wide local excision of Buccal Mucosa + Neck Dissection + Reconstruction with Local/Regional Flap	08
7	Glossectomy (all types)+ Neck Dissection + Reconstruction with Local/Regional/Free Flap	40
8	Upper Alveolectomy	03
9	Submandibular gland excision	05
10	Total Laryngectomy + Neck Dissection	06
11	Lymphangioma excision	01
12	Maxillectomy (all types)	03

TEACHING ACTIVITIES

The department is involved in MCh students teaching programs, which includes-

- Lectures
- Webinars
- Seminars
- Journal clubs
- CME programs
- Group discussions
- Clinical meetings
- Case Presentations

State and National conferences as well as different workshop in the country are attended by teachers and students with students presenting papers and posters under the guidance of faculty members.

ARTICLES PUBLISHED; WORKSHOPS & CONFERENCES ATTENDED

1) Dr. Arunabha Sengupta, Professor

Publications

- "Endoscope assisted versus microscopic cochlear implantation–a double blinded randomized trial"- European Archives of Oto-Rhino-Laryngology
- Head Neck Tuberculosis Amidst COVID Pandemic: An Assessment of Change in Disease Dynamics. Indian J Otolaryngol Head Neck Surg 77, 2857–2866 (2025).

Conferences, Workshops & Seminars Attended

- Attended 76th Annual Conference of The Association of Otolaryngologist of India January 2025
- Examiner for MS ENT & HNS exam in IPGMER & SSKM Hospital.
- DNB Diploma examiner Centre IPGME&R, Department of ENT.
- DNB Degree Examiner Centre IPGME&R, Department of ENT.
- External examiner of MS exam of ENT of Agartala Medical College.
- External examiner of MS exam of ENT of Guwahati Medical College.

2) Dr. Animesh Ghosh, Associate Professor & HOD

Publications

- Temporal and Spatial Analysis of Oral Cancer Incidence and Mortality in an Eastern Indian State. International Journal of Pharmaceutical Quality Assurance, 2025; 11(3): 112–1122.

- Pattern of eczematous and psychodermatological disorders in the geriatric population: clinical insights from a tertiary care hospital. SSR Institute of International Journal of Life Sciences, ISSN(O):2581-8740

Conferences, Workshops & Seminars Attended

- Orient gurukul, 23rd march'25....faculty presentation.
- AOI post graduates teaching program.16th july'25... faculty teacher
- Head and neck surgical workshop, Manipal hospital, 26th july'25...faculty presentation.
- MID-AOIWBCON.... AIIMS, Kalyani. 17th aug'25....live surgical demonstration as faculty
- West Bengal head and neck society annual conference...22nd nov'25...panelist.
- Recurrent head and neck cancer conference, Tata medical Centre, 7th Dec'25. panelist.

3) Dr. Pranay Kumar Agarwal, Assistant Professor

- November 2025- Delegate at West Bengal Head & Neck Society Annual Meet 2025 at Kolkata.

4) Dr. Poulomi Saha, Assistant Professor

Publications

- • Demographic Profile of Head and Neck Cancer Patients (Excluding Thyroid Cancer): A
- single-institution study from a tertiary center in Eastern India. International Journal of
- Pharmaceutical Quality Assurance, 2025; 16(8): 445–450.
- • Incidence of Venous Thromboembolism in Free-Flap Cases in Head & Neck Cancer: A tertiary institution-based study from Eastern India. European Journal of Cardiovascular Medicine, 2025; 15(8): 812–816.
- • Temporal and Spatial Analysis of Oral Cancer Incidence and Mortality in an Eastern Indian State. International Journal of Pharmaceutical Quality Assurance, 2025; 11(3): 112–1122.

Conferences, Workshops & Seminars Attended

- • Panelist at the West Bengal Head & Neck Society Annual Meet 2025.
- • Panelist at the Conference on Recurrent Head & Neck Cancer, Tata Medical Centre, 2025.
- • Attended the AO-CMF Seminar on Advanced Oral and Head & Neck Cancer (virtual).

5) Dr. Nirmalya Samanta, Assistant Professor

- March 2025- Delegate at International Head & Neck Course at AIIMS, New Delhi.
- November 2025- Delegate at West Bengal Head & Neck Society Annual Meet 2025 at Kolkata.

STUDENT ACTIVITIES: Ongoing Thesis

1. To determine the pattern of nodal metastasis and factors affecting it in differentiated thyroid cancer by Dr Prikshit
2. Role of intra operative nerve monitoring in parotid surgery by Dr Ramanathan R
3. Perforating patterns of cutaneous perforator vessels in Anterolateral thigh flaps for Head and Neck Reconstruction and clinical outcomes by Dr. Dube Yashaswi Abhilashchandra
4. Patient reported outcome measures in patients with oral cancer treated with surgery and reconstruction by Dr. Subhadeep Karanjai

LIST OF ADVANCED SURGICAL INSTRUMENTS IN HNS MAIN OT

1. Anesthesia Workstation- 2	10. Suction Machine- 12	19. Plasma Sterilizer- 1
2. Multipara Monitor- 4	11. CBG Monitor- 1	20. Autoclave Machine- 2
3. OT table- 2	12. Surgical Microscope- 1	21. Patient Monitor for recovery- 2
4. OT lights- 3	13. Fogger Machine-2	22. Light source- 2
5. 2 Diathermy Machine- 2	14. Doppler Machine- 1	23. Fluid Warmer- 1
6. AMBU scope-3	15. Tourniquet Machine- 1	24. Micro Motor- 1
7. AMBU monitor- 1	16. Micro Reciprocating Saw- 1	25. Cardiac Output Monitor- 1
8. Nebulizer Machine- 1	17. I Stat- 1	26. Video Laryngoscope with Disposable Blades-1
9. Patient Warmer- 2	18. Vaporizer- 5	

Conclusion

The Department continues its commitment to excellence in clinical care, academic leadership, research, and innovation. The year 2025 stands as a testament to the department's dedication to patient-centric, evidence-based practice and its growing recognition as a premier center for comprehensive head & neck care.

Orthopedics

FACULTY

NAME	QUALIFICATION	DESIGNATION
Dr. Tanmay Datta	MBBS, MS, DNB, MNAMS	Professor & Head
Dr. Mukul Bhattacharyya	MBBS, MS	Professor
Dr. Dibyendu Biswas	MBBS, MS	Professor
Dr. Prasun Mandal	MBBS, MS	Professor
Dr. Abir Kumar Ghosh	MBBS, MS	Associate Professor
Dr. Pranjal Sarkar	MBBS, MS	Associate Professor
Dr. Avijit Basak	MBBS, MS	Assistant Professor
Dr. Debajyoti Sarkar	MBBS, MS	Assistant Professor
Dr. Bhaskar Sen	MBBS, MS	Assistant Professor
Dr. Supriya Sarkar	MBBS, MS	Assistant Professor
Dr. Ariful Islam	MBBS, MS	Assistant Professor
Dr. Nanigopal Das	MBBS	RMO

SENIOR RESIDENTS

NAME	QUALIFICATION
Dr. Rajesh Kumar	MBBS, MS
Dr. Saptadeep Das	MBBS, DNB
Dr. Indraneel De	MBBS, MS
Dr. Debdeep Karak	MBBS, MS
Dr. Imran Khan	MBBS, MS
Dr. Aniket Sett	MBBS, MS
Dr. Anuvab Goswami	MBBS, MS
Dr. Sourav Das	MBBS, MS
Dr. Zohaib Ahmed	MBBS, MS
Dr. Rishov Hazra	MBBS, MS
Dr. Tonmoy Mahato	MBBS, MS

JUNIOR RESIDENTS (MS Orthopedics PGTS)

3rd Year (2022—2025)	2nd Year (2023—2026)	1st Year (2024—2027)
Dr. Paribaha Mukhopadhyay Dr. Soumik Chowdhury Dr. Pritam Rahaman Dr. Manik Roy Dr. Sunny Patra Dr. Kiranmoy Ghosh Dr. Subhajit Mukherjee Dr. Soumyadip Sarkar Dr. Saurabh Chandra Dr. Surojit Ghosh Dr. Shouvik Bardhan Dr. Souvik Dutta Dr. Debjit Mandal Dr. Subhadip Pal Dr. Biswajit Kr. Brahma	Dr. Aaryan Barnwal Dr. Sourav Kumar Dutta Dr. Hasan Muztaba Dr. Swarnava Roy Dr. Manik Sing Dr. Sankha Shubhra Roy Dr. Akashdip Manna Dr. Sankhadip Saha Dr. Protan Kumar Bhowmik Dr. Pratik Kumar Singh Dr. Shreus Taraphdar Dr. Swarnabha Nandi Dr. Pavel Ranjan Ojha Dr. Subrata Sur	Dr. Md. Hammad Hussain Dr. Anurag Bag Dr. Ritam Dolui Dr. Satwik Mondal Dr. Abdul Aziz Dr. Swarajit Mudi Dr. Supratim Roy Dr. Mrinmoy Garain Dr. Suchismit Bhattacharya Dr. Md. Rafiuzzaman Dr. Md. Nur Islam Dr. Sherful Sk. Dr. Souradeep Dutta Dr. Sk. Ajaharul Hoque Dr. Bishesh Kumar Das

ACADEMIC ACTIVITY

THESIS COMPLETED

- Dr. PARIBAHA MUKHOPADHYAY — A prospective longitudinal comparative study on treatment outcome between triceps reflecting anconeus pedicle and olecranon management of distal humerus intra-articular fracture.

- Dr. SOUMIK CHOWDHURY — Comparative outcome of different modalities (conservative and surgical) in proximal humerus fracture in patients more than 60 years age.
- Dr. PRITAM RAHAMAN — Change in hamstring parameters by isokinetic analysis after arthroscopic ACL reconstruction using hamstring graft-a prospective study.
- Dr. MANIK ROY — Comparison of clinical efficacy of single-lateral and dual plating fixation of distal comminuted femoral fracture.
- Dr. SUNNY PATRA — Comparative measurements of radial height, radial inclination, ulnar variance in Colles' fracture treated conservatively by closed reduction and cast vs closed reduction with Kirschner wire and casting.
- Dr. KIRANMOY GHOSH — comparative study between below knee cast and foot cast in a case of closed metatarsal fracture.
- Dr. SUBHAJIT MUKHERJEE — Piercing pattern of lateral intermuscular septum by the radial nerve in distal 1/4th of arm in cadavers and among patients attending a tertiary care hospital in Kolkata.
- Dr. SOUMYADIP SARKAR — Clinical and radiological outcome of Kirschner wire v/s cannulated screw fixation in lateral condyle humerus fracture in children and teenagers.
- Dr. SAURABH CHANDRA — Titanium elastic nails as an alternate treatment for humeral shaft fractures.
- Dr. SUROJIT GHOSH — Comparison between dynamization and reverse dynamization in case of intramedullary nailing for long bone (femur & tibia) fracture a prospective study.
- Dr. SHOUVIK BARDHAN — Evaluation of the functional and radiological outcomes using conventional inverted triangle technique and BDSF fixation technique in neck of femur fractures : a study in tertiary care center in eastern India.
- Dr. SOUVIK DUTTA — Functional and radiological outcome of bicolumnar plating through medial parapatellar approach for distal femur intra articular fractures.
- Dr. SUBHADIP PAL — Comprehensive analysis of surgical outcomes using Darrach and Sauve Kapandji method for distal radio-ulnar joint dysfunction a study in tertiary health care center in eastern India
- Dr. DEBJIT MANDAL — Comparative evaluation of functional and radiological outcome in treatment of tibial plateau fractures by arthroscopic assisted versus open reduction.
- Dr. BISWAJIT KR. BRAHMA — Curopsy and intralesional injection of polidocanol in the treatment of aneurysmal bone cyst-functional and radiological analysis study in a tertiary health care center in eastern India.

THESIS IN PROGRESS

- Dr. AARYAN BARNWAL — Evaluation of functional outcomes of uncemented fixed hemiarthroplasty of hip joint for fracture of neck of femur in elderly using bipolar prosthesis: a prospective observational study.
- Dr. SOURAV KUMAR DUTTA — A comparative study of two percutaneous pinning techniques (lateral vs. medial-lateral) for Gartland type iii pediatric supracondylar fracture of the humerus.
- Dr. HASAN MUZTABA — A comparative study between with tourniquet and without tourniquet arthroscopic ACL reconstruction.
- Dr. SWARNAVA ROY — Assessing the influence of age, weight, and Pirani score on the number of casts during the initial phase of clubfoot treatment using the Ponseti method: a prospective study.
- Dr. MANIK SING — observational study between vit.d3 levels of postmenopausal women with osteoporotic fracture in tertiary care center.
- Dr. SANKHA SHUBHRA ROY — Comparison of clinical and radiological outcomes of pedicular screw fixation, spinal decompression with and without TLIF cage in cases of grade I spondylolisthesis with spinal canal stenosis.
- Dr. AKASHDIP MANNA — Quadriceps tendon vs hamstring autograft in primary ACL reconstruction – a comparative study with minimum 18 months follow–up.
- Dr. PROTAN KUMAR BHOWMIK — Functional outcome of the distal end radius intra–articular and extra–articular fractures managed by Miros vs locking plates.
- Dr. SANKHADIP SAHA — Comparison of functional outcome between subvastus approach & medial parapatellar approach in total knee arthroplasty.
- Dr. PRATIK KUMAR SINGH — Comparative study of plating verses conservative treatment in a mid-shaft fractures of clavicle in a tertiary care center.

- Dr. SHREUS TARAPHDAR — Comparative analysis of clinico-radiological and functional outcomes of K–wire fixation vs plating in treatment of intra–articular fractures of the base of thumb.
- Dr. SWARNABHA NANDI — A short-term analysis of functional outcome of minimally invasive plate osteosynthesis in a case of diaphyseal humerus fracture.
- Dr. PAVEL RANJAN OJHA — Short comparative analysis of functional outcomes of plating vs tension band wiring for lateral end of clavicle fracture in a tertiary level health care center: a prospective study.
- Dr. SUBRATA SUR — Short term evaluation of functional outcome of partial meniscectomy followed by visco supplementation in KL Grade 3 osteoarthritis of knee joint in a tertiary level health care center: a prospective observational study.

PRESENTATIONS IN 2025

- Dr. AARYAN BARNWAL — CORRECTION OF ANKLE VARA DEFORMITY IN A FOLLOW UP CASE OF DISTAL TIBIA EPIPHYSEAL INJURY
- Dr. SOURAV KUMAR DUTTA
    i. A CASE REPORT ON GIANT CELL TUMOUR OF DISTAL ULNA TREATED USING EN MASS RESECTION COMBINED WITH EXTENSOR CARPI ULNARIS TENODESIS
    ii. A CASE OF TIBIAL ADAMANTINOMA MANAGED BY ENBLOCK EXCISION FOLLOWED BY FIBULA TRANSLOCATION
    iii. PROXIMAL TIBIA MESENCHYMAL CHONDROSARCOMA: INTERCALARY RESECTION WITH EXTRACORPOREAL RADIOTHERAPY (ECRT) AND REIMPLANTATION WITH TIBIA
- Dr. HASAN MUZTABA— STAGED MANAGEMENT OF INFECTED ULNA IMPLANT USING THE MASQUELET TECHNIQUE AND AUTOLOGOUS FIBULA GRAFT: A CASE REPORT
- Dr. SWARNAVA ROY
    i. MANAGEMENT OF CHONDROSARCOMA OF THE PROXIMAL HUMERUS IN A 19 YEAR OLD MALE USING PEDICLED CRYOTHERAPY RECYCLED AUTOGRAFT AND PLATE OSTEOSYNTHESIS. —**MIDCON 2025**
    ii. DISTAL TIBIA EWING'S SARCOMA, RESECTION AND RECONSTRUCTION WITH CENTRALISATION OF FIBULA AND ANKLE ARTHRODESIS, 6YRS FOLLOW UP, ONCOLOGICAL AND FUNCTIONAL OUTCOME. — **IOACON 2025**
- Dr. MANIK SING — WHEN THE ANKLE BECOMES THE KNEE: A CASE OF RIGHT DISTAL FEMUR OSTEOSARCOMA MANAGED BY ROTATIONPLASTY.
- Dr. SANKHA SHUBHRA ROY — ANCHORING THE UNSTABLE ANKLE: A CASE REPORT ON DELTOID LIGAMENT RECONSTRUCTION USING SEMITENDINOSUS GRAFT — **MIDCON 2025**
- Dr. AKASHDIP MANNA — VARUS DEROTATION OSTEOTOMY IN A 10-YEAR-OLD CHILD WITH PERTHES DISEASE; A CASE REPORT WITH 2 YEARS FOLLOW-UP. —**MIDCON 2025**
- Dr. PROTAN KUMAR BHOWMIK — WHEN METATARSAL BECOMES METACARPAL – A CASE REPORT OF 1ST METACARPAL GCT — **MIDCON 2025**
- Dr. SANKHADIP SAHA— CLOSED REDUCTION & PERCUTANEOUS PINING OF BOXER'S FRACTURE USING KIRSCHNER-WIRES — **MIDCON 2025**
- Dr. PRATIK KUMAR SINGH— FUNCTIONAL OUTCOME & DONOR SITE MORBIDITY FOLLOWING ARTHROSCOPIC ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION USING PERONEUS LONGUS TENDON GRAFT — **MIDCON 2025**
- Dr. SHREUS TARAPHDAR
    i. ARTHROSCOPIC PAEDIATRIC ACL AVULSION FIXATION USING FIXED LOOP ENDOBUTTON. — **MIDCON 2025**
    ii. ARTHROSCOPIC ASSISTED INTERNAL FIXATION OF PROXIMAL TIBIA PLATEAU FRACTURE. — **WBOACON 2025**
    iii. MANAGEMENT OF SKELETALLY IMMATURE CALCENEOVALGUS DEFORMITY WITH SUPRAMALLEOLAR OSTEOTOMY —**EZOACON 2025**

- Dr. SWARNABHA NANDI — FUNCTIONAL OUTCOME OF PROXIMAL HUMERUS MEGAPROSTHESIS IN A FOLLOW UP CASE OF PROXIMAL HUMERUS GIANT CELL TUMOR MANAGED INITIALLY BY WIDE LOCAL EXCISION – A FOLLOW UP STUDY — **MIDCON 2025**

- Dr. PAVEL RANJAN OJHA — DEFORMITY CORRECTION OF BILATERAL MANUS VARA: A CASE REPORT. — **MIDCON 2025**

FACULTY ACTIVITY

Prof. (Dr.) TANMAY DATTA (Head)

PUBLICATIONS

i. CHANGE IN HAMSTRING PARAMETERS BY ISOKINETIC ANALYSIS AFTER ARTHROSCOPIC ACL RECONSTRUCTION USING HAMSTRING GRAFT– A PROSPECTIVE STUDY— Journal of Orthopaedic Diseases| Published by Elsevier B.V

ii. CLINICAL OUTCOMES OF SINGLE LATERAL VERSUS DUAL PLATING IN ISOLATED COMMINUTED INTRA-ARTICULAR DISTAL FEMUR FRACTURES AMONG ADULTS: A RETROSPECTIVE STUDY— Journal of Clinical and Diagnostic Research. 2025 Dec, Vol-19(12)

iii. CLINICAL EQUIVALENCE OF CLINIFIBRE® AND FIBERWIRE® ULTRA–HIGH MOLECULAR WEIGHT POLYETHYLENE SUTURE FOR GRAFT PREPARATION IN UNILATERAL ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: A SINGLE-BLIND RANDOMIZED STUDY— 2025 Panjwani et al. Cureus 17(5): e83947. DOI 10.7759/cureus.83947

iv. A COMPARATIVE STUDY BETWEEN JOINT REPLACEMENT AND JOINT PRESERVING SURGERY IN CASES OF GIANT CELL TUMOR AROUND THE KNEE— Journal of Orthopaedic Diseases and Traumatology | Published by Wolters Kluwer - Medknow

v. FUNCTIONAL RESTORATION AFTER SAUVÉ–KAPANDJI PROCEDURE FOR POST–TRAUMATIC DRUJ INSTABILITY: A CASE REPORT— Indian Journal Orthopaedic Surgery 2025;11(4) | Published by Innovative Publications

ACTIVITIES

i. CORE COMMITTEE MEMBER, IN NEWLY INAUGURATED DEPARTMENT OF SPORTS MEDICINE, IPGMER & SSKMH
ii. CORE COMMITTEE MEMBER OF LEVEL 1 TRAUMA CARE CENTER, IPGMER & SSKMH
iii. CONVENOR OF MS ORTHOPAEDICS EXAMINATION 2025 HELD IN IPGMER & SSKMH
iv. CO–EXAMINER OF MS ORTHOPAEDICS EXAMINATION 2024 HELD IN IPGMER & SSKMH
v. FACULTY OF WBOA CLINICAL MEETING HELD ON SSKMH
vi. IN–CHARGE OF BONE BANK AT SAMBHU NATH PANDIT HOSPITAL, IPGME&R (ANNEX–II)
vii. EXAMINER OF MBBS FINAL PROF PART 2 OF WBUHS AT IPGMER & SSKMH
viii. EXTERNAL EXAMINER OF MS ORTHOPAEDICS EXAMINATION HELD IN BHU, VARANASI OCTOBER 2025
ix. CONDUCTED BPT EXAMINATION 2025
x. NMC ASSESSOR CUM INSPECTOR AT VARIOUS INSTITUTIONS ALL OVER INDIA
xi. FACULTY AT IASCON 2025
xii. TOOK REGULAR UG & PG TEACHING CLASSES, ATTENDED SEMINARS. JOURNAL CLUBS, CONFERENCES

Prof. (Dr.) DIBYENDU BISWAS

ACTIVITIES

i. CO–EXAMINER OF MS ORTHOPAEDICS EXAMINATION 2025 HELD IN IPGMER & SSKMH
ii. EXAMINER OF MBBS FINAL PROF PART 2 OF WBUHS AT IPGMER & SSKMH
iii. EXTERNAL EXAMINER OF MS ORTHOPAEDICS EXAMINATION HELD IN M G M MEDICAL COLLEGE, INDORE
iv. TOOK REGULAR UG & PG TEACHING CLASSES

Dr. ABIR KUMAR GHOSH

PUBLICATIONS

- CLINICORADIOLOGICAL OUTCOME OF EXTENDED CURETTAGE OF GCT OF BONES AS PER RECURRENCE AND METASTASIS— Research Journal of Medical Sciences
- A COMPARATIVE STUDY BETWEEN JOINT REPLACEMENT AND JOINT PRESERVING SURGERY IN CASES OF GIANT CELL TUMOR AROUND THE KNEE— Journal of Orthopedic Diseases and Traumatology | Published by Wolters Kluwer - Medknow
- EVALUATION OF ASSOCIATION BETWEEN VITAMIN D LEVEL AND LOW BACK PAIN— International Journal of Pharmaceutical Quality Assurance 2025; 16(7); 82-87

Dr. AVIJIT BASAK

PUBLICATIONS

- A COMPARATIVE STUDY BETWEEN JOINT REPLACEMENT AND JOINT PRESERVING SURGERY IN CASES OF GIANT CELL TUMOR AROUND THE KNEE— Journal of Orthopedic Diseases and Traumatology | Published by Wolters Kluwer – Medknow

ACTIVITIES

i. CONDUCTED BPT EXAMINATION 2025

Dr. DEBAJYOTI SARKAR

PUBLICATIONS

i. THOMAS TEST: TIME TO REKINDLE, REVISIT AND RELEARN?— *Journal of Orthopedic Diseases and Traumatology*

DEPARTMENTAL ACTIVITIES

- Seminar on Pediatric Orthopedics on June 2025 at Departmental Seminar Room
- WBOA Clinical Meet
- WBOA Workshop
- IOA PG Teaching Course
- Conduction of MS Orthopedics Examination 2024 on December 2024
- Conduction of MS Orthopedics Examination 2025 on September 2025
- Monthly Tumor Board Meeting held on every 3rd Saturday of month.
- Monthly Bone Bank Committee Meeting
- Monthly Death Review Committee Meeting
- Regular academic activities like Journal Club, Clinical Case Presentation, Thesis Presentation etc.

PATIENT CARE SERVICES from DEC 2024 to NOV 2025

1. No. of Patients attended in Orthopaedics OPD— 201102
2. No. of Patients operated in Emergency Ortho OT— 3744
3. No. of Patients operated in Ortho Main OT— 3864
4. No. of Patients admitted in Orthopaedic Ward— 6832
5. Joint Replacements
    a. TKR done— 136
    b. THR done— 198
    c. TER done— 02
6. Arthroscopic Operations
    a. ACL Reconstruction done— 226
    b. PCL Reconstruction done— 04
    c. Meniscal Repair done— 13
    d. Repair in case of shoulder instability done (Bankart Repair) — 33
    e. Rotator Cuff Repair done— 18
7. Spinal Surgery done— 24
8. Deformity correction by Illizarov Fixator done— 21

ONCO-ORTHO SURGERIES DONE from DEC 2024 to NOV 2025

1. Total Major cases— 193
2. Total Minor Biopsy cases— 203
3. Megaprosthesis done— 22
4. No. of Patients attended in Onco–Ortho OPD— 823

Pathology

FACULTY

SN	NAME	DESIGNATION
1	Prof. Uttara Chatterjee	Professor and Head
2	Prof. Amitabha Chattopadhyay	Professor
3	Prof. Asim Kumar Manna	Professor
4	Dr. Biswanath Paul	Associate Professor
5	Dr. Debashish Bhattacharya	Assistant Professor (BIN)
6	Dr. Urvee Sarkar	Assistant Professor
7	Dr. Madhumita Mondal	Assistant Professor
8	Dr. Piyali Kundu	Assistant Professor
9	Dr. Parul Jain	Assistant Professor
10	Dr. Biswajit Kundu	Demonstrator
11	Dr. Doyel Halder	Demonstrator
12	Dr. Parul Ghosh	Medical Officer (SNPH)

Postgraduate Trainees

2nd year (2024-2027)	3rd year (2023-2026)
Dr. Anindita Pal Dr. Arnab Kumar Khan Dr. Debasmita Chakraborty Dr. Farhin Khatun Dr. Gairika Das Dr. Ibadapynjanailin Kharumnuid Dr. Jasmine Besra Dr. Meghdari Sen Dr. Mohua Mondal Dr. Pooja Chowdhury Dr. Prodip Mondal Dr. Raja Ahmad Aftab Dr. Raju Mandal Dr. Ranadeep Chowdhury Dr. Shabina Shahab Dr. Sneha Banerjee Dr. Soumyamita Biswas Dr. Subhodeep Sarkar Dr. Subhrakanti Mukhopadhyay Dr. Vishal Ghosh	Dr. Adrineil Mazumdar Dr. Ebrahim Mohammad Dr. Arunima Das Dr. Poulomi Das Dr. Iqbal Khan Dr. Soumita Ghosh Dr. Sourav Pramanik Dr. Fatema Khatun Dr. Deeya Paul Dr. Antara Mali Dr. Md. Nadeem Kaushar Dr. Debaratnam Roy Karmakar Dr. Karan Singh Dr. Sourav Basu Dr. Tanay Kundu

ACADEMIC ACTIVITY

Regular academic activities

- Undergraduate and post graduate teaching.
- Conduction of MD/MBBS practical exams.
- Conduction of Paramedical examinations.
- Conduction of CME and Workshops.
- Conduction of Clinico-pathological seminars and case discussions.
- RBCW Teachers training courses.

Conferences And Paper Presentations

1. CYTOCON-WB (Shantiniketan Medical college) 2025
2. APMWB, (RG Kar Medical College). 2025
3. BESHCON, 2025
4. HEMATOCON, 2025
5. Flowcytometry Workshop & CME , TMH, Kolkata 2025
6. CYTOLOGY CME(UPDATES IN BREAST CYTOLOGY), 2025

7. APCON-NATIONAL (Government Medical College, Jammu)2025

PUBLICATIONS

1. Basu K, Butta S, Agarwal A, Singha A, Medda S, Sarkar D, Chatterjee U. Reninoma in an adolescent girl: histopathological insights with review of literature. Fetal and Pediatric Pathology. 2025 Sep 3;44(5):495-502.
2. Basu T, Das M, Debnath R, Bala A, Chatterjee U, Ghosh S. Clinicopathological profile of ependymomas with special reference to survival data–Experiences of a tertiary care center'. Indian Journal of Pathology and Microbiology. 2025 Jan 1;68(1):118-24.
3. Debnath R, Roy T, Das M. A curious case of a solitary lower lip papule: A case report. Indian Journal of Pathology and Microbiology. 2025 Feb 7:10-4103.
4. Halder A, Patra S, Mandal B, Ray G, Ghosh R, Mukherjee S, Chatterjee U. Differentiating biliary atresia from other causes of infantile cholestasis: An appraisal of the histomorphological changes on liver biopsy. Differentiating biliary atresia from other causes of infantile cholestasis: An appraisal of the histomorphological changes on liver biopsy.2024; 66:790-798.[Received best paper award at APCON 2025 held in GMC, Jammu]
5. Jain K, Datta C, Sengupta M, Pal DK, Chatterjee U. Quest to develop a standard screening method for urothelial carcinoma using liquid-based cytology (The Paris System) and CK20. Quest to develop a standard screening method for urothelial carcinoma using liquid-based cytology (The Paris System) and CK20.2024; 66:720-726.
6. Mohin M, Dey S, Ray R, Wasim Sk. F, Das O, Chatterjee U. Testicular Mixed Teratoma and Yolk Sac Tumor, Prepubertal Type: A Case Report with Summary of Prior Published Cases. Testicular Mixed Teratoma and Yolk Sac Tumor, Prepubertal Type: A Case Report with Summary of Prior Published Cases. 2024; (unknown volume):1-6.
7. Das O, Mohin M, Dey S, Kar A, Singhania P, Adhikari S, Chowdhury S, Chatterjee U. Cytological findings of phosphaturic mesenchymal tumor: Report of a case with summary of prior published cases. 2024;
8. Mohin M, Lakra N, Jain P, Datta S, Chatterjee U. Cytological features of hyaline fibromatosis syndrome: A case report with summary of prior published cases. Cytological features of hyaline fibromatosis syndrome: A case report with summary of prior published cases. 2024; 35:177-179.
9. Sen J, Chakrabarty S, Sarkar U et al. Prevalence of different gallbladder pathologies and usefulness of mucin histochemistry in early diagnosis of metaplasia and carcinoma f gall bladder. Asian Journal of Medical science. 2024.
10. De S, Sengupta M, Bhattacharya D, Mondal M, Sinha MG. Primary Splenic Hodgkin Lymphoma and its Prognosis: A Report of Two Cases. Journal of Clinical & Diagnostic Research. 2024 Mar 1;18(3).
11. Dey S, Rana S, Nandy S, Mondal M, Datta C. Clinicopathological and Prognostic Significance of PD-L1 Expression in Male and Female Breast Carcinoma Cases: A Cohort Study. Journal of Clinical & Diagnostic Research. 2024 Oct 1;18(10).
12. Mukherjee D, Dey S, Chatterjee S, Mondal M, Singh D, Sinha MG. Expression of GATA3, p63, E-cadherin and Her2Neu Immunohistochemical Stains in Urothelial Carcinoma and their Relationship with Histological Grading and Prognosis-A Cross-sectional Study. Journal of Clinical & Diagnostic Research. 2024 Apr 1;18(4).
13. Das D, Dutta N, Das S, Sharma MK, Chattopadhyay A, Ghosh S, Das JN. Public–private partnership for treatment of congenital heart diseases: experiences from an Indian state. World Journal for Pediatric and Congenital Heart Surgery. 2024 Jul;15(4):439-45.

ACADEMIC ACHIEVEMENTS of Postgraduate Trainees

Dr. Shubhodeep Biswas Award poster- 1st Prize, APM-WB 2025 PHOSPHOTURIC MESENCHYMAL TUMOR: A RARE CASE REPORT. **Dr. Vishal Ghosh** 1st prize: poster, Cytocon 2025	**Dr. Soumita** 1st prize: Dermatopath 2025, Paper presentation **Dr. Sudarshana Sur,** Award paper: 3rd prize, CAPP-CON 2024

SPECIALITY UNITS

1. THALASSEMIA CONTROL UNIT.
2. NEPHROPATHOLOGY + HLA

Oncopathology

In February 2022, under the prestigious CANCER HUB project of the Government of West Bengal, a separate Onco-pathology unit was created to exclusively work on oncology cases and cater service to the cancer patients. WBUHS affiliation for department was received on 19 September 2023.

FACULTY

SN	NAME	DESIGNATION
1	Dr. Keya Basu	Professor and Head
2	Dr. Mou Das	Associate Professor
3	Dr. Sukla Mitra	Associate Professor
4	Dr Ayesha Afreen Islam	Assistant Professor
5	Dr. Shristi Butta	Demonstrator/Assistant Professor

SENIOR RESIDENTS

1. DR. SAYANTA BERA
2. DR. RAJARSHI DEBNATH
3. DR. AISHARYA BANERJEE

Postdoctoral Trainees

Two DM oncopathology seats has been applied for to NMC.

TRAINING & WORKSHOP PROGRAMMES:

- ONCO-DECODE WORKSHOP AND CME, IPGMER KOLKATA, AUGUST 2025
- APMWB-MID TERM CME ON ONCOPATHOLOGY, IPGMER, KOLKATA- SEPT 2025
- CLINICO-PATHOLOGICAL DISCUSSION ON CNS-IPGMER, 2025
- LYMPHOMA MEET, JUNE 2024, IPGMER, KOLKATA: CONVENER DR. SUMIT GUJRAL, TMH, KOLKATA.
- ONCOPATHOLOGY & TRANSFUSION MEDICINE, TMH, MUMBAI (2022)
- WORKSHOP IN CYTOGENETICS, TMH, MUMBAI (2023)
- NABL TRAINING 2023
- MOLECULAR PATHOLOGY WORKSHOP 2023, IPGMER, KOLKATA.

NABL Accreditation received On December 2024.

Surveillance Visit Scheduled On 17.01.2026 And 18.01.2026

UNITS

1. FLOWCYTOMETRY
2. MOLECULAR PATHOLOGY: PCR UNIT
3. IMMUNOHISTOCHEMISTRY

RECENT PUBLICATIONS

a. Basu K, Butta S, Agarwal A, Singha A, Medda S, Sarkar D, Chatterjee U. Reninoma in an Adolescent Girl: Histopathological Insights with Review of Literature. Fetal and Pediatric Pathology. 2025 Sep 3;44(5):495-502.

b. Das AA, Saha S, Pal M, Karmakar S, Bhattacharjee K, Basu K. Clinicopathological Dimensions of Renal Amyloidosis: A Comprehensive Study from a Tertiary Care Center. The Journal of Medical Sciences. 2025 Jul 15;11(1--4):1-6.

c. Pal M, Butta S, Das AA, Mandal AP, Islam AA, Basu K. Clinicoradiological Correlation in Image-guided Bone Biopsies: A Cross-sectional Study from Eastern India. The Journal of Medical Sciences. 2025 Feb 28;11(1--4):1-5.

d. Sarwala SP, Karmakar S, Basu K, Bhattacharya K. Case series of nondiabetic kidney disease masked by clinical diabetes: A wolf in sheep's clothing. Indian Journal of Pathology and Microbiology. 2025 Oct 1;68(4):879-82.

e. Bardia A, Islam AA, Basu K, Chatterjee U. Well-differentiated papillary mesothelial tumor of pleura: A case report. Annals of Medical Science & Research. 2025 Jan 1;4(1):47-50.

f. Mondal P, Kumar R, Halder R, Sarkar S, Sen P, Sarkar P, Das P, Banerjee R, Raj R, Dey R, Islam A A. Socio-demographic profile of Cancer Patients Attending Radiotherapy Out Patient Department of a Tertiary Care Hospital in Kolkata: A Cross-sectional Study. The ESRF Research Journal for Undergraduate Medical Students. 2025 Oct 16; 3(1 (Jul-Dec)):10-8.

g. Mandira Chakraborty , Manoj K Gupta , Shristi Butta, Hasina Banu. Comparison of Basal Core Promoter Region Mutation and Precore Mutation among Monoinfected Hepatitis B Virus and Coinfected Hepatitis B Virus with Human Immunodeficiency Virus Patients .Journal of The Association of Physicians of India, Volume 72 Issue 12 (December 2024)

h. Mukherjee D, Islam AA, Butta S, Basu K et al. Molecular profile of Non small cell carcinoma lung: diagnostic utility in cancer therapeutics. Global journal for research analysis. 2024 Jan.

i. Butta S, Chakraborty S, Basu K, Islam A. Significant osseous metaplasia in a chondroid syringoma: a case report. Cureus. 2024 oct 30;16(10)

j. Mondal A, Islam AA, Basu K, Chatterjee U. Ectomesenchymal chondromyxoid tumor: a rare case report.Ann Med Sci Res 2024; 3:189-91.

k. Ray s, Islam AA, Parvin S. Diagnostic and Prognostic Utility of hormone receptors and ki67 in proliferative endometrial lesions. International Journal of health and clinical research. 2021.

RESEARCH PROJECTS UNDER ONCO-PATHOLOGY & ONCO-SURGERY IN 2025 (work in progress)

1. NANOG in saliva: A novel and non-invasive diagnostic biomarker in oral squamous cell carcinoma. (MRU, IPGMER)
2. Microsatellite in stability in colorectal carcinoma. (ICMR)
3. Approach to determine the Molecular profile of colorectal carcinoma: a cornerstone in the era of precision medicine (DBTBT)

Pediatric Medicine

FACULTY

Name	Designation	Degree
Dr. Mrinal Kanti Das	Professor& HOD	DCH, MD
Dr. Malay Kumar Sinha	Professor	DCH, MD
Dr. Atanu Roy	Professor	MD
Dr. Dipankar Gupta	Associate Professor	DCH, MD, DNB, DM (Neuro)
Dr. Sananda Pati	Assistant Professor	MD, MRCPCH
Dr. Satyabrata Roy Chowdhury	Assistant Professor (PICU-in charge)	MD
Dr. Shatanik Sarkar	Assistant Professor(In charge Pediatric Cardiology)	MD, DM (Ped Cardio)
Dr. Lopamudra Mishra	Assistant Professor	MD, DM (Ped Cardio)
Dr. Suprit Basu	Assistant Professor (In charge Pediatric Rheumatology Clinic)	MD, DNB, DM (Ped Rheumat)
Dr. Mahaprasad Pal	Assistant Professor	MD
Dr. Koushwambi Kar	Clinical Tutor and In charge Pediatric Haemato-Oncology(PHO Unit)	DMRT, MD (Ped)
Dr. Pritam Roy Choudhury	Private Consultant Ped-Haemato-onco	MD, Fellow PHO

Senior Residents

Dr. Bratesh Das Dr. Sayan Das Dr. Pallabi Hui	Dr. Shruti Kanjilal Dr. Suchismita Dutta Dr. Amrita Ray	Dr. Saherin Jesmin Dr. Purbali Ghosh Dr. Mrinmoy Roy

Promotion, Joining and Transfer of Faculty

- Dr. Shatanik Sarkar Assistant Professor, MD, DM Pediatric Cardiology joined the Department of Pediatric Medicine on Dec2024.
- Dr. Atanu Roy joined as Professor Pediatrics and took charge of Unit 1A Pediatrics after transfer from Kolkata Medical College in Jan 2025.
- Dr. Mahaprasad Pal joined as Assistant Professor Pediatrics after transfer from BMCH and now jointly in charge of Unit-2 Pediatrics in Feb 2025.
- Dr. Pritam Roy Choudhury part time consultant haemato-oncology joined the PHO Unit.
- Dr. Sayantani Panigrahi, Dr. Sarbani Bagchi, Dr. Bilkis Islam and Dr. Arpan Dutta Senior Residents left.
- Dr. Sarbani Bagchi joined FNB haemato-oncology at St. John's Hospital, Bangalore
- Dr. Sayantani Panigrahi joined Farakka, NTPC Hospital
- Dr .Pallabi Hui and Dr. Shruti Kanjilal joined as Senior Residents at the PHO unit

Departmental Achievements

- Pediatric Medicine ward has been renovated in 2023 and made centrally air-conditioned. Number of beds increased to 105
- 5 additional MD Pediatrics seats have been granted recognition by NMC. Total seats 9.
- Pediatric Oncology services with OPD on Tuesday/Thursday. Dedicated unit with 12 beds for cancer patients and regular chemotherapy.
- Cankids, National NGO started working with our Pediatric oncology patients since Aug2024 with the aim of providing sophisticated investigation support, better transport, interim accommodation, and counselling services to oncology patients. Regular arrangement of various activities for these children
- Pediatric cardiology started with 20 beds. OPD on Tuesday /Friday. Applied to NMC for initiation of DM, Pediatric cardiology course.
- Proposal for expansion of PICU (36 bedded) and upgradation of PICU passed and accordingly infrastructure plan made.
- Regular running of rare disease OPD and treatment of rare diseases like Gaucher's disease and Mucopolysaccharidosis by enzyme replacement at Kolkata Police Hospital.

- Regular Telemedicine duty by Senior Residents and Faculties of Pediatric Medicine under Swasthya Ingiit and State Telemedicine hub
- Regular running of Day care Thalassemia Clinic on Monday, Wednesday, Friday by the doctors of the Pediatric Medicine Department at Kolkata Police Hospital.
- Departmental library is under renovation. To be made centrally air-conditioned
- Regular Simulation based training of Resident doctors in Emergency Pediatrics, 3 manikins purchased by institute for this purpose
- Training Nursing staff in BLS
- Simulation Training in Emergency Pediatrics (STEP) and SNAP Workshop held in IPGMER on 15TH AND 16TH February 2025
- BLS and PALS Workshop conducted at IPGMERApr2025
- Pediatric Life support workshop 26th and 28th August 2025 for Undergraduate Students as part of PERIZIA.
- One of the centers from Eastern India for the nationwide Project Congenital Rubella Syndrome Surveillance(CRSS) under ICMR
- Part of National One Health Mission(NOHM) project for prevention and control of zoonotic diseases

Post Graduate Students appeared for MD Pediatrics examination 2025

- Dr. Ditipriya Brahma
- Dr. Partha Chattopadhyay
- Dr. Sourav Roy
- Dr. Shubhrajit Pal
- Dr. Neha Roy
- Dr. Chumjamo W Shitiri
- Dr. Haradhan Santra
- Dr. Soubhagya Mahali
- Dr. Robin Saren

Dr. Saherin Jesmin, Dr. Amrita Ray. Dr. Purbali Ghosh are continuing as **Senior Resident under indemnity bond** in the institution. Dr. Mrinmoy Roy joined as **Senior Resident under indemnity bond.**

Present Postgraduate Trainees

From the Session 2017 Post graduate seats have been increased from 4 to 9

Session 2022-2025	Session 2023-2026	Session 2024-27
• Dr. Ditipriya Brahma • Dr. Partha Chattopadhyay • Dr. Sourav Roy • Dr. Shubhrajit Pal • Dr. Neha Roy • Dr. Chumjamo W Shitiri • Dr. Haradhan Santra • Dr. Soubhagya Mahali • Dr. Robin Saren	• Dr. Riju Bhattacharjee • Dr. Reeya Kalai • Dr. Ria Ghosh • Dr. Sukalpa Sarkar • Dr. Reshmi Mallick • Dr. Navoneel Poddar • Dr. Krishna Biswas • Dr. Rais Islam(left) • Dr. Anirban Datta (late joining)	• Dr. Samiparna Chakraborty • Dr. Mouli Chatterjee • Dr. Sramana Das • Dr. Aasiya Ansari • Dr. Subhradeep Sarkar • Dr. Annanya Biswas • Dr. Renaissa Banik • Dr. Habibur Rahaman • Dr. Oindrila Mukherjee

ACADEMIC ACTIVITY

- Regular postgraduate and undergraduate teaching and clinical training
- Weekly seminars and case presentation
- Monthly Mortality Meeting
- Journal club, Inter-departmental discussion, Guest Lectures
- Clinical meets, Presentation at Seminars and Conferences
- Simulation based training in Emergency Pediatrics
- Pediatric Quiz (Indian Academy of Pediatrics) PG and UG

Thesis Topics

- Randomized Control Trial to Compare Clinical Outcomes in Children with Systemic Juvenile Idiopathic Arthritis Treated using Tocilizumab With and Without Methotrexate Dr. Samiparna Chakraborty

- Dr Mouli Chatterjee "Clinico-epidemiological and radiological profile and short term outcome of Pediatric Acute Demyelination Syndrome in a tertiary care Hospital in Eastern India
- Effectiveness of single dose versus dual dose Rituximab in difficult-to-treat, steroid dependent nephrotic syndrome in children: A single blind Randomized Controlled Trial. Dr. Renaissa Banik
- Clinico-laboratory profile, disease activity, and short-term outcome in patients with juvenile dermatomyositis - Dr. Sramana Das
- Complications management outcomes in acute lymphoblastic leukemia during intensive phase of chemotherapy Dr. Oindrila Mukherjee
- Randomized controlled trial to compare the efficacy of rituximab versus tacrolimus for maintenance of remission in difficult-to-treat steroid dependent nephrotic syndrome Dr. Ananya Biswas
- Clinical Profile and early predictors of Severity and Outcome in Pediatric Acute Respiratory Distress Syndrome (pARDS) in a tertiary care hospital in PICU Dr. Aasia Ansari
- Study of Iron Profile in children under 1 year with uncorrected Congenital Acyanotic Heart Disease at a Tertiary care hospital in Kolkata Dr. Subhradeep Sarkar
- A cross-sectional observational study on Blood Transfusion in children in a tertiary care hospital Dr. Habibur Rahaman
- Prospective study on diagnosis, clinico-epidemiological profile and outcome of Sepsis patients in Pediatric Emergency Department of a tertiary care hospital. Dr. Anirban Dutta.

Academic achievements of PGTs and UG students in last 1year

- Dr. Ria Ghosh and Dr. Riju Bhattacharjee Winner of college round and finalist in state round of Indian Academy of Pediatrics Post Graduate quiz 2025and 2nd Runner Up
- Dr. Riju Bhattacharjee presented Poster titled "Pediatric Lupus Myocarditis: Clinical Features and Outcomes from a Prospective Single-Center Study" in Asia-Pacific League of Associations for Rheumatology congress 2025 held in Fukuoka, Japan
- Dr. Riju Bhattacharjee won 1st prize in poster presentation titled "Macrophage Activation Syndrome: A Single Center Prospective Observational Study" in the Monsoon Conference of Pediatric Intensive Care 2025
- Dr. Riju Bhattacharjee won 2nd prize in poster presentation in 8th West Bengal Pediatric Rheumatology Society Conference 2025.He also presented poster "A CASE OFSHORT STATURE, SHORT FINGERS AND ROUND FACE" in West Bengal Pedicon 2025
- Dr. Riju Bhattacharjee presented Oral paper titled "CLINICO-EPIDEMIOLOGICAL PROFILE AND OUTCOMES OF SYSTEMIC LUPUS ERYTHEMATOSUS CARDITIS IN PEDIATRIC POPULATION IN A TERTIARY CARE CENTRE OF EASTERN INDIA" in Annual State Conference of West Bengal Branch of Indian Rheumatology Association 2025
- Dr. Ria Ghosh Award Paper Presentation: Original Research category titled 'Kawasaki Disease in Infants' at 8th West Bengal Pediatric Rheumatology Society Conference and Mid Term CME of Indian Society of Kawasaki Disease.
- Dr. Ria Ghosh Poster Presentation titled SUPER-REFRACTORY SEIZURES IN A CASE OF SERONEGATIVE AUTOIMMUNE ENCEPHALITIS WITH GENETIC PREDISPOSITION TO EPILEPSY: A CASE REPORT" at Monsoon conference of Pediatric Intensive Care 2025.
- Dr. Ria Ghosh AYR Travel Grant recipient and Poster Presentation titled KAWASAKI DISEASE with GIANT CORONARY ANEURYSMS: Our Experience at a Tertiary Care Hospital in Eastern India" at 27th Asia-Pacific League of Associations for Rheumatology Congress (APLAR 2025) at Fukuoka Japan.
- Dr. Ria Ghosh Passed Advanced NRP and GCP training course.
- Dr. Sukalpa Sarkar won 2nd prize in e-poster presentation in case series category in East Zone Pedicon 2024
- Dr. Sukalpa Sarkar won 1st prize in e-poster presentation in 8th West Bengal Pediatric Rheumatology Society conference and mid-term CME of Indian Society of Kawasaki disease 2025
- Dr. Sukalpa Sarkar won 2nd prize in e-poster presentation in original research category in 44th WB pedicon 2025
- Dr. Sukalpa Sarkar participated in e-poster presentation in Monsoon Conference of Pediatric Intensive care 2025
- Dr. Reshmi Mullick won 2nd prize in e-poster presentation in 8th WB pediatric Rheumatology society conference
- Dr. Reshmi Mullick won 3rd prize in e-poster presentation in Monsoon conference of Pediatric Intensive Care
- Dr. Reshmi Mullick won 2nd prize in Award paper session in 44th WB Pedicon
- Dr. Reeya Kalai and Dr. Reshmi Mullick won college round of NNF quiz

- Dr. Reeya Kalai won 2nd Prize in poster presentation (Original Article) for the topic - "Clinical profile & outcome of Pediatric Atypical Hemolytic Uremic Syndrome" in Monsoon Conference of Pediatric Intensive Care 2025
- Dr. Reeya Kalai presented Oral Paper on " SAFETY AND EFFICACY OF INTRAVENOUS TOCILIZUMAB IN PEADIATRIC RHEUMATOLOICAL ILLNESS- An update from a tertiary care center" -- at 8th West Bengal Pediatric Rheumatology Society Conference & Mid Term CME of Indian Society of Kawasaki Disease (2025)
- Dr. Reeya Kalai presented E poster on topic - "Varied Clinical Presentation & Complications of Acute Promyelocytic Leukemia" at East zone Pedicon 2024
- Dr Krishna Biswas received the 1st prize at the Asthmacon 2025 Conference.
- Dr Krishna Biswas successfully cleared the BCBR examination in the July 2025 session.
- Dr. Navoneel presented E-poster: Case in 8th Pediatric Rheumatology Society Conference & Mid-term CME of Indian Society of Kawasaki Disease.
- Dr. Navoneel attended Monsoon Conference of Pediatric Intensive Care.
- Dr. Navoneel attended STEP Workshop at IPGME&R.
- Dr. Navoneel won 3rd prize in Free Paper Presentation at Asthmacon 2025
- Dr. Samiparna, Dr. Sramana and Dr. Renaisa jointly came 1st in the IAP Clinical Meet Nov 2025.
- Dr. Aasia Ansari won the 2nd Prize in IAP Clinical Meet Nov 2025
- Dr. Aasia and Dr. Oindrila 3rd in IAP Quiz in intracollege round
- Dr. Aasia Participated in poster presentation in NeuroPedicon

Final MBBS students

- Mr. Pratyush Karan and Mr. Santu Rout, Final MBBS students won college round of IAP UG Quiz.
- Final MBBS students Mr. Pratyush Karan and Mr. Santu Rout, became Senior CA and Junior CA after two rounds of Class Assistantship examination

Publications from the Department:

- Roy S, Bhattacharya P, Dutta AK, Das MK. Impact of Xmn1 polymorphism on hydroxyurea therapy in HbE-B non-transfusion dependent thalassemia children: A cohort study. Clin Exp Pediatr 2025; 68(6), 437-44.
- Bhattacharjee R, Das S, Das MK, Basu S. KRAS-associated pediatric lipus: Expanding the genomic landscape of monogenic lupus. Lupus. 2025;0(0), 1-4. DOI:10.1177/09612033251378398
- Mondal R, Misra(Roy) S, Datta(Kanjilal) S, Gupta D, Das MK. Clinical and Etiological Profile of Acute Febrile Illness in Children Admitted to A Tertiary Care Hospital in Eastern India. SVU-International Journal of Medical Sciences.2025;7(2), 1008-15.
- Das E, Roy SM, Pati S, Sinha MK, Datta S , Sarkar S, et al. Clinical spectrum of arthritis in children: A single center study from eastern India. J Med Sci Res. 2025 Apr 2;13(2):96-100.
- Das E, Pati S, Jesmin S, Paul A. Moyamoya Disease: A Cerebrovascular Involvement in a Child with Wiskott-Aldrich Syndrome. Indian Pediatr Case Rep. 2025 Mar;5(1):18.
- Clinico-epidemiological profile and long-term follow-up of IgA vasculitis in children admitted in a tertiary care hospital in Eastern India Norbu Sherpa , *Sananda Pati , Supratim Datta accepted for publication in Sri Lanka Journal of Child Health, 2026
- Das S, Ray BK, Mondal G, Kanjilal S, Paul DK, Roychowdhury S, Mishra L, Bhattarcharjee P, Chakraborty B, Biswas P, Santra B, Poddar G, Dutta D, Hazra S. The changing trends in the etiological and clinico-radiological profiles and long-term outcomes of Acute Encephalitis Syndrome among children below 15 years of age: a prospective bicentric study in the West Bengal state in India, a Global Burden of Disease. J Int Child Neurol Assoc. 2025;1(1):[page numbers]. doi:10.17724/jicna.2025.315
- Deivasigamani P, Basu S, Rikhi R, et al. Screening for Wiskott-Aldrich Syndrome in Chronic Idiopathic Thrombocytopenic Purpura. Indian J Pediatr. Published online August 12, 2025. doi:10.1007/s12098-025-05712-6
- Mukherjee, Dikpati; Sarkar, Sumantra; Basu, Suprit; Datta, Supratim; Nandi, Madhumita; Das, Paramita. Status of Vitamin D in Childhood-onset Systemic Lupus Erythematosus and its Relation with the Disease Activity. Medical Journal of Dr. D.Y. Patil Vidyapeeth 18(4):606-611. DOI:10.4103/mjdrdypu.mjdrdypu_373_24
- Singhal M, Pilania RK, Basu S, et al. Role of CT Coronary Angiography at Initial Presentation in Kawasaki Disease-Insights from a Tertiary Care Center in North India. Diagnostics (Basel). 2025;15(14):1806. Published 2025 Jul 17. doi:10.3390/diagnostics15141806
- Sharma, S., Basu, S., Goyal, T. et al. Clinicopathological and Immunogenetic Characterization in 8 Patients with Familial Hemophagocytic Lymphohistiocytosis Type 2: A Study from North India with Literature Review. J Clin Immunol 45, 108 (2025). https://doi.org/10.1007/s10875-025-01895-x

- Singhal M, Pilania RK, Basu S, Sharma A, Singh S. CT coronary angiography in Kawasaki disease: current perspectives. Arch Dis Child. Published online March 28, 2025. doi:10.1136/archdischild-2024-327190
- Sharma R, Basu S, Tyagi R, et al. Quality of life in patients with hereditary angioedema correlates with angioedema control: Our experience at Chandigarh, India. Asia Pac Allergy. 2025;15(1):1-6. doi:10.5415/apallergy.0000000000000172
- Pilania, R.K., Basu, S., Sil, A. et al. Concurrent infections in children with Kawasaki disease: lessons learned over 26 years. Immunol Res 73, 56 (2025). https://doi.org/10.1007/s12026-025-09607-8
- Singhal M, Basu S, Sharma A, Singh P. Ethics: The Elixir of Publications. Indian J Radiol Imaging. 2025 Jan 9;35(Suppl 1):S30-S35. doi: 10.1055/s-0044-1791671. PMID: 39802714; PMCID: PMC11717446.
- Pilania RK, Nadig PL, Basu S, Tyagi R, Thangaraj A, Aggarwal R, Arora M, Sharma A, Singh S, Singhal M. Congenital anomalies of coronary artery misdiagnosed as coronary dilatations in Kawasaki disease: A clinical predicament. World J Clin Pediatrics. 2025; 14(1): 99177

Ongoing research in PICU

- Dobutamine with glyceryl nitrate versus milrinone in treatment of acute heart failure with reduced ejection fraction in Pediatrics : A randomized control trial in a tertiary care center of eastern India
- DNS versus 1/2 DNS as a choice of maintenance fluid in treatment of sick children age group 28 days to1 year in Pediatrics : A randomized control trial in a tertiary care center of Eastern India
- Functional status trajectories in Pediatric survivors of Intensive care : A prospective study in a tertiary care centre of Eastern India

Faculty News

Prof. Mrinal Kanti Das, Head of the Department

Academic Activities

- Thesis Guide of Post-graduate (M.D., Ped) students.
- Undergraduate and Postgraduate students teaching
- Convener of MD (Pediatrics) examination , Sept. 2025 of West Bengal University of Health Sciences (WBUHS).
- Paper setter of MD (Pediatrics) of WBUHS.
- Moderator of Papers for MBBS and MD (Pediatrics) of WBUHS
- Adjudicator for Synopsis and Thesis for MD (Pediatrics) of WBUHS
- Secretary of Board of Studies (Pediatrics) of WBUHS
- Guided the PG students for Oral and Poster paper presentation in different conferences.

Reviewer : International Journal of Rheumatic Diseases (IJRD)

Publications :

- Roy S, Bhattacharya P, Dutta AK, Das MK. Impact of Xmn1 polymorphism on hydroxyurea therapy in HbE-B non-transfusion dependent thalassemia children: A cohort study. Clin Exp Pediatr 2025; 68(6), 437-44.
- Bhattacharjee R, Das S, Das MK, Basu S. KRAS-associated pediatric lipus: Expanding the genomic landscape of monogenic lupus. Lupus. 2025;0(0), 1-4. DOI:10.1177/09612033251378398
- Mondal R, Misra(Roy) S, Datta(Kanjilal) S, Gupta D, Das MK. Clinical and Etiological Profile of Acute Febrile Illness in Children Admitted to A Tertiary Care Hospital in Eastern India. SVU-International Journal of Medical Sciences.2025;7(2), 1008-15.

Subject Expert:

- Appointed by NBEMS, New Delhi, as subject matter expert for contributing to the question bank in the specialty of Pediatrics at MBBS Exit level.
- Acted as subject expert in different inter-departmental medical boards at IPGME&R/SSKMH
- Appointed as subject expert for recruitment of Teaching Faculty at ESIC Medical College, Joka, Kolkata on July 2025.

CME / Conference attendance:

Chairperson in 8th WB Pediatric Rheumatology Society Conference, May, 2025
Attended as Expert faculty in workshop and Judge for poster papers in EZPEDICON
Attended several CMEs as participant.

Prof. Malay Kumar Sinha

- In-charge of Head of the Department, Pediatric Cardiology, IPGME&R.
- Acted as Thesis guide of MD (Pediatrics) students of IPGME&R under WBUHS.
- Thesis adjudicator of MD (Pediatrics) of WBUHS and universities of other states.
- Acted as subject expert in different inter departmental medical board at IPGMER
- Paper setter in MD (Pediatrics) in WBUHS
- Acted as internal examiner of MD (Pediatrics)
- examination, December 2025 of WBUHS.
- Worked as AEFI state committee member, Govt. of West Bengal.
- State core committee member of NTD (neural tube defect).
- Nodal officer of state "Sishu Sathi Scheme"
- Acting Member of District Surrogacy Board Kolkata
- Attended as faculty in WBPEDICON.

Projects
- Principal Investigator Congenital Rubella syndrome Surveillance CRSS under ICMR

Prof. Atanu Roy,

Working as a Professor in Pediatric Medicine , taking charge of a Unit 1APediatric unit.

Examiner
- Acted as an Internal Examiner & Convener of 3rd Prof MBBS examinations.
- Examiner DCH Examinations
- MBBS and MD Examinations answer scripts checked.

Academics
- Has taken both lecture and practical classes for UG and PG students of this institute.
- Has guided the Dissertation of two MD (Pediatrics) students of session 2022-25.
- Working as a guide for Dissertation of Three MD (Pediatrics) students of session 2025- 28.

Dr. Dipankar Gupta
Associate Professor

Examiner
- Convenor & internal examiner of 3rd Prof MBBS, IPGMER(24.3.25-29.3.25)
- Convenor of MD (Pediatrics) Examination WBUHS)April-May 2025, held at IPGMER, Kolkata on 8.5.2025
- Internal examiner of 3rd Prof MBBS Exam(July2025) held IPGMER on 16.7.2025
- Examiner of MBBS & MD answer scripts at WBUHS

Academic
- Teaching (lectures and clinical) of MBBS Students,
- Clinical teaching of MD Students.
- Guide of theses of Dr Mouli Chatterjee titled "Clinico-epidemiological and radiological profile and short-term outcome of Pediatric Acute Demyelination Syndrome in a tertiary care Hospital in Eastern India."
- Guide of theses of Dr Asia Ansari titled "Clinical profile and early predicters of severity and outcome of Pediatric ARDS in Tertiary Care Hospital in PICU",
- Guide of theses of Dr Anirban Dutta titled "Prospective study of diagnosis, clinico-epidemiological profile and outcome of Sepsis in a Pediatric Emergency Department in tertiary care Hospital.
- Guides students in Seminar and case presentation

Conference Attended
- Attended meeting of Harvard Medical School on "Management of Neurological illness" in Mumbai on 1&2nd March, 2025;
- Acted as mentee & co mentor of level 2-3 Faculty trainer on Pediatric Simulation program under PEDISTARS, India ;
- Coordinator of Workshop on 'Basics of Diagnostics in Pediatric Neurology' held at OPD Seminar hall, IPGMER on 8.8.2025 as part of 5th National CME on Pediatric Neurology;
- Gave hands on demonstration on EEG Basics and gave talk on 'Basics of EEG Interpretation with graphs on 8.8.2025 as part of 5th National CME on Pediatric Neurology.
- Moderated Panel discussion on 'Holistic Management of Cerebral Palsy" on 9.8.2025 as part of 5th National conference in Pediatric Neurology;

- Attended International Child Neurology Congress AOCCN held between 16.9.2025 to 20.9.2025 as Yasobhumi Convention Centre, New Delhi
- Moderated panel discussion on 'How to investigate in chronic Childhood Neuromuscular Disorder on National Neuropedicon, Guwahati on 7-8th December 2025;
- Chairperson on session on Seluteminib in Childhood Neurofibromatosis in National Neuropedicon, December, 7, 8, 2025 held at Guwahati.
- Panelist of Panel on Early intervention: Need of the day " in 1st National Conference on Child Development " held on 8, 9th November, Circle Club; Kolkata,
- Discussed two clinical cases on Hyper IgD syndrome and Autoimmune Nodopathy presented by PGTs at WBAP Monthly Clinical meet on 27.11.2025 held at OPD Building, IPGMER, Kolkata;
- Attended GCP(Good Clinical Practice) training at IPGMER.

Dr. Sananda Pati

Assistant Professor
- Regular patient management at OPD and IPD as Unit In-charge -1(B)at IPGME&R
- Member Institutional Ethical Committee IPGME&R
- Guide and Co guide for dissertation of Post graduate students
- Participated in regular teaching of undergraduate and postgraduate students
- Guided the PG students for Oral and Poster paper presentation in different conferences and Clinical meet.
- Conducted regular simulation-based training in Emerging Pediatrics

Examiner
- Examiner for 3rdProfessional MBBS-11Final examination at IPGME&R, Kolkata, Apr 2025

Trainings Completed:
Basic life support (BLS) and Pediatric advanced life support (PALS) completed at IPGMER and chosen as **Instructor** potential March 2025
- Level -4 FDP in Simulation training in Emergency Pediatrics under Pedistars
- Presently co mentor for level 2 training under Pedistars.

Conferences and Academic events:
- Local Co-ordinator and Faculty of hands-on training at STEP Simulation training in emergency pediatrics and SNAP Workshop at IPGME&R 15th and 16th February2025
- Faculty at Pediatric life support for Undergraduates workshop in Perizia Aug 2025
- Faculty at WB PEDICON 25 on 2.11.2025.Panelist and speaker on the Topic :Refusal to feed
- Faculty Speaker at CME s organized under National One Health Mission. Zoonotic diseases in children on 06.11.2025. Spoke on Pediatric Scrub Typhus infection.
- Faculty Speaker at East Zone Regional Advance Level Training Programme in Pharmacovigilance Proactive Monitoring for a Safer TB Cure on challenges of ATD n children
- Guided Post graduate students for WBAP Clinical Meet
- Judge for E poster presentation for WB East zone Pedicon, Dec 2024

Research Project
Co-principal investigator of the research project
1.Congenital Rubella Syndrome Surveillance under ICMR
2. National One Health Mission (NOHM)

Reviewer
1.Frontiers in Immunology
2. BMC Pediatrics
3.American Journal of Case Reports

Dr. Satyabrata Roy Chowdhoury
Assistant Professor , PICU in-charge

Attended as Faculty:
- Asthmacon
- WB Pedicon
- National Yuva Pedicon
- Pediatric rheumatology conference
- National Pedicriticon: faculty in bronchoscopy workshop

Completed Courses:
- PALS/BLS instructor course
- Organized STEP and SNAP workshop on 15th and 16th February 2025 in IPGME&R

Dr. Suprit Basu, MD, DM (Pediatric Rheumatology)
Assistant Professor

Unit In-charge U-IIIA

Awards:
- Received the **Assoc-FAMS** degree from the National Academy of Medical Sciences (NAMS) India, on 9th November 2025, at Chandigarh, India
- Selected as an **expert** for the formulation of "Guidelines for diagnosis and management of Hereditary Angioedema in India: A consensus statement from the HEAL-India group"

Conferences/ Workshops/CMEs organized/ attended:
- Served as **Faculty** at the *Basic Research Methodology and Biostatistics Workshop*, Department of Neonatology, IPGME&R, Kolkata (January 2025), delivering a session on sampling techniques for observational and experimental studies.
- Served as **Faculty** at the *Workshop on Rare Diseases*, IPGME&R, Kolkata (January 2025), speaking on standard treatment protocols for selected rare diseases.
- Served as **Faculty** at the *Burdwan Academy of Pediatrics Conference (BAPCON) 2025*, delivering a lecture on bone and joint involvement in autoinflammatory diseases.
- Served as **Faculty** at the *WB Indian Rheumatology Association Annual Conference* (February 2025), presenting "Year in Review: Psoriatic Arthritis 2024."
- Served as **Faculty** at the *Pediatric Sepsis 360 Symposium* (March 2025), delivering a talk on immunomodulation in sepsis.
- Served as **Faculty** at the *GIAN Course on Long-Term Follow-Up and Cardiovascular Management in Pediatric Medium Vessel Vasculitis* (March 2025), delivering sessions on indications for CT coronary angiography in Kawasaki disease and the importance of accurate anthropometric measurements for Z-score assessment.
- Served as **Faculty** at the *8th West Bengal Pediatric Rheumatology Society Conference* and *Mid-Term CME of the Indian Society of Kawasaki Disease* (May 2025), speaking on vaccines in pediatric rheumatology.
- Served as **Faculty** at the *Pediatric Rheumatology and Immunology District Engagement (PRIDE) Program* (June 2025), delivering a session on identifying autoinflammatory diseases in children with pyrexia of unknown origin.
- Served as **Tutor** at *East Zone ADOLESCON*, Kolkata (August 2025), conducting the East Zone Adolescon Quiz.
- Served as **Faculty** at the *CME on Pediatric Rheumatology and Immunology: Core Concepts for the Clinician*, Chandigarh (August 2025), delivering a talk on the clinical approach to a child with arthritis.
- Served as **Faculty** at the *2nd East Zone Pediatric Rheumatology Conference*, Imphal, Manipur (August 2025), speaking on the approach to autoinflammatory disorders.
- Served as **Expert** at the *Hereditary Angioedema India EXPERT Meeting 2025*, organized by HAESI, Bangalore (September 21, 2025), delivering a lecture on the clinical features of hereditary angioedema.
- Served as **Faculty** at the *National Conference of Pediatric Rheumatology*, Indore (October 2025), participating in a panel discussion on vaccination in pediatric rheumatic diseases.
- Served as **Faculty** at the *Primary Immunodeficiency Workshop*, PedAllercon 2025, New Delhi (October 2025), delivering a session on the clinical approach to primary immunodeficiency disorders.
- Served as **Faculty** at the *8th National Conference of the Indian Society of Kawasaki Disease*, Kochi (November 2025), presenting on Kawasaki disease shock syndrome and myocarditis.
- Served as **Faculty, Abstract Evaluator, and Organizing Committee Member** at the *44th West Bengal PEDICON 2025*, Kolkata (November 2025), and acted as a poster judge.
- Served as **Faculty** at the *Bengal Uveitis Meet*, Kolkata (November 2025), delivering a lecture on biologics in pediatrics with a focus on practical challenges.
- Served as **Faculty and Organizing Committee Member** at the *Rare Disease Sensitization Program* (December 2025), delivering a session on diagnosis and management of common primary immunodeficiency disorders.

Dr. Shatanik Sarkar
MBBS, MD, DM (Pediatric Cardiology)
Joined as Assistant Professor in Department of Pediatrics after completing DM Pediatric Cardiology at AIIMS New Delhi.

Academic Activities:

- East Zone Pedicon (December, 2024, Kolkata) – Speaker [Speech on "PGE1 in Congenital Heart Disease – When to start and when not to?]
- Howrah Pedicon (09.02.2025) – Moderator in Panel discussion "Acute presentations in CHD"
- Workshop at Swasthya Bhavan (27.02.2025) – Speaker [Speech on "Early detection of Congenital Heart Disease – Role in reducing NMR and IMR]
- Bankura Pedicon (09.03.2025) – Panelist in a panel discussion on Pediatric Cardiology
- Anemia CME (May 2025, Kolkata) – Moderator in Panel discussion "Anemia in CHD"
- Yuva Pedicon (May, 2025, Puri) – Panelist in panel discussion (Interventions in Pediatric Cardiology)
- Murshicon (July, 2025, Baharampur) – Panelist (CXR in Pediatric Cardiology)
- East Zone Adolescon (31.07.2025, Kolkata) – Judge in Oral Paper presentation
- Divisional Round, IAP PG Quiz (21.08.2025) - Quiz Master
- Pediatric Cardiology CME (07.09.2025) – Faculty
- WB State Pedicon Workshop (01.11.2025) – Faculty (Speech on Arrhythmia in Office Practice)
- WB State Pedicon (02.11.2025) – Organizer (Joint Secretary) and Quiz Master (Test your Pediatric IQ)

Others:
- External examiner in 3rd Professional MBBS (Part II) examination – JNM, Kalyani (March, 2025)

Dr. Koushwambi Kar
MBBS, DMRT, MD Pediatrics , Clinical Tutor

- Worked as Tutor in the department of NEMS, joined as pediatric oncology unit incharge since 12.09.23 in the department of pediatric medicine.

- 1. Regular OPD and IPD management of pediatric oncology patients.
- 2. Participated in pediatric basic life support workshop, in IPGMER
- 3. Participated in ventilator workshop in IPGMER preconference workshop.
- 4. As a faculty in a workshop on non-invasive ventilation in WBPEDICON, on 8.12.23.
- 5. Faculty in POCUS Workshop in Criticon
- 6. Faculty in a panel discussion on hemolytic anemia on 10.12.23, WBPEDICON.

Dr. Mahaprasad Pal
Assistant Professor

- Jointly unit in charge U-IIA
- Promoted to Assistant Professor in February 2025
- Completed BCME (Basic Course in Medical Education), 2025

SERVICE INFORMATION

Total no. of Beds 105 (90 – at Alex Ward -1 and 15 at Alex ward -2), Haemato onco beds -12, 4th floor Main building as General Pediatric and Specialty Pediatric Ward
- Total annual admission in Pediatric ward – **4938 in 2025**, 4514 in 2024
  [4908 in 2023, 5471 in 2022, 6973 in 2021, 4224 in 2020, 5977 in2019, 5214 in 2018, 5155in 2017]
- Total annual death in Pediatric ward – **234 (4.7%)in 2025**, 258 (5.7%)
  [304 (6.1%) in 2023, 195 (3.5%)in 2022**,** 349(5%) in 2021, 262 (6.2%) in 2020, 248 (4.8%)in 2019**,** 248 (4.8%) 2018, 117 (2.27%) in 2017]

Patient care is rendered by all tiers of Doctors including the House physicians and internees.
Clinical Attachments of PGTs – to the NICU (Departmental of Neonatology) and PICU in addition to Pediatric ward and Pediatric Oncology ward. They are also sent for the District Residency program to render services at State Hospitals for 3 months during the tenure.
Thalassemia day care unit at Kolkata Police Hospital is run by doctors of our department.

Pediatric Intensive Care Unit (PICU) – 12 bedded with 8 ventilator beds and a 3 bedded step down including 1procedure bed
Total admission – 728 (Total Admission in PICU 630 in Dec 23 to Nov2024, 688 in 2023, 517 in 2022, 418 in 2021, 410 in 2020, 441 in 2019;414 in 2018)
Total ventilation - 356

Total Death - 137 (18.81%)

- Total ventilation -356, Invasive–261, non-invasive-95
- (Total patient in ventilation 215, (115 in NIV)[410 (170 NIV) in 2023, 168 (including 43 in NIV) in 2022, 154(including 24 in NIV) in 2021, 203 in 2020, 125 in 2019, 136 in 2018,]
- Total ventilation survival - 61.51%
- Survival of ventilated patient: 62.5% in 2024 (62% 255/410 in 2023) , 39% in 2021, 56% in 2020, 25.6% in 2019, 40.44% in 2018, 46.22% in 2017]

Total Renal replacement provided - 135

- Dialysis - 104
- Plasma Exchange - 31

Pediatric medicine Out Patient Department (OPD) and specialty clinic

Pediatric medicine OPD - At the ground floor of Eastern Wing of Main Block since April 2014

Total annual attendance of patients:**75, 031 in 2025**75, 812 in 2024
[56, 647 in 2023, 66673 in 2022, 45920 in 2021, 32345 in 2020, 55540 in 2019**,** 52330 in 2018, 46356 in 2017, 44686 in 2016]

- Old patients –**26, 589 in 2025**30, 612 in 2024
- [33, 146 in 2023, 27380 in 2022, 18162 in 2021**,** 13210 in 2020, 24420 in 2019**,** 23918 in 2018, 23580 in 2017, 21114 in 2016,]
- New patients – **48, 442 in 2025**, 45, 200 in 2024
- [23, 501 in 2023, 39293 in 2022, 19135 in 2020, 31120 in 2019**,** 28412 in 2018, 25353 in 2017, 23572 in 2016,]

Admission Days

Monday	Prof. Atanu Roy
Tuesday	Prof. Mrinal Kanti Das
Wednesday	Dr. Suprit Basu& Dr. Satyabrata Roy Chowdhury
Thursday	Dr. Dipankar Gupta
Friday	Prof. Malay Kumar Sinha
Saturday	Dr. Sananda Pati

Specialty Clinics

Special Clinics	**In Charge**	**Days and time**
Pediatric Nephrology	Dr. Mrinal Kanti Das	Tuesday (12 - 3pm)
PICU Follow up Clinic	Dr. Satyabrata Roy Chowdhury	Wednesday (12-3pm)
Pediatric Rheumatology	Dr. Suprit Basu	Friday (12-3pm)
Pediatric Haemato-oncology	Dr. Kowsambi Kar (In charge) with Dr. Pritam Roy Choudhury	Tuesday, Thursday (11am -2pm)

Well Baby & Immunization Clinic – Every Wednesday and Friday

Patient care service in the annexed Institutes –

- Khidderpore Maternity Home – Round the clock service by the doctors from this department during their Neonatology posting.
- Specialist OPD at Chetla UHTC and Muchisa RHTC under the aegis of Community Medicine Department.
- Patient care services at Vidyasagar Hospital and Metiaburuz SS hospital by doctors of the department during their District Residency rotation.

Pediatric Surgery

STAFF

SN	Name	Designation
1	Dr. Ruchirendu Sarkar [MS, MCh]	Professor & Head of the Department
2	Dr. Rishavdeb Patra [MS, MCh]	Professor
3	Dr. Sujay Pal [MS, MCh]	Associate Professor
4	Dr. Shibsankar Barman [MS, MCh]	Associate Professor
5.	Dr. Sudeshna Halder [MS, MCh]	Assistant Professor
6.	Dr. Arindam Ghosh [DNB, MCh]	Assistant Professor
7.	Dr. Md. Hadiuzzaman [MS, MCh]	Assistant Professor
8.	Dr. Aneek Roychoudhury [DNB, MCh]	Senior Consultant(Part time)
9.	Dr. Avijit Mitra (DNB,M.Ch.)	Senior Consultant(Part time)
10.	Dr. Saptarshi Poddar.(MS., MCh)	Senior Resident
11.	Dr. Debalina Karmakar(MS,MCh)	Senior Resident

Postdoctoral (MCh) Trainees

SN	Name	Session
1.	Dr. Jayanta Ranjan Mukhopadhyay [DNB]	2022-25: 2nd batch
2.	Dr. Rohit Shaw.(MS).	2024-27
3.	Dr. Babul Rahaman, (MS)	2024-27
4.	Dr. Roshni Stanley(MS)	2025-28
5.	Dr. Manisha Deghuria (MS)	2025-28
6.	Dr. Sinjini Pan(MS)	2025-28
7.	Dr. Arghya Pramanick	2025-28
8.	Dr. Agniswar Kundu	2025-28

FACULTY NEWS

Prof. Ruchirendu Sarkar, Professor & Head
Conferences attended
- WBPSACON 2025: Held at Apollo Gleneagles Multispecialty Hospital, Kolkata on 31st August, 2025

Prof. Rishavdeb Patra, Professor
Conferences attended
- PESICON 2025 at Amrita Institute of Medical Sciences, Kochi, held from 14th to16th February 2025.
- PMAS 2025 at AIMS Newdelhi held from 25th April to 27th April 2025.
- BSPNCON 2025 at Park Hotel, held on 8th June 2025.
- 46th State Annual Conference of WB Chapter of IAPS at Apollo Multi Speciality Hospital, Kolkata, held from 30th – 31st August 2025.
- 44th West Bengal PEDICON 2025 at Dhono Dhanyo Auditorium held on 2nd November 2025.

Dr. Sujay Pal, Associate Professor
Conferences attended
- WBPSACON 2025: Held at Apollo Gleneagles Multispecialty Hospital, Kolkata on 31st August, 2025
- IAPSCON 2025: Held at PURI, Odisa Swasti Beach Resort from 6th to 9th November, 2025

Dr. Shibsankar Barman, Associate Professor
Conferences attended
- WBPSACON 2025: Held at Apollo Gleneagles Multispecialty Hospital, Kolkata on 31st August, 2025

- IAPSCON 2025: Held at PURI, Odisa Swasti Beach Resort from 6th to 9th November, 2025

Dr. Sudeshna Halder, Assistant Professor
Conference attended
- WBPSACON 2025: Held at Apollo Gleneagles Multispecialty Hospital, Kolkata on 31st August, 2025

Dr. Arindam Ghosh, Assistant Professor
Conference attended:
- WBPSACON 2025: Held at Apollo Gleneagles Multispecialty Hospital, Kolkata on 31st August, 2025

Dr. Md. Hadiuzzaman, Assistant Professor
Conference attended:
- WBPSACON 2025: Held at Apollo Gleneagles Multispecialty Hospital, Kolkata on 31st August, 2025

DEPARTMENTAL PUBLICATIONS

1) Prospective study for outcome following Pyeloplasty for unilateral pelviureteric junction obstruction in Pediatric patients in a Tertiary Care Centre, Journal of Contemporary Clinical Practice,pISSN-3007-9845,eISSN-2457-7200, volume-11.no-2,2025,page-300-311,3rd, indexed in Embase
2) Our Experience of Pediatric Gall Stone Disease about it's incidence and Etiology in a Tertiary Care Centre, Journal of Cardiovascular Disease Research,, volume -16, issue -01,2025;page :757-773;, indexed in Embase
3) Efficacy of repairing Pediatric inguinal hernia via Laparoscopic needle assisted appoach, International Journal of Life sciences Biotechnology and Pharma Research,vol-14,no-10 online-,ISSN-2250-3137,print ISSN-2977-0122 page 1018-1021, October,2025 ; indexed in Embase
4) Importance of Renal Resistive Index as a Prognostic Marker in Unilateral Hydronephrosis Due to Ureteropelvic Junction Obstruction. Purnendu, Dutta; Barman, Shibsankar; Sudeshna, Halder; Biswajit, Mondal; Ruchirendu, Sarkar; Kumar, Biswas Sumitra. Journal of Indian Association of Pediatric Surgeons. 30(5):584-588, Sep-Oct 2025.
5) Significance of interstitial cells of Cajal in Hirschsprung's disease and intestinal neuronal dysplasia – A comparative study. Aniket Halder1, Firdous Wasim Sk2, Suman Kumar Das3, Ranajoy Ghosh1, Shibsankar Barman4, Ruchirendu Sarkar4, Uttara Chatterjee2Departments of 1GI Pathology, 2Pathology and 3Neonatology, Institute of Post Graduate Medical Education and Research, 4Department of Pediatric Surgery, Institute of Post Graduate Medical Education and Research, Kolkata, West Bengal, India

SERVICE INFORMATIONS

OPD: Monday, Wednesday, Friday
OT: Daily (except Sundays & specified holidays)

Total OPD cases	Total admissions	Total operations
New: 14897 Old: 7126	1704	Total Major Surgeries: 1614 Total Day Care (Minor) Surgeries: 612

Pharmacology

FACULTY

Name & Qualifications	Designation
Dr. Suparna Chatterjee MBBS, DTMH, MD, MAMS MNASc FRCP	Professor & Head
Dr. Mitali Chatterjee, MBBS, MD, PhD, FASc FNA FNASc FAMS FRCP FTWAS	Professor (Head till 30.11.2025)
Dr. Avijit Hazra MBBS, MD, FIPS	Professor
Dr. Amit Ghosh MBBS, MD (on deputation to WBUHS)	Professor
Dr. Tanmoy Kanti Goswami MBBS, MD (on deputation to WBUHS)	Associate Professor
Dr. Nafisha Yasmin MBBS, MD	Assistant Professor
Dr. Subhrangsu Chatterjee MBBS MD	Assistant Professor
Dr. Sarbajit Mazumder MBBS	Demonstrator

Senior Residents

Name & Qualifications
Dr. Shreya Kotal, MBBS, MD (from 30.05.2025) Dr. Niladri Sekhar Dingal MBBS, MD (till 17.07.2025)

Postgraduate trainees

Session 2022-2025	Session 2023-2026	Session 2024-2027
Dr. Sayan Mallick, MBBS Dr. Nadeem Chowdhury, MBBS Dr. Sreya Mazumder, MBBS Dr. Suman Saha, MBBS Dr. Ritwick Mondal, MBBS (Absent long-term)	Dr. Rohan Chatterjee, MBBS Dr. Shrabana Pal, MBBS Dr. Ruchi Sehra, MBBS Dr. Arabinda Singh, MBBS (Absent long-term)	Dr. Pratik Basu, MBBS Dr. Upamanyu Sangar, MBBS Dr. Saheli Roy, MBBS Dr. Tathagata Bakuli, MBBS

Research scholars and non-teaching staff

Name & Qualifications	Designation
Dr. Deblina Sarkar, PhD	Senior Research Fellow (ICMR), Awarded PhD in July, 2025
Dr. Shilpa Sengupta, PhD	Senior Research Fellow (CSIR), Awarded PhD in August, 2025
Mr. Aniruddha Bagchi, MSc	Senior Research Fellow (ICMR), Submitted 5000 words, pre-submission
Dr. Madhurima Roy, PhD	Senior Research Fellow (UGC) Awarded PhD in July, 2025
Ms. Sutopa Roy, MSc	Senior Research Fellow
Mr. Deep Goswami, MSc	Senior Research Fellow (DBT)
Ms. Mehelana Saha, MSc	Senior Research Fellow (UGC)
Ms. Chaitali Karmakar, MSc	Junior Research Fellow (UGC)
Ms. Chaitali Ghosh, MSc	Junior Research Fellow (UGC)
Dr. Shriya Saha, PhD	National Post Doctoral Fellow (SERB, Govt. of India)
Dr. Ratnaprabha Maji, MD	Asst. Professor, Pathology, NRS Medical College (Sun Pharma Clinical Research Fellow)
Dr. Surya Jyati Chowdhury, MD	Assoc. Professor, Microbiology, Sarat Chandra Chattopadhyay Govt. Medical College, Uluberia
Mr. Apurba Roy	Project Assistant

Medical Technologists (Laboratory)	Mr. Rajesh Hazra (till 08.04.2025)

TRANSFERS, POSTINGS AND SUPERANNUATIONS

- Prof. Mitali Chatterjee superannuated on 29.11.2025.
- Dr. Tanmoy Kanti Goswami sent on deputation to WBUHS on 06.08.2025.

FACULTY NEWS

Prof. Suparna Chatterjee

Administrative and Academic assignments

- Nodal person of IPGMER for the BRICS-NU and Convenor of IPGMER BRICS committee
- Secretary, Board of Studies for Pharmacology, West Bengal University of Health Sciences.
- Expert of the CDSCO, Govt of India team for Clinical trial site inspection.
- Expert Committee member of the Committee for revision of National formulary of India (NFI) 2026
- Chairperson, Core Training Panel of the Pharmacovigilance Program of India (PVPI), Ministry of Health & Family Welfare Govt of India since January 2024.
- Expert of the WHO Specifications for Pharmaceutical Preparations, Geneva since August 2023.
- Expert of the WHO International Nonproprietary Names (INN) Programme and Classification of Medical products, Geneva since August 2020.
- Member of the Signal Review Panel for Adverse Events following Immunization, Ministry of Health & Family Welfare, Govt of India, since November 2021.
- Subject Expert of the National Board of Examination, New Delhi.
- Convener, IPGMER NIRF group since 2022.
- Member of the IPGMER and SSKM Hospital Security and safety committee since December 2024.
- Member of the IPGMER AEFI following Covid vaccination monitoring committee, since Jan 2021
- Member of the National AEFI Committee, Ministry of Health and Family Welfare, Govt of India
- Member of the Subject Expert Committee (SEC) for approval of new drugs, CDSCO, Govt of India.
- Member of the Subcommittee constituted by CDSCO for rationality of FDC drugs
- Member of the Signal review Panel of the Pharmacovigilance Program of India (PVPI), Govt of India.
- Coordinator of the ADR monitoring centre under PVPI at IPGMER, Kolkata.
- Coordinator of the East Zone Regional for training and manpower development of the PVPI.
- Convener of IPGMER Pharmacovigilance Committee.
- Member of the Institute Ethics Committee of NICED (ICMR institute), Kolkata
- Member of the Institute Ethics Committee of Institute of Child Health, Kolkata
- Member of Research Advisory Committee, Institute of Child Health, Kolkata
- Chairperson of the Institute Ethics Committee of Manipal Hospital, Mukundapur, Kolkata
- MD examiner and/or paper setter at AIIMS Bhopal, AIIMS Raipur, AIIMS Bhubaneswar, KIMS, AIIMS Patna and other universities.
- MBBS and MD examiner at West Bengal University of Health Sciences.
- MD Pharmacology Examiner Thesis Adjudicator for the West Bengal University of Health Sciences, Kolkata and several other state and central universities.
- Member of Editorial Board of Indian Journal of Pharmacology
- Advisory Editorial board member of JAC- AMR(British Society of antimicrobial Chemotherapy.
- Reviewer of several national and international journals.
- Life member, National Association of Pharmacology & Therapeutics since 2025
- Life member, Forum for Ethics Review Committees in India (FERCI) since 2025

Guest lectures delivered and Conferences attended

- Organizer and speaker of the East Zone Advanced Level training program in Pharmacovigilance organized by organized by Department of Pharmacology, IPGME&R, Kolkata on 10th December 2025.
- Speaker at National Pharmacovigilance Week 2025 celebration, at AIIMS Kalyani, 23rd September 2025.
- Chairperson at CME on fight against MBL producing organisms and AMR organized by Tata Medical Centre and Pfizer, 19th September 2025.
- Chairperson at South Zone ALT program (online) organized by Nizam's Institute of Medical Sciences and ICSR, Hyderabad, 19th September 2025.
- Speaker at the International Webinar organized by NCC PVPI, IPC as National Pharmacovigilance Week celebration 2025, September 18th 2025.
- Panelist at the 15th International conference on Revolutionalizing Global Healthcare: Integrating Science Technology and Tradition, organized by NSHM Institute of Health Sciences, Kolkata 18th September 2025.
- Speaker at International Conference of Endocrinology Society of India ESICON 2025, 6th September 2025.
- Speaker at GCP Training program at IPGMER, Kolkata, 14th August 2025.

- Speaker at AIIMS MRU-DHR Kalyani and FERCI organized symposium on Research Ethics, August 2025
- Keynote speaker at Biostatistics International conference, Sankhya 2025 organised by Novartis, Hyderabad, 26th July 2025.
- Presenter of GCP training program of TAAB Biostudy Services, Kolkata, 16th May 2025
- Moderator of Panel Discussion at the John C. Martin Centre for Liver Research, IILDS, Sonarpur, 7th May 2025.
- Expert at the AMS OASIS workshop on validation of Standard Treatment Guidelines for various syndrome based infections, 21st April 2025 at Kolkata.
- Speaker at the West Zone ALT organized by KEM Hospital, Mumbai, 9th April 2025.
- Inaugural program speaker at the Regional Training Workshop on Implementation of the Pharmacovigilance Guidance Document for Marketing authorization holders, April 8th 2025, Kolkata.
- Speaker at VIMS and Sishu Mangal Hospital, GCP Training program, 29th March and 15th November 2025
- Speaker at IPGMER GCP Training program, 28th February 2025
- Speaker at West Zone ALT, BJ Medical College, Ahmedabad, 12th March 2025
- Speaker at IPGMER GCP Training program, 28th February 2025, 6th November, 2024.
- Organizer and speaker of CME program on Causality Assessment in Pharmacovigilance for faculty and students of Tata Manipal Medical College, Jamshedpur, 21st Feb 2025.
- Invited speaker and chairperson at 2nd National ISAICON Conference on Adult Immunization at Science City, Kolkata, 15th Feb 2025.

Ongoing research projects

- Co-Investigator of ICMR Indian clinical Trial and Education network (INTENT) at IPGMER and SSKM Hospital Kolkata site. Tenure: 2024-2029 (Approved)

Prof. Mitali Chatterjee (superannuated on 29.11.2025)

- Awarded JC Bose National Fellowship (until April, 2025), Science & Engineering Research Board SERB, Dept. of Science & Technology, Govt. of India.
- Awarded JC Bose grant (w.e.f. 3rd November, 2025)
- Served as Member, Scientific Advisory Board, ICMR, Govt. of India
- Nominated as Member of the Subject Expert Committee (SEC) 2025, in the area of Medicine for Rashtriya Vigyan Puraskar, Govt. of India.
- Acted as Chairperson, Institutional Animal Ethics Committee of IPGME&R, Kolkata
- Acted as Chairperson, Internal Committee, IPGME&R, Kolkata until September, 2025
- Served as Member, Institutional Ethics Committee, National Institute of Biomedical Genomics, Kalyani, Nadia.
- Coordinator, Nodal Centre for Molecular monitoring of VL & PKDL, Dept. of Health & Family Welfare, Govt. of West Bengal
- Served as Member, Scientific Advisory Committee, Vector Control Research Centre, Pondicherry, ICMR, Govt. of India and JALMA, Agra, ICMR, Govt. of India.
- Chairperson, National Committee for International Union of Physiological Sciences (IUPS) and International Union of Pharmacology (IUPHAR), Indian National Science Academy
- Member, Council of the National Academy of Sciences India, National Academy of Sciences, India, NASI, Prayagraj
- Nominated by Director General, ICMR to serve as Member, Screening Committee for 'Centre for Advanced Research', ICMR, Govt. of India
- Nominated by Director General, ICMR to serve as Chairperson/Co-chair/member of the Project Selection Committee (PSC) for Discovery Research Proposals, ICMR, Govt. of India
- Served as Member, State Level Task Force for Kala Azar, West Bengal
- Served as Member, BOOST program and Biotechnology section, Dept. of Science & Technology and Biotechnology, Govt. of West Bengal
- Served as Chairperson, Research Advisory Committee, Multidisciplinary Research Unit, Medical College, Kolkata
- Member, PhD Review Committee and PhD Coursework Panel of WBUHS, Kolkata
- Served as Examiner for Pharmacology examination, 2nd MBBS and MD, West Bengal Univ. of Health Sciences
- Served as MPhil/PhD examiner, Calcutta University, Jadavpur University, Jawaharlal Nehru University, Banaras Hindu University, Amity University.

Administrative & Academic assignments (International)

- Served as Member, WHO Guideline Development Group member for PKDL and VL treatment guideline in South Asia and East Africa
- Served as Member, WHO Skin NTDs Diagnostics & Laboratory Working Group- Core member

- Served as Member, Network Management Board, VAccine deveLopment for complex Intracellular neglecteD pAThogEns (VALIDATE), Univ. of Oxford funded through Medical Research Council, UK
- Served as Chairperson, Visceral Leishmaniasis, Scientific Advisory Committee 'The Infectious Diseases Data Observatory (IDDO)', Centre for Tropical Medicine & Global Health, Univ. of Oxford, UK
- Served as Member, 'The Infectious Diseases Data Observatory (IDDO)' Board, Centre for Tropical Medicine & Global Health, Univ. of Oxford, UK
- Served as Member, Scientific Advisory Board, Dioraphte Foundation, Netherlands
- Served as External Jury, PhD thesis of Ms. Lalita Roy, Institute of Tropical Medicine, University of Antwerp, Belgium

Presentations (Guest lectures)

- Neutrophils in pathogenesis of Post Kala-azar Dermal Leishmaniasis (PKDL): Friend or Foe?, Dept. of medicine, Banaras Hindu University, Varanasi, February 2025
- 'Immune infiltration in Post kala-azar Dermal Leishmaniasis', Dept. of medicine, Banaras Hindu University, Varanasi, February 2025
- 'Pharmacists are the bridge between the Technology developers and Technology users' Invited speaker, Dept. of Pharmaceutics, BITS, Mesra, Ranchi, March 2025
- "Kala-Azar Free Future: India's Story of Success and Sustainability" at the World Health Summit (WHS) Regional Meeting, New Delhi, April 2025
- 'Introduction to Research', JBNSTS, April 2025
- 'Diabetes mellitus; a Bird's eye view'; Therapeutics, Integrated Teaching Session, IPGMER, May 2025
- 'Lab diagnosis of VL and PKDL and validity of PoC field tests', National Kala-azar Review Meeting, & Training of Trainers (ToT) Workshop on Dossier Preparation and Case Management, Ranchi, September 2025
- 'Immunopathogenesis of hypopigmentation in Post kala azar dermal Leishmaniasis (PKDL)' Invited lecture, Institute of Tropical Medicine, Antwerp, Belgium, September 2025
- 'Innovative diagnosis for PKDL and Leprosy' VAccine deveLopment for complex Intracellular neglecteD pAThogEns (VALIDATE), September 2025

Served on Editorial Boards

- Associate Editor: Transactions of the Royal Society of Tropical Medicine & Hygiene, UK
- Associate Editor: PLoS Neglected Tropical Diseases
- Associate Editor: Phytomedicine and Phytomedicine Plus
- Reviewer for national and International journal

Prof. Avijit Hazra

Awards

- Bishnupada Mukherjee Memorial Oration Award of Indian Pharmacological Society, West Bengal state chapter.

Administrative and academic assignments

- Dean of Student Affairs of IPGME&R, Kolkata.
- Member Secretary, Institutional Ethics Committee, IPGME&R, Kolkata.
- Chairperson, IEC of Guru Nanak Institute of Dental Science & Research (GNIDSR), Panihati, Kolkata, Jagannath Gupta Institute of Medical Sciences & Hospital, Budge Budge, ESI-PGIMSR, Joka, Kolkata, and National Allergy Asthma & Bronchitis Institute (NAABI), Kolkata.
- Member, Institutional Ethics Committee (IEC) of Institute of Health & Family Welfare, Kolkata, Central Ayurved Research Institute (CARI), Kolkata, Peerless Hospital National Neurosciences Center, Kolkata, Health Point Hospital, Kolkata, PKG Medical College, Kolkata.
- Deputy Coordinator of ADR Monitoring Center (AMC) of the Government of India Pharmacovigilance Program of India (PvPI) at IPGME&R, Kolkata.
- Center In-charge for various medical and paramedical examinations at IPGME&R, Kolkata.
- Chairperson of Project Staff Recruitment Panels of IPGME&R, Kolkata.
- Convenor / Member of Antiragging Committee, Hostel Committee, Library Committee, Pharmacovigilance Committee and Merit cum Means Scholarship Award Committee of IPGME&R, Kolkata.
- MD Pharmacology Thesis Adjudicator for the West Bengal University of Health Sciences, Kolkata and 2 other universities.
- MD Pharmacology paper setter for JIPMER, Puducherry and AIIMS Rishikesh.
- Paper Setter for Pharmacology for National Board of Examinations in Medical Sciences (NBEMS), Govt. of India.
- Member, PhD Review Committee and PhD Coursework Panel of WBUHS, Kolkata.
- Guest Faculty for Diploma in Clinical Research & Regulatory Affairs course of Jadavpur University, Kolkata

- Statistical consultant for various departments of IPGME&R, Kolkata. Also associated with a few projects of other institutions as statistical advisor.
- Reviewer for Indian Journal of Medical Research, Indian Journal of Pharmacology (IJP), Indian Journal of Dermatology and Indian Journal of Dermatology Venereology Leprology. Served as Member of Editorial Board of IJP.
- Member, Expert Advisory Panel for Drug Selection and Procurement, Govt. of West Bengal.
- Member, Expert Advisory Panel for Containment of Antimicrobial Resistance, Govt. of West Bengal.
- Member of expert panel in pharmacology appointed by Government of West Bengal for inspections and purchases.
- Author and presenter of modules in the ICMR sponsored Online Prescribing Skills Course for the Indian Medical Graduate, launched on September 4th, 2020.
- Member, Curriculum Committee for MD Pharmacology and DM Clinical Pharmacology of National Medical Commission.

Guest lectures, meetings, conferences attended

- Lead faculty for GCP workshops conducted quarterly by state Institute of Health & Family Welfare, Kolkata.
- Faculty for Research Methodology & Biostatistics course conducted periodically by state Institute of Health & Family Welfare, Kolkata.
- Feb 28, Aug 14 and Dec 17, 2025: Organized GCP training programs at IPGME&R, Kolkata.
- Jan 18, 2025: Faculty for GCP workshop at Guru Nanak Institute of Dental Sciences & Research, Panihati.
- Jul 4, 2025. Faculty for GCP workshop at IDEACON-2025 in Kolkata.
- Aug 2, 2025: Faculty for GCP workshop at AIIMS Kalyani.
- Aug 19, 2025: Faculty for GCP workshop at Jadavpur University, Kolkata.
- Nov 7, 2025: Faculty for GCP workshop at NSHM Knowledge Campus, Kolkata.
- Dec 12, 205: Faculty for GCP workshop at B. R. Singh Hospital, Eastern Railways, Kolkata.

- Jan 16, 2025: Conducted Medical Quiz for MBBS students of IPGME&R, Kolkata on occasion of Foundation Day.
- Jun 12, 2025: Conducted KEM Centenary Pharmacology Quiz for MBBS students at Seth GS Medical College & KERM Hospital, Mumbai.
- Sep 22, 2025: Conducted Pharmacovigilance Quiz as part of National Pharmacovigilance Week Celebration 2025' at IPGME&R, Kolkata.
- Aug 29, 2025: Conducted Medical Quiz in PERIZIA-2025 at IPGME&R, Kolkata.
- Nov 20-22, 2025: Conducted the National Pharmacology Quiz in the 55th Annual Conference of the Indian Pharmacological Society at University Institute of Pharmaceutical Sciences, Chandigarh.

- Jan 23, 2025: Presented invited talk on 'Referencing' at APICON-2025 JAPI Session on The Art of Publication.
- Feb 5-7, 2025: Faculty and resource person in the International Conference on Patient Safety and 22nd Annual Conference of Society of Pharmacovigilance, India (SOPICON-2025) at AIIMS, Bhopal.
- Mar 20, 2025: Attended MRU conclave organized by DHR, MoHFW, Government of India at New Delhi, representing the institute.
- Mar 22, 2025: Delivered Bishnupada Mukherjee Memorial Oration 'INDIA in the global landscape of clinical trials' in the Indian Pharmacological Society, West Bengal State Conference, 2025.
- Jun 15, 2025: Invited talk on 'Common errors in analyzing data in clinical research' in Mid-CUTICON 2025 at JGIMS, Budge Budge.
- Jun 27-29, 2025: Participated in HOPECON-2025 in Kolkata as resource person / judge for multiple sessions. Conducted various competitive sessions.
- Jul 13, 2025: Invited talk on 'Steps in clinical research' in the Bengal Academy of Forensic Medicine CME in Kolkata.
- Aug 24, 2025: Invited talk on 'Clinical research for the practicing physician – pipe dream or reality?' at the 6th National Pulmonary Conference of the Chest Council of India (CCCICON-2025) in Kolkata.
- Sep 6, 2025: Invited talk on 'Protecting vulnerable population in research' in the 54th Annual Conference of The Endocrine Society of India (ESICON-2025) at Kolkata.
- Sep 20, 2025: Invited talk on 'The Future of Pharmacovigilance as a Career' in "Strengthening Pharmacovigilance for Safer Healthcare" symposium organized By: Department of Patient Safety, Netaji Subhash Chandra Bose Cancer Hospital, Nayabad, New Garia, Kolkata.
- Oct 25-27, 2025: Conducted Preconference workshop on 'Basic statistics in research' and acted as resource person in ISRPTCON-2025 at SCB Medical College, Cuttack.
- Dec 19, 2025: Faculty on online '18th Annual Short Course in Clinical Research Methodology' organized by Tata Memorial Hospital, Mumbai.

Prof. Amit Kumar Ghosh

- External examiner for the 2nd prof. MBBS examination (Supplementary), January 2025 at Burdwan Medical college, Burdwan (East)
- Convenor of 2nd prof. MBBS examination August 2025 at IPGMER, Kolkata
- External examiner for the 2nd prof. MBBS examination August 2025 at Jalpaiguri Medical College, Jalpaiguri.

- External examiner for the 2nd prof. MBBS examination August 2025 at Raiganj Government Medical College, Raiganj
- Author of the UG Pharmacology book Quest 5th edition 2025
- As an Administrator Inspector of colleges of The West Bengal University of Health Sciences, Kolkata
- Convenor of the Disciplinary Committee for adoption of unfair means during examinations under WBUHS
- Resource person for the GCP training programme at Homeopathy Medical College, Kolkata
- Attended IRSPTCON 2025 conference at Bhubaneswar, Odisha

Dr. Tanmoy Kanti Goswami

- Internal examiner for the 2nd prof. MBBS examination, at IPGME&R, Kolkata
- External Examiner for the 2nd Prof MBBS Examination at Diamond Harbor Government Medical College and Barasat Government Medical College
- Member of institutional ethics committee of Barasat Government Medical College & Hospital and Sarat Chandra Chattopadhyay Government Medical College & Hospital, Uluberia
- Nodal person for Counseling and Admission committee of IPGME&R for different Undergraduate and Post Graduate courses
- Reviewer of a national journal
- Officer on Special Duty- Dean, West Bengal University of Health Sciences

Dr. Nafisha Yasmin

- Attended East Zone Advanced Level Training Programme on Pharmacovigilance
- Undergraduate girls hostel superintendent, IPGME&R.
- In charge of Guestrooms, IPGME&R.
- In-charge UG (MBBS) Section, Office of the Dean of Student Affairs, IPGME&R.
- Member of Hostel Committee, IPGME&R.
- Member of Anti-ragging Committee, IPGME&R.
- Member of Anti-Ragging Squad, IPGME&R.
- Member of Academic Council, IPGME&R.
- Nodal officer for State Telemedicine Hub at IPGME&R and Swasthya Ingit, IPGME&R
- Verification Officer for NEET UG, NEET PG and NEET AYUSH 2025 Physical Document Verification for counselling at IPGME&R.
- Served as Examiner for 2nd Professional MBBS examination in August 2025

Dr. Subhrangsu Chatterjee

- Attended East Zone Advanced Level Training Programme on Pharmacovigilance
- Undergraduate New MBBS boys hostel superintendent, IPGMER
- Member of Hostel Committee, IPGME&R.
- Member of Anti-ragging Committee, IPGME&R.
- Member of Anti-Ragging Squad, IPGME&R.
- Coordinator of B.Sc. Nursing classes (Pharmacology), IPGME&R
- Nodal officer for State Telemedicine centre - Swasthya Ingit, IPGME&R

ACADEMIC ACTIVITY

The MBBS program of the department comprising theory, practical and tutorial sessions are running smoothly. The department also continued its usual PG teaching program comprising didactic lectures, seminars, journal clubs and practical demonstrations.

The department also undertook regular classes for BSc Nursing students of IPGME&R School of Nursing, Bachelor of Physiotherapy students of IPGME&R and students of various paramedical diploma courses posted in IPGME&R. The postgraduate medical students shared a large part of the teaching responsibility of these students.

The Department serves as a Nodal centre in West Bengal for testing of all suspected cases of kala-azar and Post kala-azar dermal Leishmaniasis (PKDL); the rK39 strip test and a DNA based assay is performed at the beginning and end of treatment. Training is being provided to govt. medical colleges based in kala-azar endemic areas.

PUBLICATION BY FACULTY, STUDENTS & RESEARCH SCHOLARS

1. **Sannigrahi S**, **Chatterjee S**. Suspected voriconazole induced xanthopsia: a case report and related review of literature. Ann Med Sci Res 2025;(in press; accepted on 24/8/25)
2. **Kotal S**, **Chatterjee S**, Pain S, Kundu AK. A Prospective Study to Assess the Profile and Outcome of Acute Paraquat Poisoning in a Tertiary Care Hospital of West Bengal. Indian J Crit Care Med 2025; 29(8):677–683.
3. Das D, **Kotal S**, **Chatterjee S**. How well do patients understand medication information written in prescriptions? A study from eastern India. Indian J Pharmacol 2025;1;57(2):83-89.
4. **Mazumder S**, **Chatterjee S**, **Kotal S**. Tuberculosis with Tofacitinib: Analysis of adverse drug reaction reporting trends in the WHO global drug safety database. Indian J Physiol Pharmacol. 2025 (in press)
5. Shukla AK, Khasbage SU, Jhaj R, Sadasivam B, Cherian JJ, Chugh PK, Tripathi CD, Desai CK, Patel PP, Trivedi NA, Chauhan J, Mathaiyan J, Manikandan S, Raveendran R, Gupta P, Kamat SK, Tripathi RK, Shetty Y, **Chatterjee S**, Das D, Faruqui AR, Chandy SJ, Dikshit H, Mishra H, Roy SS, Kumar R, Joshi R, Prakash A, Medhi B, Kshirsagar N. Prescribing trends of fixed-dose combination of domperidone and proton-pump inhibitor across tertiary care centers in India, is the combination rational? Indian J Pharmacol. 2025 May 1;57(3):159-165. doi: 10.4103/ijp.ijp_744_23
6. Pramanik K, Banerjee A, Chatterjee N, Ghosh A, Dhar P, **Chatterjee M**, Sengupta S, Chatterji U. High-fat diet exacerbates risk of prostate cancer in arecoline-induced prostatic hyperplasia via modulation of periprostatic adipose tissues in rats. Food Chem Toxicol. 2025;208:115870. doi: 10.1016/j.fct.2025.115870.
7. Bagchi A, Ghosh P, Ghosh A, **Chatterjee M**. Do intrasynovial T lymphocytes facilitate disease progression in patients with Rheumatoid Arthritis? Clin Exp Rheumatol 2025 (in press).
8. **Chatterjee M**, Sengupta R, Cloots K, Zijlstra EE. Report of the Seventh Post-Kala-Azar Dermal Leishmaniasis Consortium Meeting, Kolkata, India, 28-29 November 2024. Parasites & Vectors 2025 (in press).
9. Efferth T, Zacchino S, Georgiev M, He RR, Shen X, Albrecht U, Belwal T, Bhutia SK, **Chatterjee M**, Chen J, Chen ZY, Cho W., Devi SI, Eid AH, Orhan IE, Gao Y, Hosseinzadeh H, Hua Q, Khan H, Kuete V, Yücer R. (2025). 30th Anniversary of Phytomedicine: Looking Back and Forth. Phytomedicine : international journal of phytotherapy and phytopharmacology, 157525. Advance online publication. https://doi.org/10.1016/j.phymed.2025.157525
10. Singh-Phulgenda S, Dahal P, Maguire B, Alvar J, Alves F, **Chatterjee M,** Costa C, Croft SL, Guerin PJ, Mondal D, Musa A, Pandey K, Ritmeijer K, Romero G, Sundar S. The development of a global research agenda and individual participant data platform for visceral leishmaniasis: challenges and future opportunities. Parasites & Vectors 2025 (in press).
11. Manna A, Huang C-G, **Chatterjee M**, Huang C-T and Dutta A. Editorial: Community series in the regulation of the host immune activation in respiratory virus infections, volume II. Front. Immunol. 2025; 16:1695366. doi: 10.3389/fimmu.2025.1695366.
12. Saha M, Paul S, Ghosh P, **Chatterjee M**. Effect of Piper betle on oxidative stress in patients with Systemic Lupus Erythematosus. Ann Med Sci Res 2025;4: 90-98.
13. Roy M, Sengupta R, **Chatterjee M**. Mapping the immune landscape in South Asian post kala-azar dermal leishmaniasis. Ann Med Sci Res 2025;4:S65-73.
14. Saikia A, **Chatterjee M**, Roy S. Editorial. Ann Med Sci Res 2025;4:S1-2.
15. Karmakar C, Sarkar D, Ghosh A, Haldar D, **Chatterjee M**. Evaluating the leishmanicidal activity of m-Nitrocinnamic Acid containing Lipophilic Peptide against Leishmania donovani. Acta Trop. 2025:268: 107703. doi: 10.1016/j.actatropica.2025.107703.
16. **Chatterjee M,** Roy S, Croft SL. Challenges in sustaining the elimination of visceral leishmaniasis in India. Invited editorial, International Health 2025; 1–3; https://doi.org/10.1093/inthealth/ihaf063
17. Pradhan A, Chouni A, Sengupta R, Pal S, **Chatterjee M.** Garcinia cowa bark extract attenuates collagen-induced arthritis via inhibition of oxidative stress in rats. Int J Rheum Dis 2025 (in press)
18. Roy M, Bagchi A, Karmakar C, **Chatterjee M.** Transdifferentiation of neutrophils facilitates the establishment of infection by Leishmania donovani parasites. Infect Immun. 2025:e0040924. doi: 10.1128/iai.00409-24.
19. Dey NS, Dey S, Brown N, Senarathne S, Campos Reis L, Sengupta R, Lindoso JA, James SR, Gilbert L, Boucher D, **Chatterjee M,** Goto H, Ranasinghe S, Kaye PM. IL-32-producing CD8+ memory T cells define immunoregulatory niches in human cutaneous leishmaniasis. J Clin Invest. 2025;135:e182040. doi: 10.1172/JCI182040.
20. Naskar A, Ghoshal PK, **Chatterjee S**, Mondal R, Goswami TK, Biswas A. Effect of sodium glucose transporter 2 inhibitor (SGLT2i) on peak left atrium strain in patients with heart failure with preserved ejection fraction (HFpEF) and its correlation with N-terminal pro B type natriuretic peptide (NT pro BNP) level: a follow up study. J Pharmacol Res. 2025;24(3):171-174.
21. Bhunia P, Pan A, **Chatterjee S**, Bhattacharya R. Continuous thoracic paravertebral analgesia versus continuous thoracic epidural analgesia in a case of mastectomy under general anesthesia for perioperative pain management: a prospective observational study. Asian J Med Sci. 2025 Nov;16(11).
22. Book chapter: **Hazra A**. The essentials of biostatistics. In: Mondal R, editor. Pediatric clinical immunology and rheumatology. New Delhi: CBS Publishers & Distributors; 2024. p. 389-420. eISBN 978-93-546-6829-6.
23. Zamal A, Sk MH, Saha B, **Hazra A**. Comparison of bovine lipid extract surfactant and Poractant Alfa administered via LISA in preterm infants (28+0 to 34+6 week) with respiratory distress syndrome: A randomized controlled trial. Pediatr Pulmonol 2025; 60(9): e71281. doi: 10.1002/ppul.71281.
24. Bala M, Choudhury S, Sarkar S, Sil A, **Hazra A**. Effectiveness of oral methotrexate in combination with topical calcipotriol compared to methotrexate alone in plaque psoriasis: an observational study. Acta Med Int 2025;12(3): 151-6.
25. Sindhu S, Das S, Mahato SK, Mehdi MD, Chatterjee C, **Hazra A**, Mukhopadhyay K. Flipped classroom-based teaching as a tool for reinforcement of learning among undergraduates - an analytical study. Ind J Physiol Pharmacol 2025; EPub Ahead of Print: 13 Sep 2025. doi: 10.25259/IJPP_707_2024.
26. Banerjee S, Adak A, Dutta D, Pratim Pan P, Nandy M, **Hazra A**, Mondal RK. Angular assessment of joints in juvenile idiopathic arthritis. Rheumatol Immunol Res 2025; 6: 1-6. doi: 10.1515/rir-2025-0001.

27. Zamal A, Bora RL, Chaudhuri S, Saha B, Bandyopadhyay S, **Hazra A**. Cut umbilical cord milking (C-UCM) in preterm twin gestational births-a randomized controlled trial. Eur J Pediatr 2025 Feb 26;184(3):212. doi: 10.1007/s00431-025-06042-7.
28. Saha S, Mondal T, Bankura B, Biswas SH, Raychaudhuri D, **Hazra A**, Biswas I, Mondal RK. The impact of print media on COVID-19-related child health issues in India: First comprehensive report from the world. Int J Sci Tech Res Archive 2025; 08: 74-81. Doi: 10.53771/ijstra.2025.8.2.0035.
29. Chowdhury KP, Choudhuri R, Swaika S, **Hazra A**, Mukhopadhyay J, Dey A, Mukherjee S, Syamal AK. A prospective study on determination of early nutrition intervention for patients admitted in a level I trauma care centre. World J Pharmaceutical Res 2025;14: 729-51.
30. Zamal A, Sk MH, Saha B, **Hazra A**. Comparison of efficacy between beractant and poractant alfa in respiratory distress syndrome among preterm infants (28-33+6 weeks gestational age) using the less invasive surfactant administration (LISA) technique: A randomized controlled trial. J Perinatol 2025; 45(6): 823-9.

Theses publication, student and research scholar information

The following theses were successfully defended at the MD Pharmacology examination of the West Bengal University of Health Sciences, in 2025.

Name	Year	Title of dissertation	Guide/Co-Guide
Dr. Sayan Mallick	2022-2025	The contribution of Look Alike Sound Alike medicines to the problem of medication error in a tertiary care teaching hospital: a cross-sectional observational study	Prof. Avijit Hazra Dr. Subhrangsu Chatterjee
Dr. Nadeem Chowdhury	2022-2025	Factors affecting medication adherence in bipolar disorder in a tertiary care hospital: A cross-sectional observational study	Dr. Gairik Sengupta Prof. Avijit Hazra Dr. Sujit Sarkhel
Dr. Sreya Mazumder	2022-2025	Profile of usage of vasopressors and inotropes and their outcome in neonatal shock: a prospective observational study in a neonatal intensive care unit	Prof. Suparna Chatterjee Prof. Bijan Saha Dr. Anindya Kumar Saha
Dr. Suman Saha	2022-2025	Assessment of medication adherence and quality of life in patients with obsessive compulsive disorder in a tertiary care hospital: a cross-sectional study	Dr. Gairik Sengupta Dr. Nafisha Yasmin Dr. Sujit Sarkhel

The following MD dissertations are ongoing in the department

Name	Year	Title of dissertation	Guide/Co-Guide
Dr. Rohan Chatterjee	2023-2026	Medication profile and treatment response in acute exacerbation of chronic obstructive pulmonary disease: A prospective longitudinal observational study in a tertiary care hospital	Prof. Suparna Chatterjee Prof. Animesh Mandal Dr. Subhrangsu Chatterjee
Dr. Shrabana Pal	2023-2026	Prevalence, awareness, treatment and control of hypertension in adults: An OPD based observational study in a teaching hospital	Prof. Avijit Hazra Dr. Nafisha Yasmin
Dr. Ruchi Sehra	2023-2026	Comparative evaluation of molecular tests for monitoring treatment efficacy in patients with visceral leishmaniasis and Post kala-azar dermal Leishmaniasis	Prof. Mitali Chatterjee Dr. Nafisha Yasmin
Dr. Pratik Basu	2024-2027	A Prospective longitudinal study on perioperative antimicrobial use pattern for elective surgeries in Orthopaedics and General Surgery in a tertiary care hospital	Prof. Suparna Chatterjee Prof. Avijit Hazra
Dr. Upamanyu Sangar	2024-2027	A prospective study on Therapeutic Drug Monitoring (TDM) guided decision making of voriconazole therapy for Invasive Fungal diseases.	Prof. Suparna Chatterjee Dr. Yogiraj Ray Dr. Ayan Basu
Dr. Saheli Roy	2024-2027	Effectiveness and tolerability of liposomal iron compared to conventional iron supplementation in treating iron deficiency anemia in antenatal women: a randomized controlled trial	Prof. Avijit Hazra Dr. Nafisha Yasmin Dr Sambhunath Bandyopadhyay
Dr. Tathagata Bakuli	2024-2027	A prospective observational study to determine adherence and bleeding risk to dual antiplatelet therapy post percutaneous coronary intervention in a tertiary care hospital in West Bengal	Dr. Tanmoy K Goswami Dr. Pradip Kumar Ghoshal Dr. Subhrangsu Chatterjee

Research scholars are pursuing following projects

SN	Name	Guide	Topic of research	Status
1	**Mr. Aniruddha Bagchi**	Prof. Mitali Chatterjee Prof. Parasar Ghosh	Role of transdifferentiation of neutrophils into neutrophil-dendritic cell hybrids in synovial fluid of patients with Rheumatoid Arthritis	Senior Research Fellow (ICMR)
2	**Dr. Deblina Sarkar**	Prof. Mitali Chatterjee	Study of mitochondrial bioenergetics in Indian Leishmaniasis	Senior Research Fellow (ICMR) **Awarded PhD**
3	**Dr. Shilpa Sengupta**	Prof. Mitali Chatterjee	Study of Immune Bioenergetics in diseases mediated by intramacrophagic pathogens	Senior Research Fellow (CSIR) **Awarded PhD**
4	**Dr. Madhurima Roy**	Prof. Mitali Chatterjee	Role of neutrophils in immunopathogenesis of Indian Leishmaniasis	Senior Research Fellow (UGC) **Awarded PhD**
5	**Ms Sutopa Roy**	Prof. Mitali Chatterjee	Study of genetic polymorphisms in Indian Leishmaniasis	Senior Research Fellow
6	**Dr. Surya J. Chaudhuri**	Prof. Mitali Chatterjee	Epidemiological monitoring of the kala-azar elimination program in West Bengal	Assoc. Prof., Sarat Chandra Chattopadhyay Govt. Medical College & Hospital, Uluberia.
7	**Mr. Deep Goswami**	Prof. Mitali Chatterjee	Evaluation of tissue microarchitecture in Indian Post Kala-Azar Dermal Leishmaniasis (PKDL)	Senior Research Fellow (DBT)
8	**Ms. Mehelana Saha**	Prof. Mitali Chatterjee Prof. Parasar Ghosh	Establishing the role of neutrophils towards the pathogenesis of rheumatoid arthritis	Senior Research Fellow (UGC)
9	**Ms. Chaitali Karmakar**	Prof. Mitali Chatterjee	Evaluation of the immunomodulatory role of endoperoxides in Indian Leishmaniasis	Senior Research Fellow (UGC)
1	**Ms. Chaitali Ghosh**	Prof. Suparna Chatterjee Prof. Mitali Chatterjee	Impact of active surveillance on Kala-azar elimination programme in West Bengal	Junior Research Fellow (UGC)
1	**Dr. Shriya Saha**	Prof. Mitali Chatterjee	Investigating the status of Inflammasome in Post kala azar Dermal Leishmaniasis	National Post Doctoral Fellow (SERB)

Presentations by students and research scholars

1. **Dr. Rohan Chatterjee** Comparing Safety Reporting Trends of Eplerenone versus Spironolactone in WHO global drug safety database, Uppsala Awards Oral Paper Presentation, SoPICON (6^{th}-7^{th} February, 2025), AIIMS, Bhopal (Oral presentation)
2. **Dr. Nadeem Chowdhury** Factors affecting medication adherence in bipolar disorder in a tertiary care hospital: A cross-sectional observational study, HOPECON (27^{th}-29^{th} June, 2025), Kolkata (Oral Presentation)
3. **Dr. Shrabana Pal** Assessing the impact of lifestyle modifications and associated factors on Hypertension; ISRPTCON 2025, (25^{th} -27^{th} October, 2025), SCB Medical College, Cuttack (Oral presentation)
4. **Dr. Rohan Chatterjee** Medication profile and treatment response in acute exacerbation of chronic obstructive pulmonary disease: A prospective longitudinal observational study in a tertiary care hospital, NAPTICON (28^{th}-29^{th} November, 2025), PSG IMSR, Coimbatore (Oral Presentation)
5. **Chaitali Karmakar** Macrophage polarization and metabolic reprogramming in Visceral Leishmaniasis. IPGME&R Foundation Day 2025
6. **Chaitali Karmakar** Evaluating the pro-apoptotic properties of m-Nitrocinnamic Acid containing lipophilic peptide (LP) in Leishmania donovani. Global Immunology Summit- 2025, Faridabad
7. **Mehelana Saha** Is activation of the inflammasome in patients with Rheumatoid Arthritis associated with disease progression? Global Immunology Summit- 2025, Faridabad
8. **Mehelana Saha** Oxidative stress can trigger the inflammasome in neutrophils of Rheumatoid Arthritis. 17^{th} TCS Annual Meeting & Workshop, 2025, Kolkata.
9. **Deep Goswami** Immune mediated remodeling of Tissue Microarchitecture in Post-Kala-Azar Dermal Leishmaniasis. Immunocon-2025, MNNIT, Prayagraj
10. **Shriya Saha** Role of chemokines and their receptors in lesional $CD8^+$ T cells homing in Indian post Kala-azar dermal leishmaniasis (PKDL). 17th TCS Annual Meeting & Workshop, 2025, Kolkata
11. **Madhurima Roy** Transdifferentiation of neutrophils facilitates the establishment of infection by Leishmania donovani parasites. 17th TCS Annual Meeting & Workshop, 2025, Kolkata
12. **Madhurima Roy** Innovative Diagnosis for PKDL/Leprosy. Invited Speaker, VALIDATE Annual Meeting 2025, Cape Town, South Africa.

AWARDS AND HONORS

- **Prof. Mitali Chatterjee** TCS Oration Award, 2025, The Cytometry Society, Kolkata
- **Prof. Mitali Chatterjee** Dr. Rajendra Prasad Oration, 2025, ICMR-Rajendra Prasad Memorial Research Institute of Medical Sciences, Patna
- **Prof. Avijit Hazra** received the Bishnupada Mukherjee Memorial Oration Award of Indian Pharmacological Society, West Bengal state chapter in 2025.
- **Ms. Mehelana Saha** Best Presenter Award, 69th Foundation, Day of IPGMER, Kolkata, 15th-17th January, 2025 (Oral Presentation)
- **Dr. Shriya Saha** Awarded 3rd Prize, Oral presentation, 17th TCS meeting, Kolkata
- **Dr. Madhurima Roy** Awarded 1st Prize, Poster presentation, 17th TCS meeting, Kolkata
- **Dr. Madhurima Roy** Awarded VALIDATE Network 'Post-doctoral Training Grant', 2025, for Lab exchange visit to Immunology & Infection, QIMR Berghofer, Medical Research Institute, Brisbane, QLD, Australia

Ongoing RESEARCH PROJECTS

In addition to MD thesis projects, the following projects are currently ongoing in the department

SN	Title of the project	Duration	Funding agency
1.	A multicentric longitudinal cohort with nested case-control study for the assessment of immunological correlates of long-term protection against SARS-CoV-2 infection among fully vaccinated health-care workers.	2021-2025	As Co-Investigator, ICMR, Govt. of India
2.	JC Bose Fellowship	2020-2025 (April)	SERB, Dept. of Science & Technology, Govt. of India.
3.	JC Bose grant	No. 2025-2028	ANRF, Govt. of India
4.	Develop novel test for PKDL/Leprosy diagnosis	2022-2026	International Collaboration with University of Oxford, UK Bill & Melinda Gates Foundation, BMGF
5.	Understanding the link between immune pathology, hypopigmentation and pathogen control in Post kala-azar Dermal Leishmaniasis (PKDL) and Leprosy	2024-2028	International Collaboration with Karolinska Institute, Sweden Dioraphte Foundation, Netherlands
6.	Investigating the status of the inflammasome in Post kala-azar Dermal Leishmaniasis	2024-2026	SERB, Govt. of India Prof. Mitali Chatterjee (as mentor) Awarded to Dr. Shriya Saha
7.	Impact of inflammasome on hypopigmentation in patients with Post kala-azar Dermal Leishmaniasis	2024-2027	Sun Pharma Science Foundation Clinical Research Fellowship 2023, Awarded to Dr. Ratnaprabha Maji
8.	Determining cause of death profiles among vulnerable communities to improve health interventions: pilot test of a practical verbal autopsy tool	2023-2024	Prof. Suparna Chatterjee

Physical Medicine & Rehabilitation

The department of Physical Medicine & Rehabilitation started its journey in the year of 1958. In the year 1979, post-graduation course in PMR (MD) started in Physical medicine & Rehabilitation Department for the first time in India i.e., then School of Physical Medicine (SPM). Since then, the department has recorded many firsts. This department has the distinction of being the pioneering institute in the country to run this course since that time. Apart from MD PMR, this department is the pioneering institute among state run medical colleges for BPT course and MPT Neuro-Rehab course.

Along with OPD and IPD facilities, currently all types of procedures related to Interventional Physiatry are done in this department. There also has been expansion with Neuro-rehabilitation and Pediatric rehabilitation at Sambhunath Pandit Hospital, IPGME&R-Annex 2, and Sports rehabilitation at Sports medicine.

A) Faculty

Dr. Rajesh Pramanik; MD (Cal), MRCP (UK), FRCP (Glasgow), FRCP (London), Professor & Head
Dr. Firdaus Kamal MD (Cal) Professor
Dr. Amalesh Basak MD (Cal) Associate Professor
Dr. Vasundhara Ghosal DNB (NBE) Associate Professor
Dr. Tuhin Ray MD (Cal) Assistant Professor
Dr. Swarnali Mondal MD Assistant professor
Dr. Siddhartha Sinha Ray MD Assistant professor
Dr. Ushnish Mukherjee MD Assistant professor
Dr Nabarun Gupta MD Assistant professor
Dr. Jaya Tirkey MBBS (Cal) RMO cum Clinical Tutor
Dr. Tapan Kumar Pal MD (Cal) Senior Consultant

B) Senior Residents

Dr. Krishnendu Dey MD (Cal)

C) Postgraduate trainees (MD [PMR])

2022-2025	2023-2026	2024-2027
Dr. Abhirup Sen Dr. Ishwarlal Singh Dr. R. Hari Vignesh Dr. Sheezan Pervez Dr. Apurbalal Sarkar	Dr. Basudeb Gorai Dr. Bhaskar Mazumdar Dr. Souvik Mandal Dr. Soumya Dutta Dr. Zainul Abidheen Dr. Surya Sobhan Kundu	Dr. Sayantan Mukherjee Dr. Kishan Debbarma Dr. Shibabrata Mukherjee Dr. Namrata Nand Dr. Kausik Roy Dr. Vivek Barman Dr. Koel Kundu Dr. Moslem Mahaldar Dr. Saikat Paine Dr. Thajuna Shervin K H

D) Physiotherapy Unit

Mr. Manas Kumar Dan (MPT) – Assistant Professor (Physiotherapy)

Physiotherapists

In SSKM campus

- Mr. Bipul Kumar Saha
- Mr. Shankhabrata Bhunia
- Mr. Saikat Banerjee
- Ms. Puja Karmakar
- Mr. Kaushik Mal
- Mr. Abhijit Bain
- Mrs. Shatabdi Middya
- Mr. SK Abu Taher Ali
- Mrs. Sudhanya Dwibedi

At Neuro and Pediatric rehabilitation ward

- Mrs. Anusree Bera Chakraborty
- Mrs. Monalisa
- Mr. Pushan Das

E) Occupational Therapy Unit

Mrs. Rani Kumari.

F) Prosthetic & Orthotic Unit

Ms. Swarnita Behra

G) Other Staff

Ms. Arundhathi Mukherjee (UDC)
Mr. Sushil Rajbanshi (GDA)
Mr. Sundar Lal (GDA)

FACULTY NEWS

Dr. Rajesh Pramanik

- Chairman East zone handicapped board for NMC
- Member at state level to assist Disability Commissioner of State
- Member of Allied Health Council of Govt of West Bengal
- Secretary of BOS, WBUHS (PM&R), PDCC Pain Management.
- Leading Faculty of Neuro-rehabilitation and PDCC Pain Management
- Leading faculty Sports rehabilitation of Sports Medicine
- Reviewer of peer review journals
- Examiner of MD PMR & DNB PMR
- Chairman, Academic Committee of IAPMR WB chapter
- Thesis Adjudicator, PhD Guide, Expert for faculty selection
- Faculty, Annual Conference of IAPMR State Conference of IAPMR (WB Branch)
- Member of State Medical Faculty
- Faculty of different workshops on interventional pain management

Dr. Firdaus Kamal

- Attended State conference of IAPMR (WB Branch)
- Examiner of BPT
- Member of Disability board of IPGME&R
- Faculty of Pediatric rehabilitation

Dr. Amalesh Basak

- Attended State conference of IAPMR (WB Branch)
- Faculty in PDCC Pain Management

Dr. Vasundhara Ghosal

- Member of Disability Board at IPGMER
- Attended state conference of IAPMR (WB Branch)
- Faculty of Pediatric rehabilitation
- Nodal person of East zone handicapped board for MCI

Dr. Tuhin Ray

- Attended state conference of IAPMR (WB branch)
- Consultant of Sports rehabilitation at Sports Medicine

Dr. Siddhartha Sinha Roy

- Attended state conference of IAPMR (WB branch)
- Active member of Neurorehabilitation

Dr. Swarnali Mandal

- Attended state conference of IAPMR (WB branch)
- Active member of neurorehabilitation and interventional physiatry.

Dr. Ushnish Mukherjee

- Attended state conference of IAPMR (WB branch)
- Active member of sports rehabilitation and interventional physiatry

Dr Nabarun Gupta

- Attended state conference of IAPMR (WB branch)
- Active member of Interventional Physiatry

Dr Jaya Tirkey

- Attended state conference of IAPMR (WB branch)

Dr. Tapan Kumar Pal

- Attended state conference of IAPMR (WB branch)

PROJECTS

SN	Title of Thesis	PGT and session	Guide	Co-Guide
1.	Comparative study of percutaneous adhesiolysis with isotonic saline vs hypertonic saline in management of failed back surgery syndrome.	Dr. Harivignesh 2022-2025	(Dr.) Rajesh Pramanik	
2.	A comparative study on improvement in isokinetic parameters of rotator cuff muscles between conservative treatment and additional electromyographic biofeedback in Subacromial impingement syndrome.	Dr. Abhirup Sen 2022-2025	Dr. Firdaus Kamal	
3.	Assessment of improvement in balance after implementing fall prevention techniques in patients with osteoporosis.	Dr. Laiphrakpam Ishwarlal Singh 2022-2025	Dr. Amalesh Basak	
4.	A comparative study on improvement un gait parameters between 6%phenol chemoneurolysis and Onabotulinum toxin type A in Post-stroke spasticity.	Dr. Sheezan Perwez 2022-2025	(Dr.) Rajesh Pramanik	
5.	Foot pressure analysis in healed diabetic foot ulcer.	Dr. Apurbalal Sarkar 2022-2025	Dr. Vasundhara Ghosal	
6.	Efficacy of Botulinum toxin A injection in upper limb dystonia.	Dr. Surya Shoban Kundu 2023-2026	Dr. Firdaus Kamal	Dr. Siddhartha Sinha Ray
7.	Effectiveness of USG guided pudendal nerve block in case of detrusor sphincter dyssynergia due to traumatic spinal cord injury.	Dr. Basudeb Gorai 2023-2026	Dr. Rajesh Pramanik	Dr. Amalesh Basak
8.	Comparative study between local trigger point injection and USG guided cluneal nerve block in a case of atypical low back pain.	Dr. Zainul Abhidheen 2023-2026	Dr. Firdaus Kamal	Dr. Tuhin Ray
9.	Comparative study of efficacy between botulinum toxin vs phenol chemoneurolysis in post stroke upper limb spasticity.	Dr. Souvik Mandal 2023-2026	Dr. Rajesh Pramanik	Dr. Swarnali Mondal
10.	Efficacy of biofeedback in management of partial anterior collateral ligament tear.	Dr. Bhaskar Mazumdar 2023-2026	Dr. Firdaus Kamal	Dr. Vasundhara Ghosal
11.	Comparative efficacy between conservative versus pulsed RFA in glenohumeral osteoarthritis.	Dr. Soumya Dutta 2023-2026	Dr. Rajesh Pramanik	
12.	Efficacy of USG guided selective nerve root block in treatment of Chronic Cervical Radicular pain	Dr. Sayantan Mukherjee 2024-2027	Dr. Rajesh Pramanik	Dr. Ushnish Mukherjee
13.	Effects of USG guided percutaneous needle tenotomy on gait parameters of cerebral palsy children with tendoachilles contracture.	Dr. Kishan Debbarma 2024-2027	Dr. Firdaus Kamal	Dr. Ushnish Mukherjee
14.	Effectiveness of Platelet Rich Plasma therapy with dynamic balance training in the management of Partial anterior cruciate ligament tear	Dr.Shibabrata Mukherjee 2024-2027	Dr. Firdaus Kamal	Dr. Siddhartha Sinha Ray
15.	Role of Repetitive Transcranial Magnetic stimulation in improving speech in patients with chronic post stroke motor aphasia:- a sham controlled study	Dr. Namrata Nand 2024-2027	Dr. Rajesh Pramanik	Dr. Swarnali Mandal
16.	A comparative study between fluoroscopy guided gray ramus communicans block and percutaneous vertebroplasty in treatment of acute & subacute osteoporotic vertebral compression fracture.	Dr. Kausik Roy 2024-2027	Dr. Rajesh Pramanik	Dr. Nabarun Gupta
17.	A study on the efficacy of biologics in limiting disability and improving functional outcomes in patients with Ankylosing spondylitis.	Dr. Vivek Barman 2024-2027	Dr. Vasundhara Ghosal	Dr. Swarnali Mandal
18.	Effectiveness of Repetitive Transcranial Magnetic stimulation in Fibromyalgia patients	Dr. Koel Kundu 2024-2027	Dr. Amalesh Basak	Dr. Tuhin Ray
19.	Efficacy of Intradiscal Ozone Injection in patients with Discogenic low back pain	Dr. Moslem Mahaldar 2024-2027	Dr. Vasundhara Ghosal	Dr. Tuhin Ray
20.	Correlation of improvement in USG & Nerve conduction study parameters afterHydrodissection in Carpal Tunnel syndrome	Dr. Saikat Paine 2024-2027	Dr. Amalesh Basak	Dr. Siddhartha Sinha Ray
21.	Efficacy of Saphenous nerve block in antero-medial knee pain due to osteoarthritis: Randomised controle trial	Dr. Thajuna Shervin K H 2024-2027	Dr. Firdaus Kamal	Dr. Nabarun Gupta

SERVICE INFORMATION

Departmental service is divided into General PMR Services and other sub-specialties.

General PMR: The Services include OPD services, IPD, OT, Daycare interventions, etc., IPD includes 21 general Beds and 2 cabin beds. It includes comprehensive rehabilitation of musculoskeletal disorders like traumatic injuries, rheumatologic conditions, amputations, acute and chronic pain management. Complete management of spinal regional pain including USG and fluoroscopy guided blocks. Platelet rich plasma injections are given for joints and tendinopathy.

Neuro-Rehabilitation: The Services include OPD services, IPD (30 Beds), OT, etc., Comprehensive steps for diagnosis and rehabilitation of neurological disability due to stroke, traumatic brain injury, spinal cord injury, GB syndrome, peripheral neuropathy, myasthenia gravis and parkinsonism by our rehabilitation team. Daily physiatrist assessment, expertise focused therapy, proper orthotic and prosthetic fitting and physiatrist intervention including regional block, specific pain intervention, phenol block gait assessment and training with various prosthesis and orthosis offered to our differently abled patients. Onabotulinum Toxin A Injection and Baclofen pump used for spasticity management are other important features for better patient care.

Pediatric rehabilitation: The Services include OPD services, IPD (5 Beds), OT, etc., Comprehensive diagnosis and rehabilitation of pediatric patients with cerebral palsy, myopathy, spino-muscular atrophy, osteogenesis imperfecta, metabolic disorders. It includes spasticity management, neuro-developmental training, gait assessment and training with various prosthesis and orthosis.

Pain Medicine: The Services include OPD services, Daycare interventions, etc., Comprehensive diagnosis and rehabilitation of patients with various painful disorders like injuries, tumors, musculoskeletal disorders etc.

Sports Medicine: Services include OPD and various diagnostic and therapeutic interventions. It includes rehabilitation of various sports related injuries by clinical assessment, gait analysis, balance analysis, isokinetic training, etc.

Bed occupancy and turnover rate are also excellent. Department is actively involved in sports rehab at sports medicine, rare disease clinic at Kolkata Police Hospital/

Clinical schedule

Days	OPD	Interventional Procedures at OT	Assessment	Academic activities
Monday	General PMR-OPD (Unit-2)	USG and C-arm guided Intervention (Unit -1)	Isokinetic assessment	Seminar / Classes
Tuesday	General PMR-OPD (Unit -1), Pediatric Rehabilitation Clinic	USG guided Intervention, PRP, other interventional procedures (Unit -2)	MMT	Case Presentation,
Wednesday	General PMR-OPD (Unit-2) Rare disease clinic	USG guided Intervention & PRP (Unit -1)	Balance analysis	Journal presentation
Thursday	Neuro-Rehab Clinic Pain-medicine clinic	TCC, Ponseti casting Injections, C-arm guided interventions (Unit-1)	Gait analysis in Gait lab	Case Presentations,
Friday	General PMR OPD (Unit -1)	USG & C-ARM guided interventions (Unit-2)	Foot assessment & foot pressure analysis	Journal presentation
Saturday		USG guided interventions & PRP (Unit -2)	Bicycle ergometry	Seminar / Classes

OPD location:

- General PMR and Pain Medicine Clinic in Ground floor of Dept of PMR (New Building)
- Pediatric and Neuro-Rehab Clinics at Sambhunath pandit Hospital (IPGMER Annex-2), Ground Floor of New Building.
- Rare Disease Clinic in Kolkata Police Hospital (IPGMER Annex-3)

OPD	Total OPD
General PMR OPD	98761
Neuro-rehabilitation Clinic	1312
Pediatric rehabilitation Clinic	492
Pain Medicine Clinic	410

Indoor patient: Total admitted 577; Referral indoor patient management 1549

Ward	Total No of Admissions
General PMR ward	520
Neuro-rehabilitation ward	203
Pediatric rehabilitation ward	38

Procedures / interventions performed

a) Local infiltration – Avg 57/Week
b) Total contact casting – Avg 2/week
c) Ponseti casting – Avg 1/week

d) **USG guided procedures**

Cervical SNRB	12	Intra-articular knee	845
Stellate Ganglion block	3	GT / Ischial / Pes anserine bursitis	100
CTS Fenestration	450	Adductor tendinitis	35
Intra Articular Shoulder	305	Bicipital Tendinitis	65
Suprascapular nerve block	322	Tarsal tunnel	15
Myofascial Band/ Trigger Point	497	Subacromial/Subdeltoid Bursitis	40
Tenosynovitis (DQ/TF)	390	Meralgia Paresthetica	132
Wrist IACS	29	Hydrodissection of sciatic nerve in pyriformis syndrome	23
Elbow IACS	22		
1st CMC, PIP, DIP joint	15	Hydro-dilatation of shoulder	53
Piriformis block	23	Ankle IACS	57
Genicular nerve block	257	TA enthesitis / RCB / Plantar Fasciitis	370
Tennis/Golfers Elbow	90	Lumbar Facet/ MBB	17
Hip IACS	20	Occipital nerve block in vertigo	11
SI joint	23	Caudal epidural block	59
Erector spinae plane block	15	Cluneal nerve block	15
Intercostal Nerve block	3	Saphenous nerve block	45
Dry needling	24		
Botulinum toxin injection in hernia	5		

e) **Fluoroscopic guided procedures**

Transforaminal epidural Block	340	Caudal Epidural Block	89
Stellate ganglion block	15	Ganglion Impar Block	27
Gasserian ganglion block	1	Sacroiliac joint injection	26
Sphenopalatine block	1	Hip joint injection	72
Lumbar sympathetic block	10	Celiac plexus block	1
Selective nerve root block	85	Femoral/Obturator nerve Block	28
Lumbar medial branch block/Facet	105	Vertebroplasty	5
Percutaneous Adhesiolysis	35	Gray rami communicans block	2
Ozone nucleolysis in Discogenic pain	5		

f) **Spasticity intervention:**

• Diagnostic Block (Motor point / Nerve block) for spasticity	60
• USG guided Obturator nerve phenol chemo-neurolysis	10
• USG guided onabotulinum toxin injection	102
• USG, nerve stimulator guided tibial nerve phenol chemo-neurolysis	26
• Tibial nerve phenol chemo-neurolysis with nerve stimulator guidance	20

g) **Collaborative work**

- Dept of Endocrinology: Diabetic foot ulcer total contact casting – 80
- Depts of Neuromedicine, Neurosurgery: Rehabilitation of MND, CVA, SCI, Movement disorder, Neuropathy – 89
- Dept. of Pediatrics: Management of Cerebral Palsy, CTEV, Myopathy – 62
- Dept. of Plastic Surgery: Management of brachial plexopathy, pressure injuries, Tendon contracture – 24
- Dept. Of Urology: Bladder rehab Intervention:- 38

h) **Radio-Frequency Ablation for Chronic Pain Management:**

- Gasserian Ganglion 1
- Stellate ganglion 1
- Suprascapular nerve 28
- Cervical Facet Medial Branch 2
- Lumbar facet medial branch 24
- Sacroiliac joint 4
- Femoral / Obturator nerve 18
- Ganglion impar 3
- Genicular nerve 78
- Biacuplasty 6

i) **Swallowing disorder management:**

- Video fluoroscopic swallowing study – 10
- USG guided Cricopharyngeal Onabotulinum toxin A injection – 1

j) **Platelet Rich Plasma Prolotherapy:**

- Partial tear of Rotator cuff/ Skeletal Muscle – 154
- Partial tear of ACL – 98
- OA knee – 35
- Pressure sore – 28
- Tendinosis / tenosynovitis / RCB – 14
- TA / ATFL injury – 4

k) **Hyaluronic acid Injection** in OA Knee – 153

j) **Prosthesis and Orthosis:**

Our department provided high end prosthesis for post amputation patients like

- Myo-electric transhumeral prosthesis – 1
- Myo-electric transradial prosthesis – 2
- Myo-electric transfemoral prosthesis:- 1

Physiotherapy (OPD+IPD):

- Exercise therapy – 55765
- Electrotherapy – 4345

Occupational therapy (OPD+IPD): 8723

PO Consultation (OPD+IPD): 3567

Disability Board

As an additional responsibility, our department organize disability board every year on number of occasions for disability assessment for various all India examinations and other purposes. Following are the data for year 2024.

NEET-UG – 159	JENPAS – 97	Miscellaneous – 55
NEET-PG – 21	ANM/GNM – 203	
NEET-MDS – 2	JEPBN-4	
AYUSH – 3	JEMSCN- 4	

Physiology

FACULTY

1.	Dr. Kakali Roy Basu	Professor & Head
2.	Dr. Debasis Addhya	Professor
3.	Dr. Sangita Sen	Professor
4.	Dr. Piyali Das	Professor
5.	Dr. Rupa Goswami	Assistant Professor
6.	Dr. Kuntalika Mani	Assistant Professor
7.	Dr. Sudipta Saha	Assistant Professor
8.	Dr. Subhabrata Ghosh	Assistant Professor

Retired and/or transferred

1.	Dr. Arnab Sengupta	Professor, retired on 30th April, 2025.
2.	Dr. Subhankar Kumar	Associate Professor, transferred on 04/09/2025.

Postgraduate Trainees

Session 2022-25	Session 2023-26	Session 2024-27
Dr. Sajid Islam Dr. Ashok Baidya	Dr. Seikh Naushad Hussain Dr. Soumyojyoti Ghosh Dr. Riddha Saha Dr. Sumita Mandal	Dr. Shibashish Kumar Dr. Anirban Chakrabarty Dr. Rimi Sikder Dr. Chhandabani Kar Dr. Harsh Bharti

Medical Technologists (Laboratory)	Clerical staff	Other non-teaching staff
Mrs. Sovabati Paul (Karmakar)	Mrs. Soumi Bardhan, LDC	Mr. Latif Molla, GDA Mr. Jugweshwar Prasad, GDA Ms. Ami Valmiki, GDA

ACADEMIC ACTIVITY

Physiology courses conducted by the department for:

- MBBS (200 seats/year)
- MD Physiology (5 seats/year)
- BPT Course.
- Regular Theory and Practical classes for UG & PG courses.
- UG Elective Courses on Electrocardiography, Nerve conduction studies, Cardio-pulmonary exercise testing, Autonomic Function Tests.
- Regular assessments and periodic evaluation (including Semester) for UG & PG courses.
- UG Seminar, Self Directed Learning, Tutorials, Group Discussions, Early Clinical Exposure, AETCOM modules.
- Periodic evaluation of PG course.
- Microteaching for PG course.
- Regular PG seminars.
- Regular journal clubs.

Research and Laboratory facilities:

1. Neurophysiology lab for NCV studies.
2. Biochemistry lab for biochemical parameters like urea, creatinine, glucose, lipid profile by spectrophotometer for research purpose.
3. Hematology lab for routine hematology investigation like Hb%, TC, DLC, PCV, ESR, Platelet count, reticulocyte count & bone marrow study.
4. Cardio-respiratory Lab. Including synchronization studies
5. Exercise Physiology Lab.
6. Autonomic function Lab, including Heart Rate Variability.
7. Sports Physiology Lab. including CPET, D-Wall, Finometry etc. at Sports Medicine Facility.

Ongoing Research Project: ICMR STS Research Project by Rimjhim Gorai, 3rd year MBBS student, ongoing from December 2024.

Title: Evaluation of Geometry of Poincaré plot of R-R interval time series in Type 2 Diabetes Mellitus patients.

Lectures and Workshops:
Conducted Workshop & Hands-on training: Autonomic Function Tests and Heart Rate Variability (HRV) on March, 2025. Resource persons- Dr. Jean Fredrick, Associate Professor and Dr. Aruna R., AIIMS, Kalyani.

Thesis Submitted in 2025

1. Dr. Sajid Islam: "Evaluation of maximum oxygen uptake and determination of anaerobic threshold of professional soccer trainees."
2. Dr. Ashoke Baidya, Topic: "Physiological variation in nerve conduction parameters in healthy adult males of Indian origin."

Thesis works ongoing

1. Dr. Soumyojit Ghosh, Topic: "Study of Nerve Conduction Parameters among Middle Aged Women with Various Degrees of Hypothyroidism".
2. Dr. Naushad Sk., Topic: "Evaluation of cardio respiratory synchronization in Normal and COPD patients of different age and sex groups"
3. Dr. Riddha Saha, Topic: "Auditory perception of sound of a fixed spectrum of harmonics presented with varying phase difference"
4. Dr. Sumita Mondal, Topic: "Quantitative evaluation of tendon jerks in hypothyroid patients."
5. Dr. Anirban Chakrabarty, Topic: "Quantitative Dependence of Vo_2 MAX on Exercise-Induced change in Peripheral Vascular Resistance in young athletes.
6. Dr. Shivashish Kumar, Topic: "Study of Soleus H-Reflex among middle-aged Indian diabetics with different duration of disease and glycemic control.
7. Dr. Rimi Sikder, Topic: Assessment of abnormalities in Autonomic function in patient with ulcerative colitis in active disease and in remission.
8. Dr. Chhandabani Kar, Topic: Impact of obesity on peripheral nerve conduction among middle-aged Indian population.
9. Dr. Harsh Bharti, Topic: Association & prevalence of obesity and sarcopenia in adult population of eastern India - A cross-sectional observational study.

Faculty news

Prof. (Dr.) Kakali Roy Basu
Academic activities:

- State APPICON, 2025 at Medical College and Hospital, Kolkata
  Annual State Conference of the Association of physiologists and pharmacologist of India held at Medical College & Hospital Kolkata during 28th February – 1st March, 2025.
- Completed training on POSH Act 2013, conducted on 11th October 2025 (online) by Tech Trainers and Testers Pune.
- Participated in ISGCON 2025 (Indian Society of Gastroenterology) from 31st January- 1st February 2025.
- AMASICON at Jaipur, Rajasthan from 27th -30th August, 2025.

Prof. (Dr.) Sangita Sen
Academic activities & Publications:

- Delegate in 11th APPI State Conference at Medical College, Kolkata on 28th February & 1st March, 2025.
- "Isometric Hand Grip Exercise: Can It be Beneficial for Cardiovascular Health?" in Journal of the Indian Medical Association, Vol 123, No 10; October 2025.
- Teacher Facilitated Structured Self -Directed Learning Module for Phase 1 MBBS Students in Physiology in "Annals of Medical Science & Research", in December 2025 (accepted).

Prof. (Dr.) Piyali Das
Academic activities:

- Oral presentation of original Research work on: "Electroneuronogram of Facial Nerve, an authentic electrodiagnostic tool to assess the cases of facial palsy." at International Conference of Basic and Applied Physiology at Karan Medical College, Surat, in December 2025.
- Presented oral paper at state APPICON, at Medical College, Kolkata in March, 2025.
- Achieved First position in Medical Debate on " It's time to write obituary to stethoscope" in multidisciplinary National Conference, HOPECON in June, 2025, at Kolkata.

- Achieved First position in extempore speech competition on " Active euthanasia should be legalized in India." in HOPECON, in June 2025 at Kolkata.
- Presented invited lecture in a symposium on "Introduction to Research in MBBS course" at PERIZIA at IPGME&R, Kolkata in August, 2025.
- Presented lectures in integrated seminars on "Obstructive jaundice" and "Diabetes mellitus: a birds eye view" at IPGME&R, Kolkata.
- Participated in CME on "Clinical Data analytics and impact of AI in health care discission making" at Calcutta National Medical College in April, 2025.
- Presented poster at a CME on Diabetes and Obesity on 17th July, 2025, at NRS Medical College.

Publications:

- "Nerve Conduction among Middle- aged Indian diabetic males without Clinical neuro-deficit." in Journal of Clinical and Diagnostic Research 2025; 19(9): 5-9.
- Teacher Facilitated Structured Self -Directed Learning Module for Phase 1 MBBS Students in Physiology in "Annals of Medical Science & Research", in December 2025 (accepted).

Dr. Rupa Goswami
Academic activities:

- Attended 11th APPI State Conference on 1st March, 2025 at Medical College Kolkata.

Dr. Kuntalika Mani
Academic activities:

- Delegate in 11th APPI State Conference at Medical College, Kolkata on 28th February & 1st March, 2025.
- Resource person in workshop on "Quantitative evaluation of deep tendon reflex by Electro-goniometry" on 28th February, 2025.
- Participated on CME on "Time to lend inner ear: Noninvasive electrical Vestibular Nerve stimulation" held at Sikkim Manipal University of Medical Sciences on 21st August, 2025
- Resource person in workshop on electro goniometry at academic fest of IPGME&R (PERIZIA) on 25th August, 2025.

Dr. Sudipta Saha
Academic activities:

- Delegate in 11th APPI State Conference at Medical College, Kolkata on 28th February & 1st March, 2025.
- Resource person in workshop on "Quantitative evaluation of deep tendon reflex by Electro-goniometry" on 28th February, 2025.
- Participated on CME on "Time to lend inner ear: Noninvasive electrical Vestibular Nerve stimulation" held at Sikkim Manipal University of Medical Sciences on 21st August, 2025
- Resource person in workshop on electro goniometry at academic fest of IPGME&R (PERIZIA) on 25th August, 2025.

Dr. Subhabrata Ghosh
Academic activities:

- Oral paper presentation in 11th State APPICON 2025, Medical College, Kolkata: 'Resting bradycardia in trainee footballers: Does it relate to peak O2 pulse? A preliminary study.'
- Oral paper ISSEMCON 2024: 'Simultaneous abrupt increase in O2 pulse and respiratory exchange ratio may indicate lactic acid production: A hypothesis.'
- Workshop on "AI & GONIOMETRY" MCH Kolkata on 1st March, 2025.
- "Decoding Life: A hands-on workshop in computational Biology for Medicine-series 1 AIIMS Kalyani on 6th March, 2025.
- Attended WBASCON 2025 Kolkata from 23rd May to 25th May, 2025.
- Underwent BCME Course in IPGME&R from 19th June to 21st June, 2025.
- Workshop on "GCP & Clinical Ethics" JIMSH Kolkata on 28th June, 2025.
- Workshop on "Scientific paper writing", at IPGME&R, Kolkata on 5th September, 2025.

Plastic and Reconstructive Surgery

FACULTY

1.	Dr. Arindam Sarkar	Professor & Head
2.	Dr. Tibar Banerjee	Associate Professor
3.	Dr. Dipankar Mukherjee	Associate Professor
4.	Dr. Kalyan Das	Assistant Professor
5.	Dr. Monoranjan Sow	Assistant Professor
6.	Dr. Debtanu Bhattacharya	Assistant Professor
7.	Dr. Dhritashree Mondal	Assistant Professor
8.	Dr Asit Baran Mondal	Assistant Professor

Medical Officers

- Dr. Jayanta Kumar Saha
- Dr. Rajib Datta

Senior Residents

- Dr. Anirban Basu
- Dr. Govind Sharma
- Dr. Susar Mandi
- Dr. Satyajit Naskar

Postdoctoral (MCh) Trainees

Session 2022-25	Session 2023-26	Session 2024-27
Dr Sharbani Ghosal Dr Dipasmita Sarma Dr Dattatreya Hazra Dr Abhinandan Mojumder Dr Rajiv Kumar Dr Sharbori Kundu Dr Someshubhra Dattaroy Dr Adarsh Manjunath	Dr. Oli Das Adhikari Dr. Tamoghna Das Dr. Abhik Chowdhury Dr. Divyashree Path Dr. Nibedita Ray Pramanik Dr. Komal Sharma Dr. Karan Khandelwal	Dr. Agniban Chakraborty Dr. Camelia Pal Dr. Ellen Pachuau Dr. Shibin George Dr. Geevar Alex Dr. Ankita Mandal Dr. Sujit Sah

Faculty News

Prof. Arindam Sarkar

- ✓ Attended national review meeting under NPPMT& BI (MoHFW, Govt. of India), ORGANISED BY AIIMS, NEW DELHI ON 19TH DECEMBER 2025
- ✓ Attended Mid-term CME of APSWB on 31st oct & 1st Nov. 2025
- ✓ Attended annual conference of APSWB on 28th &29th June 2025
- ✓ Participated in training program on Good Clinical Practice organized in IPGME&R on November 2024.
- ✓

Publications

1. Priyadarshinee, P., Sow, M., Sarkar, A., Sharma, K., & Sharma, G. "A COMPARATIVE STUDY OF POST-BURN NECK CONTRACTURE RELEASE AND COVERAGE WITH FLAP VS GRAFT". International Journal of Scientific Research, vol. 13, no. 12, Dec. 2024, 10.36106/ijsr.
2. Adhya, A., S. . Gayen, M. . Sow, K. Das, and A. . Sarkar. "Prospect of utilizing expired homologous platelet concentrates as human platelet lysate (hpl) - an alternative source of growth factors and cytokines in clinical setup for better wound care and healing". *Asian Journal of Pharmaceutical and Clinical Research*, vol. 17, no. 2, Dec. 2023,

Dr. Tibar Banerjee

Publications

1. Banerjee T, Basu A, Bera S, Adhikari S.Aesthetic and Functional Outcomes of Primary Hypospadias Repair: A Single-centre Prospective Interventional StudyJ Clin of Diagn Res.2024; 18(12):PC01-PC05. https://www.doi.org/10.7860/JCDR/2024/71379/20387.

2. Banerjee S, Halder SK, Banerjee T, Das D, Biswas R, Chakraborty S, Saha D. Comparative study between fentanyl and dexmedetomidine as adjuvant to ropivacaine in supraclavicular brachial plexus block: A prospective and randomized study. Asian J Med Sci [Internet]. 2024 Nov. 1;15(11):1-6. https://nepjol.info/index.php/AJMS/article/view/67561
3. Maji C, Biswas H, Bandyopadhyay T, Chattopadhyay S, Dutta S. in Atomization, addition of Dexmedetomidine to lignocaine can be a better alternative than lignocaine alone in airway preparation for awake fibreoptic intubation- A randomized controlled trial. Int J Acad Med Pharm. 2024;6(1):524-30. 10.47009/jamp.2024.6.1.104.

- ✓ Attended annual conference of APSWB on 28th &29th June 2025
- ✓ Attended Mid-term CME of APSWB on 31st oct & 1st Nov. 2025
- ✓ Attended APSICON 2024 held at Coimbatore
- ✓ Participated in training program on Good Clinical Practice organized in IPGME&R on November 2024.

Dr. Dipankar Mukherjee

- ✓ Attended annual conference of APSWB on 28th &29th June 2025
- ✓ Attended Mid-term CME of APSWB on 31st oct & 1st Nov. 2025

Publications

1. Chaturvedi V, Chejara Sk, Mukherjee M P, Mukherjee D; "Reconstruction Following Full Thickness Excision of Abdominal Wall Tumors:A Prospective Observational Study Conducted in A Tertiary Care Government Hospital in Eastern India". Asian Journal of Medical Sciences Vol 14, Issue 3.March 2023
2. Ghosh M, Mukjerhee M P, Chaturvedi V, Mukherjee D; " Estimation of Serum Bilirubin As A Diagnostic Laboratory Marker of Acute Appendicitis and Its Role in Prediction of Appendicular Perforation". Asian Journal of Medical Sciences Vol 14, Issue 6, June 2023
3. Nath S, Karmakar S, Mukherjee D, Jha A K; "Evaluation of Various Options for Resurfacing of Soft-Tissue Defects of Dorsum of Hand and Their Outcome Assessment". Asian Journal of Medical Sciences Vol 13, Issue 12, Dec 2022

Dr Kalyan Das

- ✓ Attended SKIN Bank National Meet Under NPPMT& BI (MoHFW, Govt. of India), ORGANISED BY AIIMS, NEW DELHI on 26th November 2025.
- ✓ Attended annual conference of APSWB on 28th &29th June 2025
- ✓ Attended Mid-term CME of APSWB on 31st oct & 1st Nov. 2025

- ✓ Completed the provider course of ADVANCED TRAUMA AND LIFE SUPPORT ATLS at SNU Kolkata 14-16th January 2024
- ✓ CO INVESTIGATOR IN ICMR funded PROJECT entitled Efficacy and safety of PRP as an adjunct therapy to split thickness skin graft in burn patients with granulating raw wounds at IPGMER
- ✓ Presented paper on novel technique of gynecomastia surgery in annual conference of association of plastic surgeons of west Bengal 15 03.2024
- ✓ Participated in training programme of GOOD CLINICALPRACTICE at IPGMER, Kolkata 11.05.2024
- ✓ Participated and donated blood for Association of Surgeons of India WB Chapter blood donation camp
- ✓ Delivered invited talk at AIIMS KALYANI on Pediatric Burns as a social marker on World Plastic surgery day 15.07.2024
- ✓ Invited talk on Use of Dermal template in post burn contracture of Hand MASTERCLASS KOLKATA CHAPTER DR REDDYS on 26.07.2024
- ✓ Current update on dermal regeneration matrix 13.08.2024 at CRUX PERIZIA 2024, IPGMER, KOLKATA
- ✓ Completed NOTTS Non technical Skills course for Surgeons by Royal College of surgeons of Edinburgh, 11.08.2024
- ✓ Attended 47th annual conference of HAND SURGEONS of India, Australia, emirates and Singapore 4-6 October 2024 at Bangalore, India (INDIAN SOCIETY FOR SURGERY OF HAND) and became annual life member and presented paper on
    1. Tuberculosis of hand and forearm: Is there a consensus in treatment?
    2. Management of Mangled hand injury a stepladder approach

- ✓ Panelist and invited speaker on Organ transplant Panel cum symposium at SASICME 2024, Medical College Kolkata on HAND TRANSPLANTATION 15-17th November 2024

- ✓ Brachial plexus cadaver dissection workshop faculty RESOURCE PERSON at Medical College, Kolkata on14th December 2024 organized by Association of Plastic surgeons of west Bengal

Publication

1. Adhya, A., S. . Gayen, M. . Sow, K. Das, and A. . Sarkar. "Prospect of Utilizing Expired Homologous Platelet Concentrates As Human Platelet Lysate (Hpl) - An Alternative Source of Growth Factors and Cytokines in Clinical Setup for Better Wound Care and Healing". *Asian Journal of Pharmaceutical and Clinical Research*, vol. 17, no. 2, Dec. 2023,

Dr. Monoranjan Sow

- ✓ Attended annual conference of APSWB on 28th &29th June 2025
- ✓ Attended Mid-term CME of APSWB on 31st oct & 1st Nov. 2025

Publications

1. Sharma, G., Sow, M., Roy, D., & Alex, S. "ANALYSIS OF FLAP PERFUSION BY MEASURING CAPILLARY GLUCOSE LEVELS IN PEDICLED FLAPAND FREE TISSUE TRANSFER". International Journal of Scientific Research, vol. 13, no. 12, Dec. 2024, 10.36106/ijsr.
2. Priyadarshinee, P., Sow, M., Sarkar, A., Sharma, K., & Sharma, G. "A COMPARATIVE STUDY OF POST-BURN NECK CONTRACTURE RELEASE AND COVERAGE WITH FLAP VS GRAFT". International Journal of Scientific Research, vol. 13, no. 12, Dec. 2024, 10.36106/ijsr.

Dr. Debtanu Bhattacharya

- ✓ Attended annual conference of APSWB on 28th &29th June 2025
- ✓ Attended Mid-term CME of APSWB on 31st oct & 1st Nov. 2025

Publication

1. Bhattacharya D, Adhikari O, Adhikari S LATERAL SUPERFICIAL SURAL ARTERY CUTANEOUS FLAP - A VERSATILE SOLUTION TO DEFECTS AROUND THE KNEE" INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH vol. 15, no. 1, Jan. 2026

Dr. Dhritoshri Mondal

- ✓ Attended SKIN Bank National Meet Under NPPMT& BI (MoHFW, Govt. of India), ORGANISED BY AIIMS, NEW DELHI on 26th November 2025.
- ✓ Attended annual conference of APSWB on 28th &29th June 2025
- ✓ Attended Mid-term CME of APSWB on 31st oct & 1st Nov. 2025
- ✓ Completed BCME course in January, 2024

Dr. Asit Baran Mandal

- ✓ Attended annual conference of APSWB on 28th &29th June 2025
- ✓ Attended Mid-term CME of APSWB on 31st oct & 1st Nov. 202

Postdoctoral (MCh) Trainees & Faculty Publication (Departmental)

- Das T, Adhikary O D, "Cross finger flap vs thenar flap for finger tip reconstruction- a comparative study in a tertiary care hospital". International journal of Scientific Research, vol.14, no 09, Sep 2025,10.36106/ijsr
- Priyadarshinee, P., Sow, M., Sarkar, A., Sharma, K., & Sharma, G. "a comparative study of post-burn neck contracture release and coverage with flap vs graft". International Journal of Scientific Research, vol. 13, no. 12, Dec. 2024, 10.36106/ijsr.
- Sharma, G., Sow, M., Roy, D., & Alex, S. "analysis of flap perfusion by measuring capillary glucose levels in pedicled flap and free tissue transfer". International Journal of Scientific Research, vol. 13, no. 12, Dec. 2024, 10.36106/ijsr.

Thesis projects ongoing in 2025

SN	PDT	Title of the Thesis	Guide	Co-Guide

1	**Dr. Oli das Adhikari**	A comparative study of effectiveness between collagen based dressing versus conventional dressing with silver sulphadiazine in view of better comprehensive management and improved outcome in second degree burn injury in burn care unit, IPGMER & SSKM hospital.	Dr. Tibar Banerjee	
2	**Dr. Tamoghna Das**	Efficacy of autologous platelet rich plasma over conventional mechanical fixation methods in split thickness skin grafting – a prospective study in a tertiary care hospital of eastern India	Dr. Arindam Sarkar	
3	**Dr. Abhik Chowdhury**	Prospective observational study of functional and aesthetic outcome of different reconstructive modalities in scalp defects	Dr. Monoranjan Sow	
4	**Dr. Divyashree Path**	An observational study of outcome analysis of nerve transfers in brachial plexus injury from date of injury to reconstruction	Dr. Souvik Adhikari	
5	**Dr. Nibedita Ray Pramanik**	A comparative study on outcome of patients with exposed tibia following trauma with regard to early(<3days) and late(>3days) flap coverage.	Dr. Souvik Adhikari	Dr. Dhritashree Mondal
6	**Dr. Komal Sharma**	An epidemiological study and clinical classification of traumatic brachial plexus injuries presenting to our hospital.	Dr. Kalyan Das	
7	**Dr. Karan Khandelwal**	Study on aesthetic outcome following keratinocyte melanocyte transfer in post burn leukoderma patients in tertiary care centre in eastern India	Dr. Sandip Basu	

Thesis projects Completed in 2025

SN	PDT	Title of the Thesis	Guide	Co-Guide
1	**Dr. Sharbori Kundu**	A Prospective Study on Post mortem findings of burn cases in a tertiary burn care centre in Eastern India	Dr. Tibar Bannerjee	Dr. Indrani Das
2	**Dr. Dattatreya Hazra**	A Prospective Observational study on effectiveness of intralesional Triamcinolone Acetonide, 5- Fluorouracil, and their combination in treatment of keloids	Dr Kalyan Das	
3	**Dr Rajiv Kumar**	An Observational study of outcome analysis of Graft reposition on Flap in Allen type 4 Fingertip amputation	Prof. Dr. Sandip Basu	
4	**Dr Adarsh Manjunath**	Efficacy of Platelet rich plasma (PRP) in the management of diabetic foot ulcer -A prospective study.	Prof. Dr. Arindam Sarkar	Dr. Pradip Mukhopadhyay
5	**Dr Dipasmita Sarma**	Prospective Study on Pattern of sensory recovery of various flaps for soft tissue defects.	Dr Monoranjan Sow	
6	**Abhinandan Mojumder**	Clinical study on Sugical and psychological outcomes in adult DSD patients.	Dr. Soubhik Adhikari	Dr. Satinath Mukhopadhyay
7	**Dr. Sharbani Ghosal**	An observational study on the versatility of pedicled SCIP flap.	Dr. Soubhik Adhikari	
8	**Dr. Someshubhra Dattaroy**	A comparative stuy on the effectiveness of Negative Pressure Wound therapy versus Nanocrystalline silver dressing in the management of post-traumatic soft tissue defects in the extremities.	Dr. Tibar Banerjee	

Ongoing ICMR funded project entitled
"Efficacy and Safety of Platelet Rich Plasma as an Adjunct Therapy to Split Thickness Skin Graft in Burn Patients with Granulating Raw Wounds"

- **Principal Investigator:** Prof. (Dr.) Arindam Sarkar
- **Co-Investigator:** Dr. Monoranjan Sow, Dr. Kalyan Das
- **Project Research Scientist- I (NM):** Dr. Abhishek Adhya
- **Project Technical Support- III (SW):** Ananya Bera

SERVICE INFORMATION

Bed location

BRU Ward (Emergency Cases)	Ronald Ross Building 2nd Floor	30 Beds
NPS Ward (Scheduled Cases)	Ronald Ross Building 5th Floor	31 Beds (Male: 19, Female: 12)
NPS 5th Floor	BRU (Males)	7 Beds
TCC 5th Floor	BRU (Females)	20 Beds
Alex Ward (Scheduled Cases)	Main Building, 1st Floor	12 Beds
Emergency Beds	Scattered at various wards including Trauma Care Centre	
NPS OT Recovery	Ronald Ross Building 5thFloor	4 Beds

OPD location OPD complex (OLD NER BLOCK), ground floor, room no:1,2,3,4 Unit II – Tuesday Unit I – Thursday Unit III – Saturday	**OPD Attendance in 2024** New Cases = 14816 Old Cases = 4819 Total Cases = 19635

Operative Facilities
Main OT, Main Block – 3 days (6 tables)
NPS OT, Ronald Ross Building – 6 days (18 tables)
Microvascular OT (NPS, Main and Trauma OT)
Laser Therapy – NPS OT
Burn Injury – BURN OT (Trauma OT)
Emergency Surgery including replantation – TRAUMA OT (24 hrs x 7d)

Statistics for 2025

Admissions	2587
Discharges	2308
Total OPD patients	19635 (New 14816 Old 4819)
Burn Admission	327
Burn Discharge	257
Death	70
Emergency Operations Minor	4150
Elective Operations Major	2197

Burn Operations	60
OPD procedures	1926
AV Fistula	119
Laser	56
Microvascular procedures	38
Trauma Admission	1467
Trauma OT Major	578
Total Surgery	9124

Operation days of each unit

Unit I	**Unit II**	**Unit III**
Tuesday and Saturday (NPS OT) Wednesday (Main OT) Monday and Friday (Trauma OT)	Monday and Thursday (NPS OT) Friday (Main OT) Wednesday and Saturday (Trauma OT)	Wednesday and Friday (NPS OT) Monday (Main OT) Tuesday and Thursday (Trauma OT)

Other Service Information
Function of the SKIN BANK is in progress since 22.04.2013. License and registration were renewed on 15.06.2018.

Cases Performed during the year 2023 (January - December)
Cadaveric Skin Harvest = 2
Cadaveric STSG = 1

Institute of Psychiatry

Institute of Psychiatry (IOP) has been identified for upgradation under Centre of Excellence Scheme of National Mental Health Programme (NMHP) – 11th Five Year Plan (vide Ref.F.-No. T. 210013/15/09-ncd Dt- 11.06.09). Three new departments are functioning, namely Psychiatric Social Work, Clinical Psychology and Psychiatric Nursing.

Psychiatry

FACULTY & SENIOR RESIDENTS

Faculty, Medical Officer, SR	Qualification	Designation
Dr. Amit Kumar Bhattacharyya	MD	Professor & Head
Dr. Sujit Sarkhel	MD	Professor
Dr. Paramita Roy	DPM, MD	Associate Professor
Dr. Partha Sarathi Kundu	MD, DNB	Associate Professor
Dr. Ranjan Das	MD	Associate Professor
Dr. Arghya Halder	MD	Assistant Professor
Dr. Subir Hazra Choudhury	DPM	RMO-cum-Clinical tutor
Dr. Abhijit Chakraborty	MBBS	Medical Officer
Dr. Aratrika Sen	MD	Project Medical Officer
Dr. Sagarika Roy	MD	Psychiatrist
Dr. Sucheta Chatterjee	MD	Senior Resident
Dr. Purbita Sarkar	MD	Senior Resident
Dr. Akash Bose	MD	Senior Resident
Dr. Anuradha Ghosh	MD	Senior Resident
Dr. Sayari Kamilya	MD	Senior Resident
Dr. Subham Chatterjee	MD	Senior Resident
Dr. Sumedha Roy	MD	Senior Resident

JUNIOR RESIDENTS

Name	Course	Session
Dr. Mahmudul Hassan	MD	2023-2026
Dr. Laya Sarkar	MD	2023-2026
Dr. Jesmin Sobnam	MD	2023-2026
Dr. Gourab Bhattacharya	MD	2023-2026
Dr. Sayan Mondal	MD	2023-2026
Dr. Abhishikta Mandal	MD	2023-2026
Dr. Koushik Das	MD	2023-2026
Dr. Tanmoy Ghosh	MD	2023-2026
Dr. Sheuli Biswas	MD	2023-2026
Dr. Pritha Chakraborty	MD	2024-2027
Dr. Ivan Dey	MD	2024-2027
Dr. Rajdeep Sikdar	MD	2024-2027
Dr. Sayantani Pal	MD	2024-2027
Dr. Subendu Kumar Roy	MD	2024-2027
Dr. Abrar Alam	MD	2024-2027
Dr. Archita Dolui	MD	2024-2027
Dr. Khushboo Taparia	MD	2024-2027
Dr. Mansur Momin	MD	2024-2027
Dr. Mohofil Mondal	MD	2024-2027

TRANSFERS & POSTINGS

Dr. Nabakumar Maiti, Medical Officer, retired on superannuation.

FACULTY NEWS

Prof. Dr. Amit Kumar Bhattacharyya

- In Charge of Professor & HOD of Department of Psychiatry, IPGME&R and Director of Institute of Psychiatry-COE
- Research Guide for PG students & PhD Students.

Publications

1. Halder, Arghya; Ray, Sagarika; Kumar, Manish1; Bhattacharya, Amit Kumar. Capgras syndrome, an interesting but rare phenomenon in Psychiatry: A case series. Telangana Journal of Psychiatry 10(2):p 183-187, Jul–Dec 2024. | DOI: 10.4103/tjp.tjp_21_24
2. Dubey, M., Ray, P., Ghosh, R., Mithcell, A., Bhattacharya, A.K., Dhar, P., Chatterjee, S., Chatterjee, S., Dubey, S., Benito- leon, J. Health-Related Quality of Life and /Perceived Stress in Primary Caregivers of Children and Adolescents with Mental Retardation and Attention deficit Hyperactive Disorder. Journal of Patients Experience. Manuscript ID JPX-21-0256 (Accepted for Publication)
3. Das, R., Mukherjee, A., Sarkhel, S., Roy, P., & Bhattacharyya, A. K. (2022). Asymptomatic COVID-19 Infection Induced First Episode Psychosis: A Case Series. International Neuropsychiatric Disease Journal, 17(2), 16-21.

Prof. Dr. Sujit Sarkhel, Professor

- Research Guide for PG students & PhD Students.
- An open label trial of memantine in resistant obsessive–compulsive disorder. Industrial Psychiatry (accepted for publication)

Publications

1. Guidelines are merely guidelines. Andrade C, Sarkhel S. Indian J Psychiatry. 2025 Mar;67(3):281-282. doi: 10.4103/indianjpsychiatry.indianjpsychiatry_228_25. Epub 2025 Mar 14.PMID: 40291044
2. Streamlining poster sessions: Tips for organisers. Ameen S, Chandran S, Tikka SK, Menon V, Praharaj SK, Sarkhel S. Indian J Psychiatry. 2025 May;67(5):453-458. doi: 10.4103/Indian j psychiatry. Indian j psychiatry _ 383_25. Epub 2025 May 15. PMID: 40443813
3. Clinical practice guidelines on cognition in neuropsychiatric disorders and management of long-stay patients. Sarkhel S, Grover S. Indian J Psychiatry. 2025 Jan;67(1):1. doi: 10.4103/Indian j psychiatry. Indian j psychiatry _1198_24. Epub 2025 Jan 13. PMID: 40046479
4. Flexible diagnostic Interview for ICD-11 (FLII -II) - A new tool for psychiatric epidemiology in India. Sarkhel S, Jaisoorya TS, Rao GN, Benegal V. Indian J Psychiatry. 2025 Apr;67(4):365-366. doi: 10.4103/Indian j psychiatry. indianjpsychiatry_352_25. Epub 2025 Apr 15. PMID: 40371250
5. Brevity is the soul of wit: Why Indian academia (including psychiatry) needs to recognize brief research communications. Sarkhel S, Chandran S. Indian J Psychiatry. 2025 Sep; 67(9): 837-841. doi: 10.4103/indianjpsychiatry_941_25. Epub 2025 Sep 16. PMID: 41019271
6. Clinical practice guidelines on post-traumatic cognitive impairment: Assessment and remedial measures. Munoli RN, Sarkhel S, Pattojoshi A. Indian J Psychiatry. 2025 Jan; 67(1):128-143. doi: 10.4103/ Indian j psychiatry. indianjpsychiatry_680_24. Epub 2025 Jan 13. PMID: 40046481
7. Pioneering psycho-oncology: A collaborative journey for medical and psychology students at ecancer-Tata Medical Center Kolkata Psycho-oncology Congress 2024. Datta SS, Sheth H, Ghosh S, Das S, Ghosh J, Choudhury D, Mukherjee A, Ghose S, Biswas R, Gil MC, Alfaro CAG, Guevara M, Burke D, Sarkhel S, Ram JR. Ecancer medical science. 2025 Jan 17;19:1828. doi: 10.3332/ecancer.2025.1828. eCollection 2025. PMID: 40177146
8. Burden, Risk Factors, and Knowledge of Non-fatal Opioid Overdose Among Injectable Drug Users: A Cross-sectional Study. Das S, Sen S, Mondal S, Mondal M, Khatun Y, Sarkhel S, Saha I, Mukherjee S, Bhowmik K, Sarkar S, Neogi R, Rao R, Paramanik M, Bhattacharjee M, Basu A, Bhargava S, Ganguly S, Bhattacharjee S, Saha A, Chakrabarti A. Indian J Psychol Med. 2025 Jul 30:02537176251357217. doi: 10.1177 / 02537176251357217. PMID: 40755742
9. Symptom Severity and Sociodemographic Correlates of the Suicide Crisis Syndrome in Major Depression: A Multicentric Investigation. Menon V, Balasubramanian I, Rogers ML, Grover S, Lakdawala B, Ranjan R, Sarkhel S, Nebhinani N, Kallivayalil RA, Raghavan V, Mishra KK, Aneja J, Abhivant N, Deep R, Singh LK, De Sousa A, Nongpiur A, Subramanyam AA, Mohapatra D, Kar SK, Dhiman V, Kumar PNS, Umesh S, Bhandari SS, Ransing R, Ramasubramanian V, Praharaj SK. Arch Suicide Res. 2025 May 29:1-17. doi: 10.1080/13811118.2025.2510506. Online ahead of print. PMID: 40443127

Dr. Paramita Roy, Associate Professor

- Research Guide for PG students

Publications:
(1) Relationship between Disease severity and Suicidal Ideation: Comparision of Major Depression, Bipolar Depression, and Bipolar Mania, Supartha Barua, Paramita Ray, Souvik Chakraborty, Subir Bhattacharjee, Indian Journal of Public Health Research & Development; 2015; Vol-6; Issue-4: pp 69-73
(2) Rapid Antidepressant Response with Ketamine: Is it the Solution to Resistant Depression? Rajarshi guhaThakurta, Paramita Ray, Dipankar Kanji, Ranjan Das, Bikash Bisui, Om Prakash Singh. Indian Journal of Psychological Medicine | Jan – Mar 2012 | Vol 34 | Issue 1

Dr. Partha Sarathi Kundu, Associate Professor

Publications:
1. Efficacy of aripiprazole versus cariprazine in controlling manic symptoms in three cases of psychosis. Kundu, Partha Sarathi; Ray, Sagarika; Halder, Arghya, Telangana Journal of Psychiatry ():10.4103/tjp.tjp_27_25, September 19, 2025. | DOI: 10.4103/tjp.tjp_27_25
2. Sagarika Ray, Amit Kumar Pal, Partha Sarathi Kundu, Primary prevention in Psychiatry in India – An overview of the current state of affairs, General Hospital Psychiatry, Volume 96, 2025, Pages 28-33,ISSN 0163-8343,
3. Chattaraj, Suvrangshu; Mukherjee, Disha; Kundu, Partha Sarathi. A Unique Case of Catatonia in a Background of Retrocerebellar Arachnoid Cyst Responding to Clozapine and Diazepam Treatment. Annals of Indian Psychiatry ():10.4103/aip.aip_196_24, March 25, 2025. | DOI: 10.4103/aip.aip_196_24
4. Halder, Arghya; Ray, Sagarika; Kundu, Partha Sarathi; Sen, Aratrika. Role of Family History in the Presentation of Obsessive–Compulsive Disorder – A study in Eastern India. Annals of Indian Psychiatry 9(4):p 318-323, Oct–Dec 2025. | DOI: 10.4103/aip.aip_143_24
5. Kundu PS, Ray S, Pal AK, Halder A, Santosh S. Exploring the influence of lunar phases on neuropsychiatric conditions: A scoping review of evidence, concepts, and gaps. Indian J Soc Psychiatry 2025;XX:XX-XX.
6. Sagarika Ray, Amit Kumar Pal, Partha Sarathi Kundu, Shivani Santosh, School mental health in India: The present scenario and future directions', Mental Health & Prevention, Volume 40, 2025, 200444, ISSN 2212-6570,

Dr. Ranjan Das, Associate Professor
- Research Guide for PG students.

Publications
1. Das, Ranjan; Chakravarty, Rajarshi1; Gantait, Varaha V.2; Bhattacharjee, Subir3. Fixed dose combination dextromethorphan-bupropion: A hope for treatment resistant depression (TRD). Indian Journal of Psychiatry 67(6):p 635-638, June 2025. | DOI: 10.4103/indianjpsychiatry_315_25.

Dr. Arghya Halder, Assistant Professor

Publications
1. Kundu, Partha Sarathi; Ray, Sagarika; Halder, Arghya. Efficacy of aripiprazole versus cariprazine in controlling manic symptoms in three cases of psychosis. Telangana Journal of Psychiatry ():10.4103/tjp.tjp_27_25, September 19, 2025. | DOI: 10.4103/tjp.tjp_27_25.
2. Saha I, Halder A, Ghosh S, Sen A, Roy S. Suprathreshold dosing of selective serotonin reuptake inhibitors in treatment-resistant obsessive-compulsive disorder: A case series. Indian J Psychiatry. 2025 Aug;67(8):813-815. doi: 10.4103/indianjpsychiatry_137_25. Epub 2025 Aug 15. PMID: 40918009; PMCID: PMC12410846.
3. Halder, Arghya; Ray, Sagarika; Kundu, Partha Sarathi; Sen, Aratrika. Role of Family History in the Presentation of Obsessive–Compulsive Disorder – A study in Eastern India. Annals of Indian Psychiatry ():10.4103/aip.aip_143_24, March 18, 2025. | DOI: 10.4103/aip.aip_143_24.
4. Kundu PS, Ray S, Pal AK, Halder A, Santosh S. Exploring the influence of lunar phases on neuropsychiatric conditions: A scoping review of evidence, concepts, and gaps. Indian J Soc Psychiatry 2025; XX:XX-XX.

Ongoing research as part of MD Psychiatry course (2022-2025):

- Dr. Mahmudul Hasan. Predictors of acute treatment response in patients with a first episode of non-affective psychosis - a prospective cohort study. Guide – Dr. Paramita Ray, Associate Professor IOP-COE, Co-guide –Prof.Dr. Sujit Sarkhel, Professor, IOP-COE.
- Dr. Jesmin Sobnam. Co-morbidity & life events in bipolar affective disorder patients and their relationship with course and outcome-a prospective on retrospective study. Guide: Prof. Dr. Sujit Sarkhel, Professor, IOP-COE.
- Dr. Laya Sarkar. Development of neuropsychiatric symptoms, short term outcome and quality of life in post stroke patients. Guide – Dr. Supartha Barua, Associate Professor, MEDICAL COLLEGE, KOLKATA, co-guide – 1. Dr. Paramita Ray, Associate Professor IOP-COE, IPGMER AND SSKM, KOLKATA. 2. Dr. Souvik Dubey, Assistant Professor, BIN, KOLKATA
- Dr. Sheuli Biswas. Assessment of suicidality and predictors of outcome in patients with obsessive compulsive disorder and comorbid bipolar disorder – a hospital based follow up study. Guide – Dr. Paramita Ray, Associate Professor IOP-COE, IPGMER AND SSKM, KOLKATA co-guide – Dr. Arghya Haldar, Assistant Professor, IOP-COE, IPGMER AND SSKM, KOLKATA
- Dr. Gourab Bhattacharya. Role of adjunctive intermittent theta burst stimulation over left prefrontal cortex in patients with negative symptoms of schizophrenia – a randomized double-blind sham-controlled trial. Guide – Dr. Amit Kumar Bhattacharya, Professor and HOD, IOP-COE, Co-guide – Dr. Sujit Sarkhel, Professor, IOP-COE.
- Dr. Tanmoy Ghosh. Pharmacoeconomic evaluation of in-patient management of mental health disorders: an observational study. Guide – Dr. Partha Sarathi Kundu, Associate Professor IOP-COE, IPGMER AND SSKM, KOLKATA, Co-guide – Dr. Arghya Halder, Assistant Professor, IOP-COE, IPGMER AND SSKM, KOLKATA
- Dr. Koushik Das. Prevalence of various obsessive compulsive spectrum disorders among adults with obsessive compulsive disorder and their impact on its outcome, a hospital based follow up study. Guide – Dr. Ranjan Das, Associate Professor IOP-COE, IPGMER AND SSKM, KOLKATA, Co-guide – Dr. Paramita Ray, Associate Professor, IOP-COE.
- Dr. Abhishikta Mandal. Pattern of new onset mood and anxiety spectrum disorders in a clinic-based sample of patients with systemic lupus erythematous in a tertiary care hospital – a longitudinal study. Guide – Dr. Amit Kumar Bhattacharya, Professor and HOD, IOP-COE, IPGME&R AND SSKM, KOLKATA, Co-guide – 1. Dr. Paramita Ray, Associate Professor IOP-COE, 2. Dr. Parasar Ghosh, HOD, Rheumatology.
- Dr. Sayan Mondal. A comparative study on safety planning intervention and periodic follow-up contacts versus usual care on patients with suicide attempt attending emergency department of tertiary medical care. Guide: Dr. Sujit Sarkhel, Professor, Co-guides: Dr. Niladri Sarkar, Professor, Department of General Medicine, Dr. Abhimanyu Basu, Professor and HOD, Department of General Surgery.
- Dr. Subendu Kumar Roy, Title: Mental Health Burden And Psychosocial Challenges Amongst Homeless Destitutes in The State of West Bengal Guide: Dr. Partha Sarathi Kundu, Associate Professor, Institute of Psychiatry-COE, Co Guide: Dr. Arghya Halder, Assistant Professor, Institute of Psychiatry-COE.
- Dr. Khushboo Taparia, Efficacy of Adjunctive RTMS in Adolescent Obsessive Compulsive Disorder: A Randomized Double Blind Sham Controlled Trial. Guide: Dr. Sujit Sarkhel, Professor; Co-Guide: Dr. Paramita Ray, Associate Professor
- Dr. Archita Dolui, Association Between Sleep Disturbances And Relapse Risk in Patients With Alcohol Use Disorder: A Longitudinal Observational Study, Guide-Prof.(Dr.) Amit Kumar Bhattacharya, Professor And Hod, Co Guide - Prof.(Dr.) Sujit Sarkhel, Professor,
- Dr. Rajdeep Sikdar, Comparison of Short-Term Course and Outcome of Bipolar Mixed Episode, Bipolar Mania And Bipolar Depression: A Longitudinal, Observational Study." Guide: Dr. Sujit Sarkhel, Professor, Co-Guide: Dr. Arghya Halder,
- Dr. Ivan Dey, Role of Adjuvant Intermittent Theta Burst Stimulation Over Left Dorsolateral Prefrontal Cortex in Female Patients with Somatic Symptom Disorder: A Randomized Double Blind Sham Controlled Study. Guide: Dr. Ranjan Das, Associate Professor, Co Guide: Dr. Partha Sarathi Kundu, Associate Professor,
- Dr. Sayantani Pal, Exploring The Therapeutic Potential of Neurofeedback For Migraine" Guide: Dr. Paramita Ray, Associate Professor, Co-Guide: 1. Dr. Partha Sarathi Kundu & Dr. Bidita Bhattacharya, Associate Professor of Clinical Psychology.
- Dr. Pritha Chakraborty, Efficacy of Desvenlafaxine Augmentation in Treatment-Resistant Obsessive Compulsive Disorder : An Open-Label Trial Guide: Dr. Sujit Sarkhel, Professor, Co-Guide: Dr. Ranjan Das, Associate Professor,
- Dr. Mohofil Mondal, Title-Efficacy And Safety of Adjuvant Oral Ketamine in Unipolar Depression: A Double-Blind Randomized Trial Guide- Dr. Ranjan Das, Associate Professor, Co-Guide: Dr. Paramita Ray, Associate Professor
- Dr. Abrar Alam, Efficacy of RTMS (Repetitive Transcranial Magnetic Stimulation) As An Adjunctive Treatment Modality With SSRI (Sertraline) in Post Menopausal Symptoms. Guide - Dr. Paramita Ray, Associate Professor, Co- Guide - Dr. Arghya Halder, Assistant Professor,
- Dr. Mansur Momin, Metformin as adjunctive therapy and its correlation with BDNF VAL66MET(rs6265) polymorphism in SSRI treated Major Depressive Disorder in Eastern Indian population Guide: Dr. Partha Sarathi Kundu, Assoc. Professor, Psychiatry, Co-guide: Dr. Ranjan Das, Assoc. Professor, Psychiatry & Dr. Anindita Joardar, Assistant Professor, Neurogenetic Unit, Department of Neurology, BIN

7. SERVICE INFORMATION

A. Number of indoor beds: 140

Total New Indoor Admission (January 2025 to December - 2025) : 634

B. Patient count in Psychiatry OPD from to January-2025 to December 2025

Jan25	Feb25	Mar25	April25	May25	Jun25	July25	Aug25	Sept25	Oct25	Nov25	Dec25	TOTAL
11045	12274	7488	9162	10004	9066	10129	9966	9904	10232	10078	5351	**114699**

A. IOP is also running multi-disciplinary special clinics in, de-addiction, geriatric and child psychiatry. Patients are referred to these clinics from the general psychiatry outdoor or indoor, for detailed assessment and management, including individual & family therapy. The schedule of special clinics is as follows:

SN	Clinic	Consultant	Days
1.	**Child Adolescent Clinic**	Dr. Sujit Sarkhel	Thursday
2.	**Substance Abuse Clinic**	Dr. Partha Sarathi Kundu	Monday
3.	**Geriatric Clinic**	Dr. Paramita Roy	Friday
4.	**Psychiatric Epidemiology Clinic**	Dr. Riyal Das & Dr. Abhijit Chakraborty	Tuesday
5.	**OCD Clinic**	Dr. Sucheta Chatterjee	Monday & Thursday
6.	**Bipolar Clinic**	Dr. Aratrika Sen	Monday to Friday

Free Legal Aid Centre at Institute of Psychiatry – COE

- **LEGAL AID CENTRE** inside the campus of Institute of Psychiatry – COE has been inaugurated and started functioning from 9th November, 2015 at 11:00 A.M. for legal help to the mental ill patients.

Psychiatry Library

An enriched & well-maintained Library efficiently handled by a Librarian with the help of a Library assistant. Functional since 15th June 2015.

- **Total No. of Books: 2003**
- **Journals: 739**
- **e-Library with Free Wi-Fi facility**

Other Facilities

- Mental Health Helpline for Students & Staffs of IPGME&R- SSKM Hospital and IOP -COE
- (+91-9163162204) – MON-SAT (10 AM to 04 PM)
- Telemental Health Cell at IOP-COE (24X7): 18008914416 or 14416 (Toll Free)
- Regular Gatekeep Training for Suicide Prevention among students, Nurses, BSF, SSB Personnel.
- Seminars with guest speakers from other Institutions regularly.
- Outreach program at Old Age Home and Missionaries of Charities (Nirmala Hriday)
- Hostel facilities for male & female PG students at IOP-COE (SITE-II)
- COVID Vaccine Centre at IOP-COE
- Auditorium and Guest rooms are functioning.
- Polysomnography is going on as regular basis
- rTMS machine is fully operational for the patients.
- Well-equipped Psychiatry Pathology & Biochemistry Lab which cater IOP, IPGME&R and other Government Hospital also.
- Virtual webinar is going on regular basis.
- Arts & crafts (Designed by inmates of IOP) exhibition done at OPD premises.

Equipment List in the Department of Psychiatry, Institute of Psychiatry-Centre of Excellence

- Diagnostic Sleep System (Respironics V LDX made by Philips) - 2
- EEG Machine (Nikon Kodon) - 1
- rTMS Machine (Neuro MS/D System) -1
- ECT Machines (Excello Model, BPL) – 1
- Boyle's (Anesthetic Machine) BPL – 1
- Defibrillator BPL

Occupational Therapy

Unit In-Charge: Mr. Tridib Chatterjee, BOT (Cal), Occupational Therapist

In IOP Occupational therapy services provided in regular basis in indoor as well as outdoor patient.
Total no of patients: 2667 (Follow up: 1886 Ward: 781)
48 nos. of occupational therapy interns from NILD

Psychiatric Epidemiology

FACULTY

Dr. Riyal Das, MBBS, MS (Health Sciences), Fellowship in Child Psychiatry (USA)	Assistant Professor & HOD

FACULTY NEWS

Dr. Riyal Das
December 2024 – present
Head of the Department and Assistant Professor at the Dept. of Psychiatric Epidemiology, IOP-COE

- Supervising and conducting research studies on prevention, early detection and advanced treatment methods of neuropsychiatric diseases focusing on pathophysiology, psychopathology and cognitive functions to limit the progression of the mental diseases
- Professor and lecturer of three courses on Preventive Psychiatry and Psychiatric Epidemiology for the postgraduate and clinical training programs.
- Conducts Research Studies focusing on psychosis, mood disorders and OCD, Schizophrenia both in inpatient and outpatient units.
- Providing research guidance to students pursuing masters in Neuropsychiatric medicine, clinical psychology and psychiatric social work, psychiatric Nursing at the Institute of Psychiatry-COE, Kolkata
- Leading psychiatric epidemiological research and guiding fellow epidemiologists in the field of neuroscience and psychiatry research with focus on prevention and eradication of mental illness.
- Responsible for strategic planning, development and implementation of mental health programs on mental awareness and aid across the state of West Bengal.
- Reviewer of research papers of journals & various peer review journals.

Conferences, CMEs and Workshops

- Chief Speaker in the CME on "Smart Phone Addiction" held at IOP-COE on 24th May 2025
- Chairperson for a session of oral presentation at the EFICON 2025 held in AIIMS Delhi, December 2025
- Chairperson on "Early Onset of Dimension" on the occasion of World Alzheimer's Day on 22nd Septemeber, 2025 at IOP-COE
- Chairperson for special session on World Mental Health Day organized at IOP-COE in October, 2025
- Presented research paper as an oral presenter on the Mental Health special session at the Annual conference of Epidemiology foundation of India (EFICON 2025) held in AIIMS, Delhi from 11th-13th of December, 2025
- Chief Speaker and Chairperson in the Workshop on "Parenting in Digital Age " at the Doon Techno School, Howrah on the 8th of November 2025
- Organizing chairperson for the workshop organized by Department of Psychiatric Epidemiology on "Lifestyle Modification and Mental Well Being" on the 11th of December, 2025
- Chief Speaker for the workshop conducted by Department of Psychiatric Epidemiology on "Lifestyle Modification and Mental Well Being" on the 11th of December, 2025
- Organized the Mental Health camp for the parents and children at the Vivekananda High School, Kanthi, Purba Medinipur on the 7th of March, 2025
- Advisor of the projects (15 programs for 22 days) of National Institute of Social Defense (Govt of India) at IOP-COE for the Dept of Psychiatric Social Work

Research and Publications

- Paper published on "Cognitive impairment in Long COVID patients presenting with Psychiatric sequelae – A cross sectional study"

- Paper published on "Psycho-social intervention for reducing relapse and improving treatment adherence in bipolar affective disorder with poor social occupational functioning and high expressed emotion in the family – A case report"
- Paper Published on "Effectiveness of psycho-social intervention in the management of alcohol dependence and syndrome with poor marital adjustment"
- Paper Published on "Asymptomatic COVID –19 infection induced first episode psychosis – A case series"
- Paper published on "Combined Cyproheptadine and Dexamethasone dependence, is it rare or under-reported? - A case series"
- Paper published on "Study of validity and reliability of state trait Anxiety Inventory, Expected Benefits of denture scale, burden of tooth loss scale based on regional language and cultural difference".
- Paper published on Serum magnesium level and severity of schizophrenia, depression, obsessive compulsive disorder: a cross-sectional hospital-based study in a tertiary care hospital in eastern India.

Ongoing projects

- Serum magnesium level and severity of schizophrenia, depression, obsessive compulsive disorder: a cross-sectional hospital-based study in a tertiary care hospital in northern India.
- To study the effect of Vortioxetine administration in patients suffering from major depressive disorder based upon electrocardiogram.
- Study of antidepressants and its metabolic effects and its increased risk to obesity.
- Emerging addiction or Overlooked Reality? The need to prioritize Internet Gaming Disorder in India
- Stigma, Burden and Expressed Emotion in Caregivers of Children with Autism Spectrum Disorder: A Cross Sectional from Mental Health Setting
- Perceived Social Support, Coping and Resilience: A Comparative Study on the Persons Living with and Without HIV/AIDS
- Family Attitude, Quality of Life, and Peer Relationships in Children with Attention Deficit Hyperactivity Disorder

Awards and Achievement

- Was awarded the second best research paper and best oral presenter by the Epidemiology Foundation of India at the EFICON 2025 held in AIIMS, Delhi.
- Chairperson for the oral presentation at the Mental Health session at the EFICON, 2025 at AIIMS, Delhi, 2025 organized by Epidemiology Foundation of India
- Was awarded for "Outstanding contribution" in Psychiatric Social Work by the Dept. of Psychiatric Social Work, at the Institute of Psychiatry-COE

Clinical Psychology

Faculty	Qualification	Designation
Dr. Bidita Bhattacharya	MSc; MPhil Clinical Psychology; PhD	Associate Professor & Head
Dr. Prasanta Kumar Roy	MA; MPhil Medical & Social Psychology; PhD	Assistant Professor
Dr. Annwesha Mondal	MA; MPhil Clinical Psychology; PhD	Assistant Professor
Ms. Amrita Mitra	MA; MPhil Clinical Psychology	Assistant Professor
Ms. Pourabi Chaudhury	MSc; MPhil Clinical Psychology	Assistant Professor
Dr. Sreetama Chatterjee	MSc; MPhil Medical & Social Psychology, PhD	Lecturer in Clinical Psychology
Dr. Tapasri Das	MSc; MPhil Clinical Psychology, PhD	Lecturer in Clinical Psychology
Ms. Chhavi Tewary	MSc, MPhil Clinical Psychology	Lecturer in Clinical Psychology
Dr. Zainab Ahmed	MSc; MPhil Medical & Social Psychology, PhD	Clinical Psychologist

Junior Clinical Psychologists- Postgraduate trainees (M.Phil. in Clinical Psychology)

Session 2022-24	Session 2023-25
• Priyanka Dey • Raya Paul • Md. Sameer • Sabana Yasmin • Nandini Jhunjhunwala • Chandrani Sadhukhan • Sulagna Mondal • Anusree Das	• Anwesha Datta • Sanjeevanee Mukhopadhyay • Rupsa Sana • Prafulla Krishna Pal • Chayanika Rana • Ankita Ghosh

Activities

1.CRE workshop on Psychological management of obsessive compulsive spectrum and related disorders – Chief Guest – Dr. Paul Salkovski (Oxford University)
2.CRE workshop on Assessment and Management of Psychological Trauma
3. Workshop on Neuropsychotherapy.
Workshop on Behavioral Medicine: Assessment and Management

Project:

Sustainable Community Based Intervention on Mental Health at South 24 Parganas supported by UNICEF, Kolkata

Community work

Collaboration and psychotherapeutic services with Rare Disease Clinic
Collaboration and psychotherapeutic services with Tobacco Cessation Clinic
Collaboration and psychotherapeutic services with Sports Medicine
Training of mental health worker at NGO – Ishwar Sankalpa

Departmental Case Count

Faculty		MPhil Trainee	
Psychotherapy	5526 (New), 7037 (F/up)	IQ Assessment	1482
MLC Assessment	162	Psychometry	708
Rare Disease Clinic	268	Psychotherapy Cases	5439
Sports Medicine Clinic	112		

FACULTY NEWS

Dr. Bidita Bhattacharya

Resource person

- CRE program on Zonal level CRE workshop on Psychological Management of Obsessive Compulsive and Related disorders organized by Department of Clinical Psychology, IOP-COE
- State level CRE workshop on Psychological Trauma: Advances in Understanding, Assessment and Intervention approaches organized by Department of Clinical Psychology, IOP-COE.

- Workshop on Assessment and Management of Psychological Trauma
- Mental well-being with Dyslexia at TCS
- Faculty Development Program – on topic: CBT with Children at Amity University, Kolkata
- On career counselling and students' mid-level behavioral crisis
- Speaker in One –Day conference on "The future of Psychotherapy: Artificial Intelligence and Virtual Therapists" on 30th March, 2025 organized by Psychaxis Research at IOP, Kolkata.
- Expert talk on "Ïnterpersonal and Social Rhythm Therapy" on 26th April, 2025 organized by Department of Clinical Psychology, Institute of Mental Health, Chennai.
- Speaker on "Career counselling and students mid-level behavioral crisis" on 26th July, 2025 organized by NSHM Knowledge Campus, Kolkata
- Speaker on "Mental wellbeing session on Dyslexia" on 21st June, 2025 organized by TCS.

Expert committee Member

- Rehabilitation Council of India
- Research Advisory Board – St. Xavier's university
- Board Of Studies – Neotia University
- Board of Studies – Calcutta University UG

Member, American Psychological Association

Attended Workshop on Neuropsychotherapy: Transdiagnostic Treatment of Neurobehavioral Disorders in varying Cultural Contexts organized by Department of Clinical Psychology, IOP-COE
CRE on 'Barriers in accessing mental health services during crisis' held on 7th November, 2025

Dr. Prasanta Kumar Roy

- Vice President (East) Clinical Psychology Society of India
- Treasurer, Academy of Hypnosis, India
- Fellow, Indian Association of Clinical Psychologists
- Member, International Society for Rorschach and Projective Tests
- Member, Indian CBT Association
- Guest Faculty at Central Institute of Psychiatry, Ranchi
- Resource Person, CRE Workshop on Psychological Management of Obsessive Compulsive Spectrum and Related Disorders" at Institute of Psychiatry, Kolkata March 2024.
- Resource Person at CRE Workshop on Assessment and Management of Psychological Trauma at IOP, Kolkata September, 2024.
- Invited Speaker at 1st international conference of Academy of Hypnosis, India on 25-26th February, 2023 at Vadodara, India
- Resource Person, Workshop on 'Basics of Cognitive Behavior Therapy" Command Hospital, Kolkata July 2024

Projects:

- Sustainable Community Based Intervention on Mental Health at South 24 Parganas supported by UNICEF, Kolkata

Dr. Anwesha Mondal, Assistant Professor

- **Publication**:
    1. 'Predictor of treatment response in patients with depressive disorder' published in Industrial Psychiatry Journal, ISSN: 0972-6748, 2025 Sep-Dec; 34(3): 463-469.
    2. 'Personality, attachment and dissociation –A study of clinical characteristics in dissociative conversion disorders' published in Telengana Journal of Psychiatry, ISSN: 2455-8559, 2025, October.

- **Paper Presentation/Resource Person:**
    1. Lecture on "Stress Management" for MBBS students held in IPGME&R, on 10th October, 2025.
    2. Speaker in CRE program on 'Barriers in accessing mental health services during crisis'held on 7th November, 2025 organized by Shri Kushal Das University, Hanumangarh, Rajasthan.

- **Participation in Seminar/ Workshop:**

1. Virtual symposium on Behavioural Medicine : Understanding the relationship between health & illness organized by Department of Clinical Psychology, NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES (An Institute of National Importance), Bengaluru on 20th and 21st January, 2023.
2. CRE workshop on Behavioural Medicine – Assessment and Management Approach organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata, on 6th to 8th February, 2023.
3. 50th National Annual Conference of Indian Association of Clinical Psychologists (NACIACP 2024) organized by Indian Association of Clinical Psychologistson 9th – 11th February, 2024.
4. CRE workshop on Psychological Management of Obsessive Compulsive and Related Disorders organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 4th to 5th March, 2024.
5. CRE on 'Bridging the Gaps: Advancing Psychological Interventions and Rehabilitation Strategies for Autism Spectrum Disorder' held on 20th-21st March, 2025 organized by Department of Clinical Psychology, Amity University, Patna, Bihar.
6. CRE on 'Understanding Autism: Theory and Intervention' held on 21st August, 2025 organized by NIEPID, Secunderabad.
7. CRE on 'SLD: An Overview of certification and evidence-based management practices' held on 19th September, 2025 organized by NIEPID, Secunderabad.

Ms. Amrita Mitra, Assistant Professor

- **Paper Presentation/Resource Person:**
  1. Presented a paper titled 'Role of Existential Concern, Resilience, Negative Automatic Thoughts on Psychosocial Health of Individuals with End Stage Renal Disease: A Preliminary Study" at 8th International Conference of Indian Academy of Health Psychology in Nov, 2023.
  2. Gatekeeper's training for B.sc and M.sc Nursing students on 21st Aug, 2025 held in IOP, Kolkata.

- **Participation in Seminar/ Workshop:**
  1. CRE workshop on Behavioral Medicine – Assessment and Management Approach organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata, on 6th to 8th February, 2023.
  2. 8th International Conference of Indian Academy of Health Psychology in Nov, 2023.
  3. CRE workshop on Psychological Management of Obsessive Compulsive and Related Disorders organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 4th to 5th March, 2024.
  4. CRE workshop on Psychological Trauma: Advances in Understanding, Assessment, and Intervention Approaches organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 6thto 7thSeptember, 2024.
  5. Conference on "Neuro and Biofeedback Training and Certification" held in Goutam Buddha University and Neuro-Biofeedback Society in Oct, 2024.
  6. CRE on ''Neuropsychology across ages: from Pediatrics to Geriatrics" on 7th Nov, 2025 by GMCH Chandigarh.

Ms. Pourabi Chaudhury, Assistant Professor:

- **Publication:**
  1. Chaudhury, P., Roy, P. K., & Tewary, C. (2022). Pandemic, Psychological Distress and Positive Mental Health–Indian Scenario during the Second Wave of the Pandemic. Volume 49 March 2022 No., 49(1), 10-15. ISSN 0303-2582
  2. Chaudhury, P., & Roy, P. K. (2023). Ameliorating Obsessive-Compulsive and Related Disorder with Oppositional Defiant Disorder and Enuresis through Behavior Therapy Approach–A Case Study. Psychology and Mental Health Care, 7(4).ISSN: 2637-8892

- **Paper Presentation/Resource Person:**
  1. Paper presentation on "Designing, Validation and Efficacy of an Ecotherapy Module in Depression – A Pilot Study" in 50th National Annual Conference of Indian Association of Clinical Psychologists (NACIACP 2024) organized by Indian Association of Clinical Psychologists on 9th – 11th February, 2024.
  2. Lecture on "Mental Health Matters" - Necessity Of Making Mental Well-Being A Priority in 12th Annual Conference on "Breaking Barriers and Fostering Research Advance in the Healthcare Sector – Future Trends and Challenges on 15th and 16th September, 2022 (Organized by NSHM Institute of Health Sciences, Kolkata).

3. Workshop on "Ecotherapy: The Reparative Potential of Nature on Mental Health" on 9th – 11th February, 2024, in 50th National Annual Conference of Indian Association of Clinical Psychologists (NACIACP 2024) organized by Indian Association of Clinical Psychologists.
4. Gatekeeper's training for B.sc and M.sc Nursing students on 21st Aug, 2025 held in Institute of Psychiatry-COE, Kolkata.
5. Workshop on CBT Hand on Practice Managing OCD, GAD and Somatoform Disorders on 16th Nov, 2025 organized by TALK CLUBB under Ministry of MSME, Government of India.
6. Workshop on Field Engagement and Care Continuum for Persons with Severe Mental Illness Living on Streets on 4th November, 2025 organized by Ishwar Sankalpa, Kolkata.

- **Participation in Seminar/ Workshop:**
  1. "Techniques and approaches in Mindfulness-based psychotherapy" organized by The Healing Space on 27th and 28th August, 2022.
  2. Virtual symposium on Behavioral Medicine: Understanding the relationship between health & illness organized by Department of Clinical Psychology, NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES (An Institute of National Importance), Bengaluru on 20th and 21st January, 2023.
  3. CRE workshop on Behavioral Medicine – Assessment and Management Approach organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata, on 6th to 8th February, 2023.
  4. 50th National Annual Conference of Indian Association of Clinical Psychologists (NACIACP 2024) organized by Indian Association of Clinical Psychologists on 9th – 11th February, 2024.
  5. CRE workshop on Psychological Management of Obsessive Compulsive and Related Disorders organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 4th to 5th March, 2024.
  6. CRE workshop on Psychological Trauma: Advances in Understanding, Assessment, and Intervention Approaches organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 6th to 7thSeptember, 2024.
  7. CRE on 'Essentials of Neuropsychological Rehabilitation' held on 10th June, 2025.
  8. CRE program on Multi Sectorial Approach in Community Based Rehabilitation: Health, Education, Livelihood, Social and Empowerment organized by Salt Lake Drishti Centre for Learning Disability on 3rd to 4th July, 2025.
  9. CRE on 'Barriers in Accessing Mental Health Services during Crisis' held on 7th November, 2025.
  10. CRE on 'Recent advances in assessment and management of SLD" held on 10th November, 2025.
  11. CRE on Acts and Policies towards persons with disabilities" held on 18th September, 2025.

Dr. Sreetama Chatterjee, Lecturer in Clinical Psychology:

Publications

1. Chatterjee S, Mukherjee T. What addiction spells for the female psyche: A five-factor model personality profile comparison between alcohol dependence and multiple substance dependence in females. Open J Psychiatry Allied Sci. 2024 March 15.
2. Das, S., Chatterjee, S., Mukherjee, A., & Sah, D. (2024). Clinical and psychosocial factors affecting outcome with sublingual buprenorphine-naloxone substitution in opioid dependence in terms of abstinence and compliance-A two years longitudinal study. Personalized Medicine in Psychiatry, 43, 100120.
3. Mukherjee, T., Chatterjee, S., Chowdhury, S., Ahmed, T., & Mukherjee, A. (2023). Contextualizing intersections between digitalization and education: Post-pandemic Psychosocial insights from Indian classrooms. Digital Technologies for Smart Business, Economics and Education: Towards a Promising Future, 171-192.

Paper presentation/Resource Person

1. Guest lectures on Psychological assessment in University of Calcutta in 2024 and 2025.
2. Speaker in CRE Program on "Abuse within the boundaries of safety: The Paradox" in September, 2024 held in IOP, Kolkata, West Bengal.
3. Panel discussion in a prestigious program on "Women and Mental Health Issues in March, 2023 organized by Inner Wheel Club.
4. Panel discussion in a prestigious program on "Euthanasia" in Republic Bangla (News Channel), March 2022.
5. Guest lecture on "Minnesota Multiphasic Personality Inventory" in Tata Institute of Social Sciences (TISS), Mumbai, September, 2022.
6. Speaker in a workshop on "Acceptance and Commitment Therapy" organized by M-Powe, Dec, 2022.
7. Gatekeeper training on Suicide Prevention for medical students held in IOP, 2023.

- **Participation in Seminar/Workshop:**

1. CRE workshop on Behavioral Medicine – Assessment and Management Approach organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata, on 6th to 8th February, 2023.
2. Seminar on "Together We are: Understanding Gender-Sexuality through the lived experiences of Gender-Sexual Marginalized Persons" held in Feb, 2023.
3. Annual conference of Psychiatric Epidemiology held in IOP, Kolkata, Nov, 2023.
4. CRE workshop on Psychological Management of Obsessive Compulsive and Related Disorders organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 4th to 5th March, 2024.
5. CRE workshop on Psychological Trauma: Advances in Understanding, Assessment, and Intervention Approaches organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 6thto 7thSeptember, 2024.
6. Workshop on Neuro-Psychotherapy: Transdiagnostic Treatment of Neurobehavioural Disorders in Varying Cultural Contexts held in IOP, October, 2024.
7. Seminar titled "History of Psychology in relation to Global Peace Resolution and Equity" held in IOP, Kolkata.
8. Sensitization workshop on Rare Disease held on 24th January, 2025 at IPGME&R.
9. Seminar on Disentangling Adult ADHD on 12th April, 2025 organized by Mental Health Foundation, Kolkata, West Bengal.

Dr. Tapasri Das, Lecturer in Clinical Psychology

Book Chapter:

1. A book chapter on "Family environment, parenting, parent-child relationship, frustration tolerance in adolescents with borderline personality disorder" has been accepted by Routledge publications.

Paper Presentation/Resource Person

1. **Lecture on Methods, Techniques & Skills for Counselling Correctional Home Management in Dumdum Correctional Home, July, 2024.**
2. Invited as a panelist in Early Childhood Development Conference, organized by NIEPID, Shishumangal Hospital, held at Circle Club, Kolkata on 9th November, 2025
3. Invited as a panelist on World Mental Health Day, at IOP on 10th October, 2025.

Participation in Seminar/ Workshop

1. CRE workshop on Behavioral Medicine – Assessment and Management Approach organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata, on 6th to 8th February, 2023.
2. CRE workshop on Psychological Management of Obsessive Compulsive and Related Disorders organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 4th to 5th March, 2024.
3. CRE workshop on Psychological Trauma: Advances in Understanding, Assessment, and Intervention Approaches organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 6th to 7th September, 2024.
4. CRE on Research in the field of Disability-Qualitative Research, organized by NIEPID, Kolkata, Feb 2024.
5. CRE on Multidisciplinary Approach in Management of Children with Autism-Special Education Perspectives, 1st March, 2024.
6. CRE on Research in the field of disability- Qualitative research organized
7. by NIEPID Regional Centre Kolkata on 21.2.2024
8. CRE on Research in the field of disability- Qualitative research organized
9. by NIEPID Regional Centre Kolkata on 21.2.2024
10. CRE on Research in the field of disability- Qualitative research organized
11. by NIEPID Regional Centre Kolkata on 21.2.2024
12. CRE on "Understanding and management of Disruptive Impulse Control and Conduct Disorder" held on 19th Nov, 2025.

Ms. Chhavi Tewary, Lecturer in Clinical Psychology:

Publication

1. Chaudhury, P., Roy, P. K., & Tewary, C. (2022). Pandemic, Psychological Distress and Positive Mental Health–Indian Scenario during the Second Wave of the Pandemic. Indian Journal of Clinical Psychology, Volume 49 March 2022 No., 49(1), 10-15. ISSN 0303-2582
2. Chakraborty, A., Ghosh, D., Tewary, C., Saha, P.K., & Roy, P.K. (2022). Development of COVID Threat Perception Inventory as a predictor of Psychological Distress. Indian Journal of Clinical Psychology, 48 (04).

Resource Person:

1. Gatekeeper's training for B.sc and M.sc Nursing students on 21st Aug, 2025 held in IOP, Kolkata.
2. Lecture on "Power of perspectives, changing the narratives of suicide" held on 11th September, 2025 held in IOP, Kolkata.
3. Lecture on "Stress Management" for MBBS students held in IPGME&R, on 10th October, 2025.
4. Lecture at Loreto Day School, Bowbazar on "Promoting Mental Health Awareness and Support for Teachers".

Participation in Seminar/ Workshop:

1. CRE workshop on Behavioral Medicine – Assessment and Management Approach organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata, on 6th to 8th February, 2023

2. CRE workshop on Psychological Management of Obsessive Compulsive and Related Disorders organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 4th to 5th March, 2024.

3. CRE workshop on Psychological Trauma: Advances in Understanding, Assessment, and Intervention Approaches organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkataon 6thto 7thSeptember, 2024.

4. CRE on 'Legal provision and policy frameworks for persons with disabilities in India' held on 3rd November, 2025.

5. CRE on 'Barriers in accessing mental health services during crisis' held on 7th November, 2025 organized by Shri Kushal Das University, Hanumangarh, Rajasthan.

6. CRE on 'Recent advances in assessment and management of SLD" held on 10th November, 2025

Dr. Zainab Ahmed, Clinical Psychologist

Participation in Seminar/Workshop:

1. CRE workshop on Behavioral Medicine – Assessment and Management Approach organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata, on 6th to 8th February, 2023.
2. CRE workshop on Psychological Management of Obsessive Compulsive and Related Disorders organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 4th to 5th March, 2024.
3. CRE workshop on Psychological Trauma: Advances in Understanding, Assessment, and Intervention Approaches organized by Department of Clinical Psychology, Institute of Psychiatry- COE, Kolkata on 6th to 7th September, 2024.
4. CRE on Acts & policies towards persons with disabilities organized by NIEPVD, Dehradun, Nov, 2025
5. CRE on Recent advances in assessment and management of Specific Learning Disability by NIEPID, Kolkata, Nov, 2025.
6. CRE on 'Barriers in accessing mental health services during crisis' held on 7th November, 2025 organized by Shri Kushal Das University, Hanumangarh, Rajasthan.

Psychiatric Social Work

The Department of Psychiatric Social Work started functioning from 2011 with the objective of:

- Providing psychosocial intervention to persons and families with mental illness and
- Imparting higher teaching programs, Master of Philosophy (M.Phil.) in Psychiatric Social Work (PSW).

Psychiatric Social Work is an integral part in the multidisciplinary team in treatment and rehabilitation of persons with mental illness or persons with psychosocial problems. However, professionally qualified psychiatric social workers are very limited in our country. The Government of India has acknowledged the growing need for psychiatric social work and therefore has included in the project for manpower development in mental health under National Mental Health Program (NMHP).

Research Activities (M.Phil Thesis Session 2023-2025)

	Name of the trainee	Name of the topic	Session
1	Supriya Dey	"Identity Formation, Interpersonal Struggle, Help Seeking Barriers and Resilience: A Psycho-social Analysis Among Young men Survivors of Childhood Sexual Abuse"	2023-2025
2	Noushin Tarannum,	" Family Expressed Emotion, Perceived Social Exclusion, Loneliness and Resilience : A study among Acid Survivors"	2023-2025
3.	Niketa Mathoor	"Understanding the Impact 0of Domestic Violence on Men: A Psychosocial Investigation of Expressed Emotion, Mental Health and Suicidal Ideation"	2023-2025
4.	Choutisha Banerjee	" A study on Academic Stress, Social Support and Mental Wellbeing of JEE Aspirants of Kolkata	2023-2025
5.	Manisha Manna	" A Study on Peer Pressure, Loneliness, and Substance Misuse in adolescents' orphans in West Bengal	2023-2025
6.	Nabanita Sil	"Perceived Social Exclusion and Loneliness, Self- consciousness and Family Communication Pattern: Exploring the Experiences of Sexual Minorities in Kolkata, West Bengal"	2023-2025
7.	Anindita Halder	Loneliness, Autonomy, Death Anxiety & Mental wellbeing : A study among Elderly Persons Living in Old-age Home in Kolkata"	2023-2025
8.	Rittika Dey Sardar	Mental Health, Identity Congruence, Resilience, and Health Seeking Behavior: A Descriptive Study among Transgender Persons in West Bengal"	2023-2025
9.	Sayantani Munai Basu	A Descriptive Study on Level of Stress, Quality of Life and Social Support Among the School Teachers in Selected Districts of West Bengal"	2023-2025

Faculty

SN	Name	Designation
1	Mayank Kumar	Head of the Dept., Assistant Professor.
2	Kamalika Bhattacharjee	Psychiatric Social Worker
3	Rupa Chakraborty	Psychiatric Social Worker
4	Rituparna Jash	Psychiatric Social Worker
5	Debapriya Bhowmik	Psychiatric Social Worker
6	Banasri Chakraborty	Psychiatric Social Worker

MPhil in PSW Trainees (2023-2025& 2024-20

SN	Name	Session
1.	Supriya Dey	2023-2025
2.	Noushin Tarannum,	2023-2025
3.	Niketa Mathoor	2023-2025
4.	Choutisha Banerjee	2023-2025
5.	Manisha Manna	2023-2025
6.	Nabanita Sil	2023-2025
7.	Anindita Halder	2023-2025
8.	Rittika Dey Sardar	2023-2025
9.	SayantaniMunaiBasu	2023-2025

10.	Yuthika Bag	2024 - 2026
11.	HenaMallick	2024 - 2026
12.	SoyelMitra	2024 - 2026
13.	Ankita Chandra	2024 - 2026
14.	SusmitaDutta	2024 - 2026
15.	ShreyaSaha	2024 - 2026
16.	Robin Kabiraj	2024 - 2026
17.	PranatiSaha	2024 - 2026
18.	TamonyaModak	2024 - 2026
19.	SoumyaSaha	2024 - 2026
20.	Writi Roy	2024 - 2026
21.	Suchandra Kolay	2024 - 2026
22.	Riya Hembram	2024 - 2026
23.	Sneha John	2024 - 2026

Services of Department of Psychiatric Social Work

The Department offers a wide range of clinical services through outpatient clinics and inpatient services. The general outpatient service runs 6 days a week between 9.00 am and 4pm from Monday to Friday and from 9 am to 2 pm on Saturday, both assessment and psychosocial management and follow ups to individuals and their family are being provided along with inpatient services.

Our current services:

- **Assessment:**
    a. Psychosocial and Clinical assessment of individuals and family.
- **Psychosocial Intervention:**
    a. For individuals: Social Case Work, Individual Counselling and different therapies. Social skills training for mentally challenged children and persons with schizophrenia.
    b. For group of people with special needs: Social Group Work and Group Therapies for: the person who are suffering from substance misuse disorder, intellectually challenged children and their caregivers, children with ADHD and their parents, children with conduct disorder and their parents, persons with OCD and their care giversand other behavioral problems and their families.
    c. For families in need: Marital and Family Therapy, Crisis Management, Psycho-education and Family Guidance.
- **Rehabilitation:**
    a. Department has started to undertake various community-based care and service programs e.g., home/work place/school visits. Plan is to scale up community outreach services e.g. awareness programs on mental health, initiation of self-help groups. Active liaising with other Government organizations, NGOs and agencies. We are developing information, educational and communication (IEC) materials for community sensitization and education.
- **Community Services:**
    a. Home visits: For psychosocial assessment and intervention
    b. Department has plan to undertake various community-based care and service programs.home/work place/school visits, community outreach services, awareness programs on mental health, initiation of self-help groups. Active liaising with other Government organizations, NGOs and agencies. We are developing information, educational and communication (IEC) materials for community sensitization and education.
- **Training and Manpower Development:**
    a. Department started Master of Philosophy in Psychiatric Social Work (M. Phil in PSW) a 2 years full time course in 2011. Apart from this, department will offer short term training to students and trainees of various courses such as MSW, rehabilitation and nursing professionals etc. The department of Psychiatric Social work is organizing various academic programs time to time like seminars, topic discussions, case conference and presentations, journal clubs, Movie Club, Debate club along with academic classes and discussions and clinical exposures.
- **Research:** Priority area of research of the department is psychosocial aspect of mental health, psychosocial disabilities/rehabilitation.

Departmental Activities

1. One day workshop on The Protection of Children from Sexual Offences Act 2012 : Legal Safeguards and Mental Health Impact on Child Survivors on 15th February 2025 in Auditorium Hall of Institute of Psychiatry-COE, Kolkata in collaboration with Department of Psychiatric Social Work and CINI.
2. Eight (One day) Awareness Campaign on Drug Abuse Prevention in different colleges in between January to February 2025.
3. On 8th March 2025 there was a mental health clinical camp by Department of Psychiatric Social Work and Department of Psychiatric Epidemiology, Institute of Psychiatry - COE, Kolkata in Kanthi, West Bengal.
4. Sensitisation program common mental and physical health issues of elderly in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD):
    - One day Sensitisation program common mental and physical health issues of elderly on 9th April 2025 in Asiatic Society, Kolkata, West Bengal
    - One day Sensitisation program common mental and physical health issues of elderly on 16th April 2025 in Aditi Auditorium, Kolkata, West Bengal
    - One day Sensitisation program common mental and physical health issues of elderly on 21st April 2025 in Kheyali Khelaghar, Kolkata, West Bengal
    - One day Sensitisation program common mental and physical health issues of elderly on 13th May 2025 in Bethune Institute of Geriatrics Research & Rehabilitation Centre (BIGRRC), Kolkata, West Bengal
    - One day Sensitisation program common mental and physical health issues of elderly on 15th June 2025 in Police Training School, Kolkata, West Bengal
    - Two day Sensitisation program common mental and physical health issues of elderly on 21st & 22nd June 2025 in Indian Museum, Kolkata, West Bengal

5. Capacity Building Program on Drug Abuse Prevention in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD):
    - Two day Capacity Building Program on Drug Abuse Prevention on 17th & 18th April 2025 in NCB, Kolkata, West Bengal
    - Two day Capacity Building Program on Drug Abuse Prevention on 19th & 20th April 2025 in Auditorium Hall, Institute of Psychiatry - COE, Kolkata, West Bengal
    - Two day Capacity Building Program on Drug Abuse Prevention on 17th & 18th April 2025 in NCB, Kolkata, West Bengal
    - Two day Capacity Building Program on Drug Abuse Prevention on 23rd & 24th April 2025 in Regional Institute of Correctional Administration, Kolkata, West Bengal
    - Two day Capacity Building Program on Drug Abuse Prevention on 25th & 26th April 2025 in Regional Institute of Correctional Administration, Kolkata, West Bengal
    - Two day Capacity Building Program on Drug Abuse Prevention on 27th & 28th April 2025 in Regional Police Training School, Howrah, West Bengal
    - Two day Capacity Building Program on Drug Abuse Prevention on 29th & 30th April 2025 in Swami Vivekanand State Police Academy, Barrackpore, West Bengal
6. Sensitisation program on transgender in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD):
    - One day Sensitisation program on transgender on 24th June 2025 in Swasthya Bhawan, Kolkata, West Bengal
    - One day Sensitisation program on transgender on 25th June 2025 in Swasthya Bhawan, Kolkata, West Bengal
    - One day Sensitisation program on transgender on 26th June 2025 in Swasthya Bhawan, Kolkata, West Bengal

7. Two-day outreach program on mental health screening and awareness of senior citizens named ' Saarthak' in different old-age homes of Kolkata in collaboration with Department of Psychiatric Social Work and Helpage India from July to August 2025.
8. Two School Enrichment Program Series; Safe School, Strong Minds : A dialogue to strengthen teacher's roles in student well-being and drug prevention in collaboration with Department of Psychiatric Social Work and Narcotic Control Bureau, Kolkata Zone on 5th June 2025 in The Newtown School, Kolkata, West Bengal and 12th June 2025 in Mandarmani, West Bengal.
9. One day workshop on Informative seminar on Alzheimer's day in Auditorium Hall of Institute of Psychiatry - COE in collaboration with Department of Psychiatric Social Work and ARDSI
10. Two Programs on Observation on World Suicide Prevention Day on 10th September 2025 in Maharani Kasiswari College, Kolkata, West Bengal and 16th September 2025 Police Training School, Kolkata, West Bengal.
11. Two programs on Healing Young Minds: Workshop on Addressing Mental Health Emergencies in collaboration with Department of Psychiatric Social Work and CINI on 13th October 2025 in Rabindra Kanan, Kolkata West Bengal and 14th October 2025 in Vivekanand Sporting Club, Kolkata, West Bengal.

Mr. Mayank Kumar
Designation - Head of the Department & Assistant Professor
Qualification - MSW, MPhil in Psychiatric Social Work, PGD (Human Rights), PhD (Pursuing)

- Worked as a Project Head of 6 one day Sensitisation program common mental and physical health issues of elderly in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 09/04/2025, 16/04/2025, 21/04/2025, 13/05/2025, 15/06/2025
- Worked as Project head of 1 two days Sensitisation program common mental and physical health issues of elderly in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 21&22/06/2025.
- Project Head oftwo Capacity building program each of two days on Capacity Building Program on Drug Abuse Prevention in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 19&20/04/2025 and 27&28/04/2025.
- Project Head of Sensitisation program on transgender in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 26/06/2025
- Take part in 4 Community outreach program for screening basic mental health issues and provide awareness on mental wellbeing for older persons Organised by Department of Psychiatric Social Work, Io-COE and Help Age India on 25&26/07/2025, 28&29/07/2025, 08/08/2025, 11/08/2025 named 'Saarthak'
- Attended Kolkata Police Law Institute, Regional Institute of Correctional Administration GoWB, and others govt and non govt Institutions as Resource Person for giving lectures on various mental health issues.
- Reviewer in Indian Journal of Public Health (Scopus Index)
- Organised various programmes on the behalf of Department of Psychiatric Social Work, IOP-COE.

Publications

1. Mondal, S., Kheto, P., Mukherjee, A., Kumar, M.,&Mandal, R. (2025). A case series on management of conduct disorders with poor treatment adherence and parent-child conflict: Exploring psychiatric social work and medication interventions. Indian Journal of Health Social Work, 7_ (1), 121–126. https://aiamswp.org.in/wp-content/uploads/2025/10/Vol-71-Jan-to-June-25-125-130.pdf (Corresponding Author)
2. Articles has been submitted for publication in Index Journals.

Ms. Debapriya Bhowmik
Designation - Psychiatric Social Worker
Qualification - M.Phil in Psychiatric Social Work

Activities:

- Psychosocial assessment and intervention to the persons with mental illness in the community through outreach camp and OPD services.
- Looking after the welfare of the admitted mentally ill patients in the IPD.
- Psychosocial assessment including disability assessment (through administration of IDEAS).
- Conduct training programmes to the community leaders and other stakeholders.
- Individual Psychotherapy as well as Family & Group psychotherapy to persons with mental illness and their family members
- Rehabilitating persons with mental illness according to vocational needs by keeping the current state of mind or severity of the illness in consideration for mainstreaming them in the society.
- Conducted (One day) Awareness Campaign on Drug Abuse Prevention in University of Engineering and Management(UEM) in between January to February 2025 in collaboration with Department of psychiatric social Work, IOP-COE, Kolkata and State Legal Services Authority.
- Conducting Drug Abuse Prevention awareness program in collaboration with Narcotics Control Bureau in schools and colleges of Kolkata.
- Conducting a one day awareness program with the Principals of KendriyaVidyalaya of West Bengal.
- Academic duties - Providing academic classes, supervising case work and group work to the trainees of M.Phil in Psychiatric Social Work
- Guiding the trainees of M.Phil in Psychiatric Social Work for Dissertation along with family therapy and group therapy submission as per course.
- Information- Communication- Education (IEC) Activities.
- Additionally, the administrative & office work and any other activities assigned by respective authorities.
- Participated one day Psychiatric Clinical camp for school students in Kanthi, West Bengal Organised by Department of Psychiatric Social Work and Department of Psychiatric Epidemiology on 8th march, 2025.
- Worked as Project Associate for six each of two days on Capacity Building Program on Drug Abuse Prevention in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 17th & 18th, 23rd & 24th, 25th & 26th, 27th & 28th and 29th & 30th April 2025.
- Attended four one day Sensitisation program on Common mental and physical health issues of elderly in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 16/04/2025, 21/04/2025, 13/05/2025, 15/06/2025.
- Attended 1 two days Sensitisation program on Common mental and physical health issues of elderly in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 21&22/06/2025.
- Attended three Sensitisation program on transgender in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 24th, 25th & 26th June 2025.

- Take part in 4 Community outreach program for screening basic mental health issues and provide awareness on mental wellbeing for older persons Organised by Department of Psychiatric Social Work, Io-COE and Help Age India on 25&26/07/2025, 28&29/07/2025, 09/08/2025, 11/08/2025 named 'Saarthak'
- Conducted a workshop on Mental Wellbeing for adolescent on 14/10/2025, Organised by Department of Psychiatric Social Work and CINI.
- Participated in one day Informative Seminar on Alzheimer's Day on 22th September 2025, Organised by Department of Psychiatric Social Work and ARDSI Calcutta.

Ms. Banasri Chakraborty
Designation - Psychiatric Social Worker
Qualification - M.Phil in Psychiatric Social Work

Activities

- Psychosocial assessment and intervention to the persons with mental illness in the community through outreach camp and OPD services.
- Looking after the welfare of the admitted mentally ill patients in the IPD.
- Psychosocial assessment including disability assessment (through administration of IDEAS).
- Conduct training programmes to the community leaders and other stakeholders.
- Individual Psychotherapy as well as Family & Group psychotherapy to persons with mental illness and their family members
- Rehabilitating persons with mental illness according to vocational needs by keeping the current state of mind or severity of the illness in consideration for mainstreaming them in the society.
- Conducting awareness program on common mental health disorders
- Academic duties - Providing academic classes, supervising case work and group work to the trainees of M.Phil in Psychiatric Social Work
- Guiding the trainees of M.Phil in Psychiatric Social Work for Dissertation along with family therapy and group therapy submission as per course.
- Information- Communication- Education (IEC) Activities.
- Additionally, the administrative & office work and any other activities assigned by respective authorities.
- Participated one day Psychiatric Clinical camp for school students in Kanthi, West Bengal Organised by Department of Psychiatric Social Work and Department of Psychiatric Epidemiology on 8th march, 2025.
- Worked as a Project Associate of 6 one day Sensitisation program common mental and physical health issues of elderly in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 09/04/2025, 16/04/2025, 21/04/2025, 13/05/2025, 15/06/2025
- Worked as Project Associate of 1 two days Sensitisation program common mental and physical health issues of elderly in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 21&22/06/2025.
- Attended two Capacity building program each of two days on Capacity Building Program on Drug Abuse Prevention in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 19&20/04/2025 and 27&28/04/2025.
- Attended one Sensitisation program on transgender in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 26/06/2025
- Take part in 4 Community outreach program for screening basic mental health issues and provide awareness on mental wellbeing for older persons Organised by Department of Psychiatric Social Work, Io-COE and Help Age India on 25&26/07/2025, 28&29/07/2025, 08/08/2025, 11/08/2025 named 'Saarthak'
- Conducted a workshop on Mental Wellbeing for adolescent on 14/10/2025, Organised by Department of Psychiatric Social Work and CINI.
- Participated in one day Informative Seminar on Alzheimer's Day on 22th September 2025, Organised by Department of Psychiatric Social Work and ARDSI Calcutta.

Rupa Chakraborty, Psychiatric Social Worker

Academic participation and other activities

- Participated in the Faculty Development programme on Advanced Trends in Research Techniques Series -1: Qualitative analysis using NVivo organized by Fr. LaFont Centre of Excellence in research and innovation of St. Xaviers University, Kolkata on 22 and 23 September,2023.
- Participated training program on plagiarism Detection tool (Turnitin Feedback studio) on November 18th,2023 in St. Xavier's University Kolkata.
- Speaker in a workshop on 25th August 2023 on Management and life skill training for challenges faced in adolescent organized by Department of psychiatric Epidemiology and Psychiatric social Work, Institute of Psychiatry, Kolkata.
- Supervision an awareness programme on Mental Health and role of caregivers in prevention OF Substance misuse among Children and Youth in collaboration with Kolkata Mary ward social Centre in Redlight project on 22th November 2023.
- Participated in a Community Mental Health awareness programme in collaboration with psychiatry epidemiology Department in Namkhana, South 24 pargana District on 17th December 2022.
- Attended Talk organized by ARDSI CACUTTA CHAPTER in collaboration with Department of Psychiatric Social work, Institute of psychiatry -COE ON 21ST September,2023.
- Provide special education services in child and adolescent clinic (IOP-COE) in collaboration with, play therapist, Occupational therapist and psychiatrist

Miss. Rituparna Jash, Psychiatric Social Worker.

- Attended monthly webinar series arranged by Centre for violence against women and mental health, NIMHANS Bangalore.
- Participated in National Conference of ISPSW held on 18-20th february, 2023.
- Participated and Conducted a workshop with a team of Psychiatric Social Worker on stress management and issue faced by adolescents at Institution of Psychiatry, Kolkata held on 25th august, 2023.
- Participated in a program for suicide prevention arranged by MIMH, Pune on 9th september, 2023.
- Conducted a workshop with a clinical psychologist on psychosocial rehabilitation for neurological disorders at a local clinic held on 14th october, 2023.

Ms. Kamalika Bhattacharjee
Designation - Psychiatric Social Worker
Qualification - M.Phil. in Psychiatric Social Work

Activities

- Psychosocial assessment and intervention to the persons with mental illness in the community through outreach camp and OPD services.
- Looking after the welfare of the admitted mentally ill patients in the IPD.
- Psychosocial assessment including disability assessment (through administration of IDEAS).
- Conduct training programmes to the community leaders and other stakeholders.
- Individual Psychotherapy as well as Family & Group psychotherapy (OCD) to persons with mental illness and their family members
- Rehabilitating persons with mental illness according to vocational needs by keeping the current state of mind or severity of the illness in consideration for mainstreaming them in the society.
- Conducting awareness program on common mental health disorders
- Academic duties - Providing academic classes, supervising case work and group work to the trainees of M.Phil in Psychiatric Social Work
- Guiding the trainees of M.Phil in Psychiatric Social Work for Dissertation along with family therapy and group therapy submission as per course.
- Information- Communication- Education (IEC) Activities.
- Additionally, the administrative & office work and any other activities assigned by respective authorities.
- Conducted (One day) Awareness Campaign on Drug Abuse Prevention in Adamas University in between January to February 2025 in collaboration with Department of psychiatric social Work, IOP-COE, Kolkata and State Legal Services Authority.
- Attended 6 one day Sensitisation program common mental and physical health issues of elderly in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 09/04/2025, 16/04/2025, 21/04/2025, 13/05/2025, 15/06/2025
- Attended two days Sensitisation program common mental and physical health issues of elderly in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 21&22/06/2025.
- Attended two Capacity building program each of two days on Capacity Building Program on Drug Abuse Prevention in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 19&20/04/2025 and 27&28/04/2025.
- Worked as Project associate onthree Sensitisation program on transgender in collaboration with Department of Psychiatric Social Work and National Institute of Social Defence (NISD) on 26/06/2025
- Take part in 4 Community outreach program for screening basic mental health issues and provide awareness on mental wellbeing for older persons Organised by Department of Psychiatric Social Work, Io-COE and Help Age India on 25&26/07/2025, 28&29/07/2025, 08/08/2025, 11/08/2025 named 'Saarthak'.
- Attendeda workshop on Mental Wellbeing for adolescent on 14/10/2025, Organised by Department of Psychiatric Social Work and CINI.
- Worked as moderator in one day Informative Seminar on Alzheimer's Day on 22th September 2025, Organised by Department of Psychiatric Social Work and ARDSI Calcutta.

COLLEGE OF NURSING
INSTITUTE OF PSYCHIATRY-COE

FACULTY

SN	NAME & QUALIFICATION	DESIGNATION
1	Ms. Gita Purkait MSc in Psychiatric Nursing	Principal cum Associate Professor
2.	Mrs. Payel Saha MSc in Psychiatric Nursing	Assistant Professor
3	Ms. Sanchita Bhunia MSc in Psychiatric Nursing	Assistant Professor (Senior Faculty)
4	Mrs. Juin Das MSc in Psychiatric Nursing	Senior Faculty (DNS)
5.	Mrs. Nilima Mishra MSc in Psychiatric Nursing	Faculty (Sister Tutor)
6.	Mrs. Sudeshna Guha MSc in Psychiatric Nursing	Faculty (Sister in Charge)
7.	Mrs. Sonali Mondal MSc in Psychiatric Nursing	Faculty (Sister in Charge)
8.	Mrs. Barnali Roy MSc in Obstetric and Gynecological Nursing	Faculty (Tutor)
9.	Mrs. Banhi Singha Roy MSc in Medical Surgical Nursing - Critical care	Faculty (Tutor)

Post graduate trainees and DPN students

SN	M.SC. NURSING COURSE			DPN COURSE	
	SESSION – 2023-2025	M.SC. NURSING SESSION-2024-2026	M.SC. NURSING SESSION-2025-2027	SESSION-Sept.2024-Aug. 2025	SESSION-Nov. 2025- Aug. 2026
1	Shamima Akhtar	Debika Banerjee	Madhumita Banik	Barsha Adak	Arpita Banerjee
2	Purnima Chatterjee	Samiksha Banerjee	Shromana Giri	Madhumita Adak	Samprikta Chakraborty
3	Sucharita Karmakar	Amisha Jash	Saimoshree Maji	Piyali De	Lata Chandra
4	Sikha Maiti	Rituparna Ghosh	Sujata Mantri Mondal	Dipanwita Halder	Aditi Chowdhury
5	Lipika Mondal	Sabnam Mallick	Susmita Mukherjee	Antara Hazra	Ananya Das
6	Swagata Roy	Saheli Ghosh	Nikhat Nazmi	Koushik Hens	Falguni Das
7	Toma Roy	Sukanya Bayen	Ankana Roy	Payel Khatun	Sebak Dhara
8	Barnali Samanta	Smita Mondal	Sakuntala Samanta	Sulekha Khatun	Pramit Dutta
9		Sudeshna Saha	Sanjukta Sing	Saptapornee Mondal	Tithi Maity
10.		Dolma Sherpa	Babita Tudu	Preeti Pal	Aritri Mallik
11.				Antara Sahoo	Ambuja Mondal
12.				Sudipta Sarkar	Debarghya Naskar
13.				Dolan Shit	Ritwija Sarkar
14.					Jyosna Patra

Pursuing Nursing Research:

SN	Name of scholar	Designation	Name of the University
1.	Ms Gita Purkait	Principal Cum Associate Professor	Manipur International University

M.SC. NURSING SESSION-2024-2026

SN	Research scholar	Problem statement	Name of guide
1	Shamima Akhtar	Assessment of burden and quality of life among parents having children with attention deficit hyperactivity disorder (ADHD) attending outpatient department of government hospitals, Kolkata	Mrs. Chandrima Maity Professor College of Nursing, CNMCH

2	Purnima Chatterjee	Assessment of emotional intelligence (EI) and professional adjustment among staff nurses of different intensive care units (ICUs) in Government hospitals, West Bengal	Mrs. Chandrima Maity Professor College of Nursing, CNMCH
3	Sucharita Karmakar	Effect of video assisted awareness programme on resilience and knowledge regarding promotion of mental wellbeing among elderly people residing at rural community, West Bengal	Ms. Gita Purkait Acting Principal Cum Associated Professor, College of Nursing, IOP- COE
4	Sikha Maiti	Assess perception of vulnerability to mental health issues and pattern of health seeking behaviour among elderly people residing at rural community, West Bengal	Ms. Gita Purkait Acting Principal Cum Associated Professor, College of Nursing, IOP- COE
5	Lipika Mondal	Assessment of psychological ill-being and adopted coping strategies among mothers of neonates admitted in Neonatal intensive care unit (NICU) of government hospitals, West Bengal	Ms. Gita Purkait Acting Principal Cum Associated Professor, College of Nursing, IOP- COE
6	Swagata Roy	Effect of planned teaching programme on knowledge regarding sex education among students of secondary school, West Bengal	Ms. Gita Purkait Acting Principal Cum Associated Professor, College of Nursing, IOP- COE
7	Toma Roy	Effect of training on anger management skills among students of higher secondary schools, West Bengal	Ms. Gita Purkait Acting Principal Cum Associated Professor, College of Nursing, IOP- COE
8	Barnali Samanta	Effect of awareness program on knowledge regarding management of temper tantrum among mothers of toddlers residing in rural community, West Bengal	Mrs. Payel Saha Assistant Professor College of Nursing, IOP- COE

M.SC. NURSING SESSION-2025-2027

SN	Research scholar	Problem statement	Name of guide
1	Debika Banerjee	Assessment of sleep quality and academic self-efficacy among adolescents of higher secondary school, West Bengal	Prof. Madhusri Manna Vice Principal College of Nursing, Asia Heart Foundation
2	Samiksha Banerjee	Assessment of depression and adopted coping strategies among elderly people residing in rural community, West Bengal	Mrs Payel Saha Assistant Professor, College of Nursing, IOP- COE
3	Sukanya Bayen	Assessment of emotional intelligence and psychosocial functioning of students of selected higher secondary schools of Serampore-Uttarpara block, Hooghly district, West Bengal	Prof (Dr.) Kasturi Mondal Professor Cum Principal College of Nursing, Asia Heart Foundation
4	Rituparna Ghosh	Assessment of mental well-being and dietary pattern among adolescents of selected higher secondary school, Dumdum, Kolkata, West Bengal	Prof (Dr.) Kasturi Mondal Professor Cum Principal College of Nursing, Asia Heart Foundation
5	Saheli Ghosh	Assessment of stress and coping strategies among family members of patients attending dialysis unit of Government hospital, West Bengal	Ms. Gita Purkait Principal Cum Assoc. Professor, College of Nursing IOP- COE
6	Amisha Jash	Assessment of motivation and self-changing strategies to quit smoking among tobacco smokers residing in rural community, West Bengal	Ms. Gita Purkait Principal Cum Associated Professor, College of Nursing IOP- COE
7	Sabnam Mallick	Assessment of depression and coping strategies among adult patients with cancer in a selected hospital, West Bengal	Prof. Madhusri Manna Vice Principal College of Nursing, Asia Heart Foundation
8	Smita Mondal	Effect of structured teaching programme on knowledge regarding teenage crisis among students of higher secondary schools, West Bengal	Ms. Gita Purkait Principal Cum Assoc. Professor, College of Nursing IOP- COE
9	Sudeshna Saha	Assessment of psychological stress and risk of suicidal attempt among unemployed young adults residing in urban community, West Bengal	Ms. Gita Purkait Principal Cum Associated Professor, College of Nursing IOP- COE

SN	Research scholar	Problem statement	Name of guide
10	Dolma Sherpa	Effect of awareness programme on knowledge regarding Tele mental health programme (Tele-manas) among people residing in rural community, West Bengal	Ms. Gita Purkait Principal Cum Associated Professor, College of Nursing IOP- COE

Non-teaching Staff

SN.	Non-teaching Staff	Designation
1.	Mr. Asit Saha	Account Officer
3.	Mr. Debasish Das	LDC
4.	Mr. Krishendu Maiti	Warden
5.	Mr. Gopal sardar	Kitchen Staff
6.	Mr. Biswajit Dey	Security Guard
7.	Mr. Karan Mallick	Ward Boy and Scavenger
8.	Mr. Pampa Bose	Ward Boy and Scavenger

FACULTY NEWS

Ms. Gita Purkait (Principal cum Associate Professor)
Participated in

- TNAI Conference in 2022, 2023,2024
- International Conferences Organized by TNAI
- Annual National Conference on Nursing Research Society of India.
- Online "Training Program on Life-skills" for 5days 2023
- Online NBEMS CPR Awareness Program on 6th December 2023 organized by National Board of Examinations in Medical Sciences
- Online "Training Program on Statistical Analysis with Excel" from 9th to 13th December 2023 organized by AISSMS and Research Foundation of India.
- Suicide Prevention- Gatekeeper Training for the Students of College of Nursing, IOP-COE

Attended

I. In 2025, attend as an organizing chairperson cum convener and speaker for the 2-days workshop on "Nutrition and Mental health- The Gut-Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May and 7th May 2025.

II. In 2025, attend as a Special Guest of Inaugural Session for the 2-days State Level Conference on "United for the Elderly: Promoting Wellbeing, Dignity and Rights in Aging Against Loneliness and Isolation" organised by Dept. of Psychiatric Social Work, Institute of Psychiatry - COE (Govt. of W.B.), Kolkata & The Indian Museum, Ministry of Culture, Govt. of India in Collaboration with National Institute of Social Defense (Sr. Citizen Division), Ministry of Social Justice & Empowerment, Govt. of India on 21st June -22nd June, 2025.

III. In 2025, attend as an organizing chairperson cum convener for the 1-day Staff Development Programme on "Creating a safe and respectful workplace- Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" arranged by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.

IV. In 2025, attend as a Chairperson of Technical Session for the 1-day workshop on "Ask About Dementia, Ask About Alzheimer's: Facing the Challenges Together, Supporting the Journey" organized by Dept. of Psychiatric Social Work, Institute of Psychiatry - Centre of Excellence (IOP-COE) in collaboration with ARDSI Calcutta on 22nd September, 2025

V. In 2025, attend as a participant for the 3-days workshop at AIIHPH, Kolkata ; Theme – Short Course on Scientific Writing, Kolkata on 24th September to 26th September, 2025.

VI. In 2025, attend as a Special Guest of Inaugural Session for the 2-days IVth International Virtual nursing Conference on "Age Relater Trends in Management of Addictive Behavioral Disorders and Substance Use Disorder" organised by Institute of Psychiatry-COE, Kolkata in collaboration with National association of Indian Nurses of America (NAINA) USA and ABD and SUD-CARE Group, India on 23rd November and 24rd November,2025

Professional Affiliation

- Life Member of TNAI and ISPN (Indian Society of Psychiatric Nurses) at Professional level
- Program Chairperson of Trained Nurses Association of India, West Bengal Branch

Mrs. Payel Saha (Assistant Professor)

Participated in

- Attended 22nd Annual National Conference-Nursing Research Society of India.
- Attended TNAI Conference.

Attended

I. In 2025, attend as a participant for the 2-days workshop on "Nutrition and Mental health- The Gut-Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May and 7th May 2025.

II. In 2025, attend as a participant for the 1-day Staff Development Programme on "Creating a safe and respectful workplace-Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" arranged by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.

III. In 2025, attend as a delegate for the 2-days IVth International Virtual nursing Conference on "Age Relater Trends in Management of Addictive Behavioral Disorders and Substance Use Disorder" organised by Institute of Psychiatry-COE, Kolkata in collaboration with National association of Indian Nurses of America (NAINA) USA and ABD and SUD-CARE Group, India on 23rd November and 24rd November,2025

Certification

Passed the certificate course of Nutrition from Indira Gandhi National Open university.

Professional Affiliation: TNAI membership

Ms. Sanchita Bhunia -Senior Faculty (DNS)

Participated in

- Workshop on Educational Technology
- Various TOT programs at community level such as MAA, IMNCI, ANC and PNC etc.
- Workshop on Nursing Management of HIV infection/AIDS
- Seminar on Walking on Broken Glass: Developing Standards in Emergency Management and Acute care
- TNAI conference
- Conference of SOMI.

Attended

I. In 2025, attend as a participant for the 2-days workshop on "Nutrition and Mental health- The Gut-Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May and 7th May 2025.

II. In 2025, attend as a participant for the 1-day Staff Development Programme on "Creating a safe and respectful workplace-Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" arranged by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.

III. In 2025, attend as a delegate for the 2-days IVth International Virtual nursing Conference on "Age Relater Trends in Management of Addictive Behavioral Disorders and Substance Use Disorder" organised by Institute of Psychiatry-COE, Kolkata in collaboration with National association of Indian Nurses of America (NAINA) USA and ABD and SUD-CARE Group, India on 23rd November and 24rd November,2025

Areas of Research:

Nursing Research done -"Assessment of unmet need and care received at home by mentally ill clients who are attending the OPD of Pavlov Mental Hospital, Kolkata" **-(Published In Universe International Journal of Interdisciplinary Research in June 2022)**

Professional Affiliation: TNAI

Mrs. Juin Das- Senior Faculty (DNS)

Attended

- In 2025, attend as a participant for the 2-days workshop on "Nutrition and Mental health- The Gut-Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May and 7th May 2025.
- In 2025, attend as a participant for the 1-day Staff Development Programme on "Creating a safe and respectful workplace-Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" arranged by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.
- In 2025, attend as a delegate for the 2-days IVth International Virtual nursing Conference on "Age Relater Trends in Management of Addictive Behavioral Disorders and Substance Use Disorder" organised by Institute of Psychiatry-COE, Kolkata in collaboration with National association of Indian Nurses of America (NAINA) USA and ABD and SUD-CARE Group, India on 23rd November and 24rd November,2025

Areas of Research:

Nursing Research done –"A study on internet addiction, academic achievement and lifestyle pattern of nursing students in selected nursing colleges, Kolkata"

Mrs. Nilima Mishra- Faculty (Sister Tutor)

Participated in

- Attended various TOT program at community level such as MAA, IMNCI, IUCD, COLD CHAIN HANDLAR, MRVC, ANC and PNC etc.
- Attended Work shop on Nursing Management of HIV infection/AIDS
- Attended various TOT program on NVBDCP, COVID 19.

Attended

I. In 2025, attend as a participant for the 2-days workshop on "Nutrition and Mental health- The Gut-Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May and 7th May 2025.
II. In 2025, attend as a participant for the 2-days State Level Conference on "United For The Elderly: Promoting Wellbeing, Dignity, And Rights In Aging against Loneliness And Isolation" on 21st June & 22nd June 2025
III. In 2025, attend as a participant for the 1-day Staff Development Programme on "Creating a safe and respectful workplace- Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" arranged by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.
IV. In 2025, attend as a delegate for the 2-days IVth International Virtual nursing Conference on "Age Relater Trends in Management of Addictive Behavioral Disorders and Substance Use Disorder" organised by Institute of Psychiatry-COE, Kolkata in collaboration with National association of Indian Nurses of America (NAINA) USA and ABD and SUD-CARE Group, India on 23rd November and 24rd November,2025

Areas of Research

Nursing Research done – "Assessment of Aggressive Behaviour and Its Relationship with Psychosocial Factors among Adolescent Boys Residing in The Rural Community, West Bengal."

Mrs. Sudeshna Guha- Faculty (Sister in Charge)

Participated In

- As a speaker for one day Staff Development Program on ' Creating a safe and respectful workplace: Empowering employee with POSH awareness and compliance(Get to know, Act to stop, Think to prevent) arranged by M.Sc. Nursing 2nd Year students, CON, IOP-COE, Kolkata -25 on 25/6/25
- As a speaker in Sensitization Program on Infection NQAS arranged by Kolkata Medical College and Hospital August 2024.

Attended

I. Attend 'Sensitization Program On Rare Diseases' on 24th January 2025 organised by Ministry of Health and Family Welfare West Bengal at IPGME&R and SSKM Hospital
II. In 2025, attended for the 2 days workshop on 'Nutrition and Mental Health The Gut Brain Connection; Nursing Science and Missed Nursing' arranged by M. Sc. Nursing 1st year students of college of nursing, IOP-COE, Kolkata on 6th and 7th May 2025.
III. In 2025, attend as a speaker for the 1-day Staff Development Programme on "Creating a safe and respectful workplace- Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" arranged by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.
IV. In 2025, Attend as a delegate for the 2-days IVth International Virtual nursing Conference on "Age Relater Trends in Management of Addictive Behavioral Disorders and Substance Use Disorder" organised by Institute of Psychiatry-COE, Kolkata in collaboration with National association of Indian Nurses of America (NAINA) USA and ABD and SUD-CARE Group, India on 23rd November and 24rd November,2025

Certification

- Certified as COVID warrior by TNAI in 2021

Areas of Research

Assessment of perceived stress, problems and coping strategies during COVID-19 period among school going children residing in the selected urban community, Kolkata

Mrs. Sonali Mandal- Faculty (Sister in Charge)

Participated in

- Attended various TOT program on COVID 19.
- Infection control training, Dengue & Malaria prevention training

Attended

I. In 2025, attend as a participant for the 2-days workshop on "Nutrition and Mental health- The Gut-Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May and 7th May 2025.
II. In 2025, attend as a participant for the 1-day Staff Development Programme on "Creating a safe and respectful workplace- Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" arranged by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.
III. In 2025, attend as a participant for the 2-days State Level Conference on "United For The Elderly: Promoting Wellbeing, Dignity, And Rights In Aging against Loneliness And Isolation" on 21st June & 22nd June 2025
IV. In 2025, Attend as a delegate for the 2-days IVth International Virtual nursing Conference on "Age Relater Trends in Management of Addictive Behavioral Disorders and Substance Use Disorder" organised by Institute of Psychiatry-COE, Kolkata in collaboration with National association of Indian Nurses of America (NAINA) USA and ABD and SUD-CARE Group, India on 23rd November and 24rd November,2025

Areas of Research:

Nursing Research done –"Assessment of the risk factors of the deliberate self-harm and knowledge for its prevention among the students in the selected Higher Secondary School, Kolkata."

Mrs. Barnali Roy- Faculty (Tutor)

Participated in

- Attended various TOT program on COVID 19.
- Gate Keeper Training
- TNAI conference
- Conference of SOMI.

Attended

I. In 2025, attend as a participant for the 2-days workshop on "Nutrition and Mental health- The Gut-Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May and 7th May 2025.

II. In 2025, attend as a participant for the 1-day Staff Development Programme on "Creating a safe and respectful workplace- Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" arranged by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.

III. In 2025, Attend as a delegate for the 2-days IVth International Virtual nursing Conference on "Age Relater Trends in Management of Addictive Behavioral Disorders and Substance Use Disorder" organised by Institute of Psychiatry-COE, Kolkata in collaboration with National association of Indian Nurses of America (NAINA) USA and ABD and SUD-CARE Group, India on 23rd November and 24rd November,2025

Areas of research work/ Publication-

- Research work on:" Identification of knowledge and attitude on Comprehensive Abortion Care (CAC) among married women of reproductive age group with a view to develop an awareness program in selected rural community, West Bengal". Publication: **J Comprehensive Health 2020;8(2);**

Professional affiliation: TNAI

Mrs. Banhi Singha Roy- Faculty (Tutor)

Participated in

- BLS & ACLS training
- Attended various TOT program on COVID 19.
- Suicide Prevention- Gatekeeper Training for the Students of College of Nursing, IOP-COE
- Annual National Conference on Nursing Research Society of India.
- TNAI conference
- Conference of SOMI.

Attended

I. In 2025, attend as a participant for the 2-days workshop on "Nutrition and Mental health- The Gut-Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May and 7th May 2025.

II. In 2025, attend as a participant for the 1-day Staff Development Programme on "Creating a safe and respectful workplace- Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" arranged by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.

III. In 2025, Attend as a delegate for the 2-days IVth International Virtual nursing Conference on "Age Relater Trends in Management of Addictive Behavioral Disorders and Substance Use Disorder" organised by Institute of Psychiatry-COE, Kolkata in collaboration with National association of Indian Nurses of America (NAINA) USA and ABD and SUD-CARE Group, India on 23rd November and 24rd November,2025

Certification:

- Certified as BLS (Basic Life Support) and ACLS (Advanced Life Support) training from Peerless Hospital & B.K. Roy Research Centre organized by American Heart Association
- Certified as COVID warrior by TNAI

Areas of research work/ Publication-

Research work on: "Identification of the contributing factors related to micro-vascular complications among patients with diabetes mellitus in selected hospitals, West Bengal."

Publication: **Galore International Journal of Applied Sciences and Humanities (GIJASH), Volume 8: Issue: 4; October-December 2024**

Professional affiliation: The Trained Nurses' Association of India (**TNAI**)

PUBLICATION BY FACULTY, STUDENTS AND RESEARCH SCHOLARS

Faculty

Mrs. Banhi Singha Roy (Tutor)

"Identification of the contributing factors related to micro-vascular complications among patients with diabetes mellitus in selected hospitals, West Bengal." Publication: Galore International Journal of Applied Sciences and Humanities (GIJASH), Volume 8: Issue: 4; October-December 2024

MSc Nursing Students

Indrani Mandal

"A Comparative Study to Assess the Psychosocial Health of the Blind and General Students in the Selected Blind and General Schools, Kolkata." Publication: International Journal of Nursing & Midwifery Research Volume 11, Issue 1 - 2024, Pg. No. 12-20

Rinki Panda:
"Assessment of knowledge and attitude regarding prevention of child abuse among the mothers residing at the selected rural community, West Bengal" Publication: International Journal of Advanced Psychiatric Nursing Vol. 6; Issue: 2; 2024

Sonali sarkar
"Effectiveness of training on assertive behaviour and self-esteem among adolescent girls of the selected secondary school, West Bengal". Publication: International Journal of Psychiatry Research, Volume 7: Issue: 1; October-March 25, Page Number-115-121

OTHER ACTIVITY

This year we have celebrated-

- Republic Day on 26th January,2025
- Saraswati Puja on 3rd February, 2025
- TNAI Sports Day on 8th February, 2025
- 3rd Annual sports Day on 13th February, 2025
- 3rd Annual Picnic on 25th February, 2025 at "Pujali-Netaji Park"
- Urban community Survey Report Presentation on "Old Age Care" 7th March, 2025 at Durga Mandir, Turf Road, Kolkata
- Rural Community report presentation on 24th March, 2025 at Domjur, Howrah
- CIP Report Presentation by M.Sc. Nursing 1st year on 7th February, 2025
- Paripurnata Half Way Home visit 7th February, 2025 for M.Sc. Nursing 2nd year and DPN student
- Antaragram visit 10th February, 2025 for M.Sc. Nursing 2nd year and DPN student
- Julian Day school visit 19th February, 2025 for M.Sc. Nursing 1st year and DPN student
- Indian Institute of Cerebral Palsy 20th February, 2025 for M.Sc. Nursing 2nd year
- The Little Sisters of Poor 21st March, 2025 for M.Sc. Nursing 1st year and DPN student
- Convocation and Prize distribute on 23rd April,2025
- CIP report Presentation by DPN on 25th April, 2025
- 2-days Workshop on "Nutrition and Mental Health: The Gut Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May, 2025 and 7thMay, 2025
- International Nurse's Day, Nazrul Jayanti and Rabindra Jayanti celebration 12th June, 2025
- Blood donation Camp on 20th June, 2025 at Annex -6, SSKM
- Yoga Day Celebration on 21st June 2025
- 1day Staff Development Programme on "Creating A Safe and Respectful Workplace Empowering Employees with POSH Awareness and Compliance (Get To Know, Act To Stop, Think To Prevent)" organized by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 10th August and 25thJune, 2025
- Exhibition programme "Perona" on 1st August, 2025
- Farewell program on 13th August, 2025 for 5th batch of M.Sc. Nursing 2nd year and 12th batch of DPN student
- Independence Day celebration on 15th August,2025
- Teachers' day celebration on 13th September, 2025
- Suicide Prevention Day celebration on 10th September,2025
- Mental Health day celebration 10th October, 2025
- Fresher's welcome DPN And M.Sc. Nursing 1st year 10th December 2025

STATISTICAL REPORT OF
MSc Nursing of Both Batches and DPN
Clinical Specialty- Psychiatric (Mental Health) Nursing

Assignments	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Case works up		15	26	25				25	24		10		125
Child clinic				37			10						47
Deaddiction clinic				29	9			10	10				58
Inpatient case study			23	4				5					27
Inpatient case presentation				8	4			4	5				21
Home visit Urban			170	150									320
Home visit Rural						80							80

Health education		4	13	19	4	14		10					64
Community outreach program							1					1	2
ICDS Mental Health Program										1			1

Done by M.Sc. Nursing 2nd year Batch (2023-2025) in 2025	**Done by M.Sc. Nursing 1st year Batch (2024-2026) in 2025**
Observed (8 of each)	Observed (10 of each)
• Psychometric Assessment • Personality Assessment • Family Therapy • Psychotherapy • Counselling • Milieu Therapy • Occupational Therapy • Recreational Therapy • Music Therapy	• Psychometric Assessment • Personality Assessment • Family Therapy • Psychotherapy • Counselling • Milieu Therapy • Occupational Therapy • Recreational Therapy • Music Therapy
Assisted (8 of each)	Assisted (10 of each)
• Play Therapy • ECT Therapy • EEG Therapy	• Play Therapy • ECT Therapy • EEG Therapy

STATISTICAL REPORT | COLLEGE OF NURSING, IOP-COE

ASSIGNMENTS	**JAN**	**FEB**	**MAR**	**APRIL**	**MAY**	**JUN**	**JUL**	**AUG**	**SEP**	**OCT**	**NOV**	**DEC**	**TOTAL**
Community Mental Health Survey at Ward No. 71, Turf Road	On February-March (10.02.25-09.03.25) 2025 on 320 Families by M.Sc. Nursing 2nd year,1st Year Students and D.P.N Students.												1
Awareness Program at Ward No. 71, Turf Road	On "Happy Aging…Way to Mental Well Being" on 07.03.25 by M. Sc. Nursing 2nd Year, 1st Year Students and D.P.N Students.												1
Health Talk at Urban Community		18	13										31
Health Talk at IOP-COE				4	4	14		9					31
Done a Two Days Workshop	"Nutrition and Mental health- The Gut-Brain Connection; Nursing Science and Missed Nursing" arranged by M.Sc. Nursing 1st year students of College of Nursing, IOP-COE, Kolkata on 6th May, 2025 and 7thMay, 2025												1
Nursing Research Study	Pilot Study on December (02.12.2024-07.12.2024 and Presentation 24.12.24) and final study on December-January (30.12.24 to 26/01/25 and Presentation 28.02.25) and prepared for Final Study under WBUHS by M.Sc. Nursing 2nd Year Students												8
Panel Discussion	M.Sc. Nursing 1st year on "In depth analysis of Nursing Education Programme" on 11th March 2025												1
Done a One-day Staff evelopment Programme	"Creating a safe and respectful workplace- Empowering employees with POSH awareness and compliance (Get to Know, Act to Stop, Think to prevent)" organized by M.Sc. Nursing 2nd year students of College of Nursing, IOP-COE, Kolkata on 25th June 2025.												1

NURSING MANAGEMENT M. SC. STUDENTS OF 2ND YEAR
ASSIGNMENT ON THE FOLLOWING ADMINISTRATION RELATED ACTIVITIES

1.	Prepare Prototype personal files for staff nurses, faculty & cumulative records.
2.	Preparation of Budget estimate & Performance Budget.
3.	Plan & conduct staff development Program.
4.	Preparation of Organization Chart.
5.	Developing Nursing standards/protocols for various units.
6.	Design a layout plan for speciality units.
7.	Prepare a list of equipment's & Supplies for speciality units, & emergency units.
8.	Preparation of job description of various categories of nursing personnel such as Nursing super, Staff Nurse & Sister In-charge.
9.	Assess & prepare staffing requirement for hospitals & educational institutions.
10.	Plan of action for recruitment process.
11.	Prepare a vision & mission for hospital, community &educational Institution.
12.	Prepare a plan of action for performance appraisal.
13.	Identify the problems of the speciality units & develop plan of action by using solving approach.
14.	Plan a duty roster for speciality units.
15.	Prepare anecdotes, incident reports, day & night reports, handing & taking over reports, enquiry reports & official letters.
16.	Prepare a plan for Disaster management.
17.	Group work.
18.	Field appraisal report.

LIST OF ASSIGNMENTS FOR DIPLOMA IN PSYCHIATRIC NURSING-2025
SUPERVISION AND MANAGEMENT

1.	Report on Bed side round	1
2.	Prepare Clinical Teaching plan for students	1
3.	Master rotation plan	1
4.	Clinical Evaluation of Students/staff	1
5.	Unit Management Plan-Designing (lay out plan of Psychiatric unit)	1
6.	Report of supervision technique- I. Report on staff Rotation Plan for one unit for 2 weeks II. Report on Inventory/Material Management.	1
7.	Maintenance of Records and Reports	1

Other one day visits done

- Paripurnata, Half-way Home, Panchosayar Road Kolkata700094
- Julian Day School, 35E, Elgin Rd, Sreepally, Bhowanipore, Kolkata, 700020
- Antara gram Mental Hospital, Dakshin Gobindopur, Kolkata, West Bengal 700145
- The Little Sisters of the Poor is 2 Acharya Jagadish Bose Road, Kolkata 700020.
- Indian institute of Cerebral Palsy is Taratala Rd, CPT Colony, Garden Reach, Kolkata, West Bengal 700088
- Outreach activity to Nirmala Hriday & Nabadiganta Old Age Home every month for 1-day DPN, M.Sc. Nursing students along with Psychiatry, PSW.

CLINICAL POSTING AREAS OF M.SC NURSING STUDENTS-

1. Central Institute of Psychiatry (C.I.P.) *Kanke, Ranchi, Pin-834006*
2. LGB Regional Institute of Mental Hospital, JRH6+J77, Ex Police Line Rd, Mahabhairab, Tezpur, Assam 784001
3. Institute of Psychiatry-Center of Excellence,7, D.L khan Road, Kolkata-25
4. Bangur Institute of Neurosciences,52/1a, Sambhunath Pandit Street, Gokhale Road, Bhowanipore, Kolkata -700020
5. Trauma care Centre and ITU, SSKM Hospital
6. For Community Mental Health Visit-Ward No.71, Kolkata- Municipal Corporation,558 Turf Road, Kolkata-25
7. Domjur Rural Hospital and attached sub centers J6MF+5R8, Amta Rd, Baruipara, Domjur, Howrah, West Bengal 711405

CLINICAL POSTING AREAS OF POST BASIC DIPLOMA NURSING STUDENTS

1. For Community Mental Health Visit-Ward No.71, Kolkata- Municipal Corporation,558 Turf Road, Kolkata-25
2. Central Institute of Psychiatry (C.I.P.) *Kanke, Ranchi, Pin-834006*

Department of Psychiatry
Biochemistry & Pathology

CONSULTANT

Name & Qualifications	Designation
Dr. Suprio Ray Chaudhury, MBBS, MD Assistant Professor (Pathology)	Consultant Pathologist
Dr. Maitrayee Banerjee, PhD	Consultant Biochemist

NON-TEACHINGSTAFF

Name & Qualifications	Designation
Rita Guha, BSc, MLT	Lab Technician
Kanad Banerjee, BSc, DMLT	Lab Technician
Rahul Adhikary	MT lab
Anamitra Bose	MT Lab

ACDEMICACTIVITY

- Support thesis work of Students both in IOP-COE and different Department of SSKM.

RESEARCH PROJECTS AND ACTIVITY

- Suggestions for thesis work, where Lab services may be used.

SERVICE INFORMATION

Laboratory support service provided extensively to all Departments of SSKM, It's annexed hospitals Like, SNPH, B.C. Roy, Chittaranjan Seva Sadan, Kolkata Police Hospital, Khidderpore Maternity Home and Special requests from other Medical Colleges, RNTCP and Institute of Child Health.

Tests done at the Department of Psychiatry Biochemistry & Pathology, IOP-COE From 01st January, 2025 to 13th December, 2025

Total Biochemistry	**2,17,514**
Total Pathology	2,34,820
• Pathology, Hematology	8,772
• Pathology, Coagulation	788
• Pathology, Clinical	1,076
• Pathology, HPLC	5,770
• Pathology, Molecular Biology	856
• Pathology, CBNAAT	44

SPECIAL CONTRIBUTION AND OTHER SPECIAL ACHIEVEMENTS

- Inflammatory Markers, D-Dimer, CRP, Ferritin, IL-6.
- BioFire Multiplex PCR
- CBNAAT (Gene Expert)
- HPLC

Radiodiagnosis

FACULTY

Name	Qualifications	Designation
Dr. Sukha Ranjan Howlader	MBBS, MD	Professor and HOD
Dr. Archana Singh	MBBS, MD	Professor
Dr. Asish Mandal	MBBS, MD	Professor
Dr. Sumit Chakraborty	MBBS, MD	Professor
Dr. Nihar Ranjan Sarkar	MBBS, MD	Associate Professor
Dr. Debashish Dey	MBBS, MD	Associate Professor
Dr. Soumik Das	MBBS, MD, DM	Assistant Professor
Dr. Bijaya Lakshmi Gayari	MBBS, MD	Assistant Professor
Dr Namrata Pal	MBBS, DNB	Assistant Professor
Dr. Samiran Samanta	MBBS, DMRD	RMO cum Clinical Tutor
Dr. Dinendra Kumar Saha	MBBS, MS	Medical Officer
Dr. A. K. M. Wasim Rahman	MBBS	Tutor

Senior Residents

NAME OF SR	DEGREE	DESIGNATION
Dr. Souvik Ghosh	MBBS, MD	SR
Dr. Sumedha Ghosal	MBBS, MD	SR
Dr. Manisha Dhua	MBBS, MD	SR
Dr. Adeep V	MBBS, MD	SR
Dr. Ashutosh Anand	MBBS, MD	SR
Dr. Chandrima Mondal	MBBS, MD	SR
Dr. Arnab Bose	MBBS, MD	SR
Dr. Arup Pramanik	MBBS, MD	SR

Postgraduate (MD) trainees

Session 2024-2027	Session 2023-2026	Session 2022-2025
Dr. Debayan Kar Dr. Animikh Chakraborty Dr. Sakshee Kumari Dr. Soumyadeep Naskar Dr. Suvasish Mula Dr. Sinthiya Ekka Dr. Ashim Mondal Dr. Ankita Shit Dr. Joydeep Ghosh Dr. Amitava Pramanik Dr. Koushik Chalki Dr. Biswamay Sikdar	Dr. Shubham Prasad Dr. Debraj Saha Dr. Prasanna Bakshi Dr. Saif Rahaman Khan Dr. Sk. Ikbal Hossain Dr. Nilesh Kumar Singh Dr. Safina Khatun Dr. Asif Aktar Dr. Puspendu Naskar Dr. Keya Chowdhury Dr. Md Safikul Mistry	Dr. Saikat Sen Dr. Rohan De Dr. Mehtaab Alam Dr. Manideepa Maiti Dr. Anisha Sharma Dr. Himadri Shee Dr. Omkar Oraon Dr. Sayanwita Majumder Dr. Arghya Chattopadhyay Dr. Lipika Afroz Dr. Hasibur Rahaman Dr. Azhar Molla

FACULTY NEWS

Dr. Sukharanjan Howlader

- Professor & Head of the Department of Radiodiagnosis, IPGME&R and SSKM Hospital.
- External Examiner of MD Radiology of different states.
- Internal Examiner and Chairperson of MD Radiology WBUHS.
- Teaching of PDCC, MD and DRD students.

- Thesis guide of M.D. students.
- Imaging & related patient care services
- Expert member of Clinical Establishment Board.
- Member of PC-PNDT Cell Swasthya Bhawan.
- Member of AERB in State Level.
- Member of MTP Board.
- Secretary of Board of Studies for MD Examination.

Dr. Archana Singh

- Professor, Department of Radiodiagnosis, IPGME & R and SSKM Hospital
- Guide / Co-guide of thesis and various research projects of PG students of Radiodiagnosis and other departments.
- Thesis adjudicator for post graduate dissertations under WBUHS and other states.
- Executive committee member for the WB IRIA
- Life member of the All India IRIA and Governing Council member of Breast Imaging Society of India (BISI)
- Teaching of PDCC, M.D. and D.R.D. (Tech) students.
- Imaging & related patient care services
- Moderator for entrance Examination of PDCC & Internal examiner of PDCC annual examination.
- Expert in various Medical Boards.
- Secretary of Board of studies at WBUHS.
- Member of Local Institutional PPP Monitoring Committee at IPGME&R
- Radiology Expert of SPSRC, Swasthya Bhawan
- Examiner of PDCC, MD, DRD, DNB Examinations.

Dr. Asish Mondal

- Professor, Department of Radiodiagnosis, IPGME & R and SSKM Hospital
- External Examiner of MD Radiology.
- Internal Examiner and Chairperson of MD Radiology WBUHS.
- Teaching of PDCC, MD and DRD students.
- Thesis guide of M.D. students.
- Imaging & related patient care services

Dr. Nihar Ranjan Sarkar

- Guide / Co-guide of thesis papers of PG students of various departments.
- Teaching of M.D. and D.R.D. (Tech) students.
- Imaging & related patient care services
- Examiner of MD, PDCC, CBET and DRD EXAMINATION
- Various administrative duties of Department and WBHRB
- Expert in various Medical Board.
- Attended Bengal Ultrasound Conference 2024
- Attended State 79th IRIA Conference.

Dr. Sumit Chakraborty

- Guide / Co-guide of thesis papers of PG students of radiology.
- Teaching of MD and DRD (Tech) students.
- Imaging & related patient care services
- Various administrative duties of Department and Technical Expert of Radiology, Dept. of Health and Family welfare, Govt. of West Bengal
- Member of the Institutional PPP Monitoring Committee and Institutional Tender committee for procurement of Radiological equipment.
- Expert in various Medical Boards.

Dr. Debashish Dey

- Guide / Co-guide of thesis papers of PG students of various departments.
- Teaching of M.D. and D.R.D. (Tech) students.
- Imaging & related patient care services
- Examiner of MD and DRD EXAMINATION
- Various administrative duties of Department and WBHRB
- Expert in various Medical Board.

Dr. Soumik Das

- Co-guide of thesis papers of PG students of various departments.
- Member of Board of studies for PDCC Courses, WBUHS.
- Teaching of PDCC, MD and DRD (Tech) students.
- Imaging & related patient care services.
- Examiner of DRD Examination.
- Various administrative duties of Department.
- Vascular & non-vascular intervention procedures.
- Expert in various Medical Boards.
- Attended Bengal Ultrasound Conference 2025.
- Attended 80th WB-IRIA Conference.

Dr. Bijaya Lakshmi Gayari

- Teaching of M.D. and D.R.D. (Tech) students.
- Imaging & related patient care services
- Examiner of DRD EXAMINATION

Dr Namrata Pal

- Teaching DRD & MD students of IPGME & R.
- Imaging & related patient care services

Dr. Samiran Samanta

- Teaching of MD and DRD (Tech) students.
- Imaging & related patient care services
- Non-vascular intervention procedures.
- Attended the WB IRIA workshop & state conference.
- Elected president in State IRIA Committee.

Dr. Dinendra Kumar Saha

- DRD Examiner of State Medical Faculty, West Bengal
- Teaching DRD students of IPGME&R
- Imaging & related patient care services

All SRs as mentioned earlier

- Teaching DRD & MD students of IPGME & R.
- Imaging & related patient care services
- Attended Fetal Echocardiography Workshop in association with IRIA in 2021.

Courses in the department of Radiodiagnosis

1) Post Doctoral Certificate Course Neuroradiology and Interventional Radiology
2) MD, Radiodiagnosis
3) DRD, Radiography
4) The Fundamentals of Abdomino-Pelvic Ultrasonography: Level one for MBBS Doctors under PC & PNDT (Six months training) Rules, 2014

Regular academic activity

a) Clinical Meetings, seminars and journal clubs held at regular intervals.
b) Teaching and training of PDCC neuroradiology and interventional radiology residents, MD degree residents, DRD Students, CBET trainees, MBBS Student
c) Students of this Department get regular exposures on basic X rays, special X Ray procedures, Ultrasound, CT scan, MRI and Digital Subtraction Angiography(DSA) and CT / USG Guided interventional procedures at Department of Radiodiagnosis, BIN
Radiology, Gastroradiology, SDLD, and other Departments of this Institution.
d) CT AND MRI Training to DNB and DRD Students of other govt institutes and DSA Training to MD students of other govt medical colleges**.**

Thesis/dissertation submitted Session 2022-2025

Dr. Saikat Sen	Role of MRI in evaluation of substantia nigra in idiopathic Parkinson's disease.
Dr. Rohan De	Comparative study of Quadriceps and Rectus femoris muscle vs Diaphragm in cases of COPD patients by Ultrasound assessment and its relationship with the clinical severity in a tertiary medical college of eastern India.
Dr. Mehtaab Alam	Comparative evaluation of sacroiliac joint change in post-partum female and patient of axial spondyloarthritis.
Dr. Manideepa Maiti	Effectiveness of Ultrafast dynamic contrast HRI in characterizing breast lesions in patients attending a tertiary care hospital in Eastern India.
Dr. Anisha Sharma	Diagnostic accuracy of spinal ultrasonography in comparison with MRI for the evaluation of spinal dysgraphisms in infants.
Dr. Himadri Shee	Radiological effects of autologous platelet rich plasma on partial thickness supraspinatus tears in MRI and its correlation with clinical improvement.
Dr. Omkar Oraon	Role of MR Elastography in estimating Hepatic fibrosis staging in case of Type II Diabetes Mellitus with probable non-alcoholic steatohepatitis.
Dr. Sayanwita Majumder	Diagnostic value of MRI and PD-USG in detecting hand joint subclinical inflammation in patients with Systemic Sclerosis.
Dr. Arghya Chattopadhyay	Role of HRCT thorax for evaluation of hypersensitivity pneumonitis.
Dr. Lipika Afroz	Ultrasonographic evaluation of atherosclerotic changes in carotid artery in well controlled and poorly controlled type II diabetes mellitus
Dr. Hasibur Rahaman	Role of placental thickness measured on ultrasound in second and third trimester of pregnancy in prediction of fetal outcome.
Dr. Azhar Molla	Radiological outcome of venous thrombo-embolic manifestations in patient of inflammatory bowel disease.

Thesis work ongoing (as a part of MD Radiodiagnosis course) Session 2023-2026

Dr. Shubham Prasad	Ultrasound assessment of the common carotid artery changes in patient of Takayasu arteritis receiving immunosuppressant—a six month follow up study"
Dr. Debraj Saha	The role of color doppler ultrasound and microvascular flow imaging in characterization of parotid and submandibular salivary gland masses.
Dr. Prasanna Bakshi	MRI as diagnostic tool to detect sacroiliitis in early psoriatic arthritis.
Dr. Saif Rahaman Khan	Diffuse systemic sclerosis: evaluating the changes in HRCT thorax and studying the relationship with performance in lung function tests.
Dr. Sk Ikbal Hossain	Role of magnetic resonance imaging in evaluation of anterior knee pain.
Dr. Nilesh Kumar Singh	Role of shear wave elastography in evaluation of cervical lymph nodes and its correlation with FNAC.
Dr. Safina khatun	Musculoskeletal ultrasound in patients with clinically suspected arthralgia and it's correlation with inflammatory and serological markers.
Dr. Asif Aktar	Ultrasonographic evaluation of median and tibial nerve changes in diabetic patients with peripheral neuropathy and healthy volunteers a comparative cross-sectional study
Dr. Puspendu Naskar	Evaluation of lung masses by CT guided biopsy with radio-histopathological correlation.
Dr. Keya Chowdhury	Role of contrast enhanced spectral mammography in characterization of breast lesions.
Dr. Md Safikul Mistry	Diagnostic accuracy of ankle brachial index over lower limbs arterial doppler sonography to evaluate peripheral arterial disease in diabetic patients.

Thesis work ongoing (as a part of MD Radiodiagnosis course) Session 2024-2027

Dr. Debayan Kar	Comparative study of MRI and USG power doppler in detecting early rheumatoid arthritis changes in hand joints
Dr. Animikh Chakraborty	Demography of Budd-Chiari syndrome and technical success of intervention and follow up over six months'
Dr. Sakshee Kumari	Association between ultrasound shear wave elastography and doppler study parameters in graft kidney.
Dr. Soumyadeep Naskar	Correlation between transthoracic lung ultrasound b line score and HRCT thorax features in connective tissue disease associated interstitial lung disease

Dr. Suvasish Mula	"Role of cardiac MRI in the evaluation of iron overload cardiomyopathy in pediatric transfusion-dependent thalassemia patients: an observational study"
Dr. Sinthiya Ekka	"Assessing the correlation between ultrasound measured upper airway Parameters and OSA severity on polysomnography."
Dr. Ashim Mondal	"Evaluation of CT and MRI parameters to correlate Between modic changes, facet joint degeneration and disc degeneration of lower lumbar spine in patients with chronic low back pain aged 45-65 years."
Dr. Ankita Shit	"Correlation between the contrast enhanced mammography imaging characteristics and different molecular subtypes of invasive breast cancer"
Dr. Joydeep Ghosh	Role of t2 mapping and DWI in the diagnosis of osteoarthritic changes of the articular cartilage of knee using 3-tesla MRI
Dr. Amitava Pramanik	Role of high-resolution vessel wall MRI (HRVWMRI) in characterization of atherosclerotic plaques in intracranial atherosclerotic disease and its association with ischemic stroke severity.
Dr. Koushik Chalki	Assessment of the diameter of lumbar canal and thickness of ligamentum flavum by MRI in adult patients suffering from chronic low back pain.
Dr. Biswamay Sikdar	HRCT evaluation of hemoptysis patients with normal chest radiograph.

Departmental Publications from December 2024 to November 2025

SN	Title	Author	Publication
1	High resolution computed tomography thorax findings in rheumatoid arthritis and its correlation with spirometry indices - a cross-sectional study.	Dhali A, Biswas DN, Maity R, Biswas J, Bharadwaj HR, Kumar B, Singh A, Mitra R, Ghosh P	Annals of medicine and surgery 2025-04-15
2	Automated classification of profusion in chest radiographs of pneumoconiosis through deep learning and transfer learning.	Arkaprabha Sau, Santanu Phadikar, Sumit Chakraborty, Ishita Bhakta, Arnab Karmakar, Sourav Kundu, Subhajit Sarkar	Medical Data Mining 2025;8(4):26. https://doi.org/10.53388/MDM202508026
3	Navigating intracranial wide-neck aneurysms: Our endovascular experience at a tertiary care centre in eastern India.	Prithvijit Chakraborty1, Soumik Das2, and Sukharanjan Howlader2	J Med Sci Res. 2025; 13(2):136-144
4	Solved papers radiodiagnosis for PG students.	Dr. Soumik Das	ISBN: 978936616431120251/e , Jaypee Brothers Medical Publishers Pvt. Ltd.; First Edition (20 January 2025, ISBN-13 : 978-9366164311

Poster/Paper presentation

Resident	Event/ Journal	Topic
Dr. Arghya Chattopadhyay	AOCR 2025	Estimation of the prevalence of different patterns of lung parenchyma involvement on HRCT thorax scan in patients diagnosed with hypersensitivity pneumonitis.
Dr. Sayanwita Majumder	AOCR 2025	1)prospective study to evaluate the role of timed barium swallow in follow up cases of achalasia cardia patients undergoing balloon cardiomyotomy. 2) the role of ultrasound in conjunction with elastography in differentiating breast masses with HPE correlation.
Dr. Saikat Sen	AOCR 2025	A cross-sectional study on correlation of ultrasound and magnetic resonance imaging evaluation of tendo Achilles rupture" and "evaluation of various causes of ankle and hindfoot pain by magnetic resonance imaging"
Dr. Anisha Sharma	AOCR 2025	A rare case of spinal hydatid
Dr. Manideepa Maiti	AOCR 2025	Poster: Wire guided localization in breast SOL.

		Oral paper: 1) Shear wave elastography in thyroid SOL. 2) ultrafast MRI in breast lesions.
Dr. Debraj Saha	Bengal Ultrasound Conference (BUCON) 2025	The role of ultrasound measured in 2nd and 3rd trimester of pregnancy in prediction of fetal outcome in a tertiary care center.
	AOCR 2025	Ruptured rudimentary horn pregnancy: what not to miss on an ultrasound.
Dr. Safina Khatun	IRIA 80th Annual State Conference	Diagnostic accuracy of spinal ultrasonography in comparison with MRI for evaluation of spinal dysraphisms in infants.
Dr. Sk. Ikbal Hossain	BUCON 2025	Prenatally diagnosed Chiari ii malformation with few uncommon features – a case report.
	IRIA 80th Annual State Conference	"Evaluation of ligament injuries in patients with ankle and hindfoot pain using magnetic resonance imaging"
Dr. Saif Rahaman Khan	BUCON 2025	Submitted poster on a case of vein of Galen malformation.
Dr. Prasanna Bakshi	IRIA 80th Annual State Conference	Role of magnetic resonance elastography in estimating hepatic fibrosis staging in cases of type 2 diabetes mellitus with probable non-alcoholic steatohepatitis.
Dr. Nilesh Kr Singh	BUCON 2025	'An unusual case of Wunderlich syndrome.
Dr. Subham Prasad	80th IRIA Annual state Conference, WB,2025.	Comparative MRI evaluation of sacroiliac joint changes in post-partum females and patients of axial spondyloarthritis
	BUCON 2025	A case of biliary cast syndrome in a post liver transplant patient presenting as biliary mass.
Dr. Safikul Mistry	BUCON 2025	Rare case of hydatid cyst in urinary bladder
	80th IRIA Annual state Conference, WB,2025.	Utility of MRI and USG in assessment of adnexal mass.
Dr. Keya Chowdhury	80th IRIA Annual state Conference, WB,2025.	' Role of contrast enhanced mammography in characterization of breast lesions.
	BUCON 2025	Prenatal diagnosis of cephalopagus janiceps monosymmetros - a rare congenital twin case report
Dr. Asif Aktar	DR RML IMS LUCKNOW MRI teaching course (April 2025)	Study of multi parametric MRI morphology and enhancement pattern in breast carcinoma and its correlation with TNBC (triple negative breast cancer) and non-TNBC molecular subtypes.
		An unusual case of diastematomyelia with Chiari 2 malformation and vertebral abnormalities in a syndromic female child.
	80th IRIA Annual state Conference, WB,2025.	A rare case of spontaneous regression of hepatocellular carcinoma: case report.
Dr. Joydeep Ghosh	80th IRIA Annual state Conference, WB,2025.	Ohvira syndrome (Herlyn-Werner-Wunderlich syndrome)- a rare mullerian duct anomaly: a case report
Dr. Soumyadip Naskar	80th IRIA Annual state Conference, WB,2025.	Von Hippel Lindau syndrome- a rare case with multisystem involvement.
Dr. Suvasish Mula	BUCON 2025	A case of primary spinal hydatid disease.
Dr. Animikh Chakraborty	BUCON 2025	A case of saccular portal vein aneurism.
Dr. Ankita Shit	80th IRIA Annual state Conference, WB,2025.	A rare presentation of dermatofibrosarcoma protuberans of left upper arm.
Dr. Amitava Pramanik	80th IRIA Annual state Conference, WB,2025.	A rare case adult colocolic intussusception with lipoma as a lead point.

Other Academic Works

Resident	Category	Event
Dr. Sayanwita Majumder	Conference	• AOCR 2025 • FOETAL ECHOCARDIOGRAPHY CONFERENCE IN SSKM
Dr. Saikat Sen	Conference	• AOCR 2025 • FOETAL ECHOCARDIOGRAPHY CONFERENCE IN SSKM

Dr. Anisha Sharma	Conference	• AOCR 2025
Dr. Manideepa Maiti	Conference	• AOCR 2025
Dr. Arghya Chattopadhyay	Conference	• BUCON 2025 • IRIA 80th Annual State Conference
Dr. Azhar Molla	Conference	• AOCR 2025
Dr. Omkar Oraon	Conference	• BUCON 2025 • IRIA 80th Annual State Conference
Dr. Shubham Prasad	Conference	• BUCON 2025 • IRIA 80th Annual State Conference
	Workshop	• Shoulder and Knee Joint – MRI, Breast Imaging and ILD Workshop • Hands-on workshop preceding 80th Annual State Conference 2025, IRIA West Bengal Branch; participated as Delegate. • Neurointervention with focus on Acute Ischemic Stroke • Workshop conducted by Stroke and Neurovascular Unit, Department of Neuromedicine, IPGMER & SSKM Hospital, Kolkata (18–19 April 2025); Certificate of Participation.
Dr. Debraj Saha	Conference	• AOCR 2025, Chennai, India • Bengal Ultrasound Conference BUCON - 2025 • Annual Conference of Musculoskeletal Society - Ganga Hospital, Coimbatore • 24th MRI teaching Course 2025, organized by Nanavati Hospital, Mumbai • CT Buzz 2025 • Shoulder and Knee Fundamentals- Manipal Hospitals, Kolkata (September 2025) • IRIA Annual State Conference 2025 • CME on Abdominal Imaging, a Primer at AIIMS Kalyani
	Workshop	• Workshop MSK HandsOn USG - AOCR 2025 • Small Parts USG(Head Neck and Others) - AOCR 2025 • HRCT Lung- ILD Course - AOCR 2025 • Pediatric White Matter Disease - 24th MRI teaching course, 2025 • Fetal Interventions - BUCON 2025 • Chest ILD, Breast imaging and Shoulder imaging workshop- IRIA 2025 • Workshop on Anomaly scan and Fetal ECHO - SSKM Hospital, March 2025
Dr. Prasanna Bakshi	Conference	• IRIA 80th Annual State Conference
Dr. Saif Rahaman Khan	Conference	• 0BUCON 2025
Dr. Sk. Ikbal Hossain	Conference	• Bengal Ultrasound Conference BUCON - 2025 • 80th Annual State Conference organized by IRIA • National IRIA Preventive Radiology CME 2025, Apollo Multi-Speciality Hospital Auditorium, Kolkata
	Workshop	• Workshop On Neurointervention with Focus on Acute Ischemic Stroke organized by: Stroke and Neuro Vascular Unit, IPGME & R, Kolkata. • Liver Elastography Training at National IRIA Preventive Radiology CME 2025, Apollo Multi-Speciality Hospital Auditorium, Kolkata
Dr. Safina Khatun	Conference	• IRIA 80th Annual State Conference
Dr. Safikul Mistry	Conference	• Bengal Ultrasound Conference 2025 • IRIA Annual State Conference 2025 • Attended Radiology Academic Meet Kolkata: Application of USG in MSK imaging • 4. Attended CME on Shoulder and Knee Fundamentals Manipal Hospitals, Dhakuria Kolkata
Dr. Asif Aktar	Conference	• Attended CME on Abdominal Imaging • DR RML IMS LUCKNOW MRI teaching course • Attended Radiology Academic Meet Kolkata: Application of USG in MSK imaging • Attended CME on Shoulder and Knee Fundamentals Manipal Hospitals, Dhakuria Kolkata • IRIA 80th Annual State Conference
	Quiz	• Participation in RadAspire Radiology North & East Regional Quiz
Dr. Keya Chowdhury	Conference	• Bengal Ultrasound Conference 2025 • IRIA Annual State Conference 2025

Dr. Debayan Kar	Conference	• BUCON 2025 • CT BUZZ 2025 • NATIONAL IRIA PREVENTIVE RADIOLOGY CME 2025
	Workshop	• Liver Elastography Under Iria Preventive Radiology 2025 • Shoulder And Knee Fundamentals: A Primer for Residents By KBC 2025 • Breast Imaging Masterclass 2025
Dr. Animikh Chakraborty	Conference	• BUCON 2025 • CTBUZZ 2025
Dr. Sakshee Kumari	Conference	• Bengal Ultrasound Conference 2025 • IRIA Annual State Conference 2025 • 3. Annual preventive Radiology Conference 2025
Dr. Soumyadeep Naskar	Conference	• Bengal Ultrasound Conference 2025 • IRIA Annual State Conference 2025
Dr. Suvasish Mula	Conference	• BUCON 2025 • CTBUZZ 2025
Dr. Sinthiya Ekka	Conference	• BUCON 2025
Dr. Ashim Mondal	Conference	• BUCON 2025
Dr. Ankita Shit	Conference	• BUCON 2025 • CTBUZZ 2025 • IRIA STATE CONFERENCE 2025
	Workshop	• Shoulder And Knee Fundamentals: A Primer For Residents By KBC 2025 • Breast Imaging Masterclass 2025
Dr. Joydeep Ghosh	Conference	• Bengal Ultrasound Conference 2025 • IRIA Annual State Conference 2025 • Annual preventive Radiology Conference 2025
Dr. Amitava Pramanik	Conference	• BENGAL ULTRASOUND CONFERENCE(BUCON 2025) • IRIA STATE ANNUAL CONFERENCE 2025
Dr. Koushik Chalki	Conference	• BUCON 2025

SERVICE INFORMATION AT THE DEPARTMENT OF RADIO-DIAGNOSIS
(From Dec, 2024 to Nov, 2025)

- X RAY- 3,38,922
- ULTRASOUND – 1,06,420
- CT – 77,078
- MRI - 76,010
- DSA-551
- Image guided procedure: 2082

Radiotherapy (Radiation Oncology)

Teaching Faculty

Name	Qualifications	Designation
Prof (Dr.) Niladri Bihari Patra	MD(RT)	Head and Professor
Prof (Dr.) Aloke Ghosh Dastidar	MD(RT)	Professor and Chairman, Cancer Hub
Dr. Amitabha Manna	MD(RT), DGO	Professor
Dr. Suparna Kanti Pal	DMRT, MD(RT), PGDMLE (NLSIU)	Associate Professor
Dr. Pabitra Das	MD(RT)	Associate Professor
Dr. Harris Mahammad Sepai	MD(RT), DNB	Assistant Professor
Dr. Chandrima Banerjee	MD(RT)	Assistant Professor
Dr. Mousumi Das	MD(RT)	Assistant Professor
Dr. Suranjan Maitra	MD(RT)	Assistant Professor
Dr. Pratyusha Mukherjee	MD(RT)	Assistant Professor
Dr. Biswadeep Chandra	MD(RT), DPH	Assistant Professor
Dr. Soumen Mukherjee	MD(RT)	Assistant Professor

Senior Residents

Name	Qualification	Designation
Dr. Rahi Das	MD(RT)	SR
Dr. Soham Gangopadhyay	MD(RT), DNB(RT)	SR
Dr. Monika Katiyar Verma	MD(RT)	SR
Dr. Sumana Samaddar	MD(RT)	SR

Physicists cum RSO

Name	Qualifications	Designation
Ms. Ipsita Sinha	MSc (Physics), Dip in Radiological Physics	Physicist-cum-RSO
Mr. Chandan Bhattacharya	MSc (Physics), Dip in Medical Physics	Physicists-cum-RSO
Mr. Asif Iqbal Sk.	MSc (Physics), Dip in medical Physics	Physicist-cum-RSO

Junior Residents

1st year	2nd year	3rd year
Dr. Sneha Adhikari Dr. Younus Mondal Dr. Sharad Sah Dr. Mudunuri Lakshmi Priyanka Dr. Avni Saini Dr. Shreshth Vinaik Dr. Saurabh Kumar Dr. Abhirup Bagchi Dr. Anupam Mandal Dr. Jagadish Sing	Dr. Priyanka Das Dr. Kazi Nazmul Huda Dr. Abhineet Dasgupta Dr. MD Nawaz Sharif Dr. Febina K Naisam Dr. Suman Saha Dr. Avishek Das Dr. Ankur Saha Dr. Arya Sen	Dr. Debjani Roy Dr. Sougata Pahari Dr. Abhijit Paul Dr. Arpita Mondal Dr. A. Siddharthani Dr. Sukanta Samaddar Dr. Miranda Thoudam Dr. Amiya Gopal Ranja

New posting

- Dr. Pabitra Das joined as Associate Professor, Department of Radiotherapy
- Dr. Soumen Mukherjee joined as Assistant Professor, Department of Radiotherapy

FACULTY NEWS

Professor (Dr) Niladri Bihari Patra

- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)
- Attended as Faculty in AROICON WB State conference (Kolkata, February 2025)
- Organised CME on LOWER GI MALIGNANCY at IPGMER in June 2025 and acted as Faculty

- Acted as University Examiner, Paper setter and Convenor of MD examinations
- Thesis guide for MD (Radiotherapy) students
- Acted as expert in the Committee for Essential Drug of the state
- Acted in the Expert committee for procurement of Equipment in different medical colleges in the state

Dr. Amitabha Manna

- Examiner DRT Tech (External – MCH, Kolkata)
- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)

Dr. Suparna Kanti Pal

- Co- investigator of ICMR sponsored 'Hospital Based Cancer Registry' Project
- Co-Investigator in academic and Regulatory Clinical Trials
- Acted as Faculty in AROICON WB state Conference (Kolkata, February 2025)
- Acted as Faculty in AROICON National Conference (Kolkata, November 2025)
- Attended SARANSH Metanalysis Workshop under ICMR Capacity building program at AIIMS Deoghar, Jharkhand held in January 2025 and September 2025
- Attended Clinical Trials Workshop under ICMR capacity building program at NRSMCH, Kolkata, in November 2025
- Conducted classes of MD(Radiotherapy) students and DRT Tech students
- Reviewer for the following Journals;
    - Journal of Cancer Therapeutics and Research
    - Journal of Contemporary Brachytherapy
    - Cureus
    - Asian Journal of Oncology

Dr. Pabitra Das

- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)

Dr. Harris Mahammad Sepai

- Co- investigator of 'Hospital Based Cancer Registry' Project
- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)
- External Examiner of DRT (Tech) preliminary and final examination held at Radiotherapy Department of BSMC, Bankura
- Participated in Clinical Trial Workshop under DHR-ICMR capacity building initiative held at NRSMC&H, Kolkata

Dr. Chandrima Banerjee

- Examiner of DRT tech exam (internal-IPGME&R, external-NRSMCH)
- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)

Dr. Mousumi Das

- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)
- Conducted classes of MD(Radiotherapy) students and DRT Tech students

Dr. Suranjan Maitra

- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)

Dr. Pratyusha Mukherjee

- Conducted classes of MD(Radiotherapy) students and DRT Tech students
- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)

Dr. Biswadeep Chandra

- Conducted classes of MD(Radiotherapy) students and DRT Tech students
- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)

Dr. Soumen Mukherjee

- Attended as Faculty in AROICON National Conference (Kolkata, November 2025)

Publications from the Department

SN	Study Title	Authors	Journal
1.	A prospective randomized study of comparison of Concomitant Boost Radiotherapy against Concurrent Chemoradiation in squamous cell cancer in Head and Neck region.	Dr. Suranjan Maitra, Dr. Shatarupa Chattopadhyay Dutta, Dr. Rahul Bhowmick	IJLBPR; Vol. 14, No. 9, September 2025; 1168-1177
2.	Pain control and improvement in quality of life with intravenous zoledronic acid versus oral ibandronate in management of painful bone metastasis receiving palliative radiotherapy: a prospective randomized study	Dr. Premnath Dutta, Dr. Krishnangshu Bhanja Choudhury, Dr. Suranjan Maitra, Dr. Sourav Sau, Dr. Rahul Bhowmick	IJLBPR; Vol. 14, No. 7, July 2025; 27-34
3.	Study of Histopathological Patterns in Breast Lesions: A 5-Year Data Analysis	Panjvani S, Negi A, Maitra S	J Contemp Clin Pract. 2025;11(7):963-968
4.	Influence of pre-treatment body mass index on head and neck cancer patients receiving chemo-radiation: a prospective, observational study	Saha G, Chattopadhyay Dutta S, Maitra S, Dasgupta P	J Contemp Clin Pract. 2025;11(10):1-6
5.	The Impact of Virtual and Augmented Reality on Experiential Learning in Higher Education	Dr Ruchi Sharma, Ramandeep Bawa, Prof. Sandhya Yeriyuru Umesh, Dr Suranjan Maitra, Amrit Podder, Dr. Ajith Antony	IJES; Vol. 11 No. 11s, 2025; 600-608
6.	Is it the time for meticulous assessment of patients with breast cancer during chemotherapy to prevent drug induced interstitial lung disease	Dr. Suranjan Maitra, Dr. Avishek Das, Dr. Pabitra Das, Dr. Prof. Amitabha Manna, Dr. Prof. Aloke Ghosh Dastidar	Journal of Contemporary Clinical Practice. 2025 Oct; 11(10):235-242.
7.	A Comparative Study to assess local control and toxicity in patients with high-risk head and neck squamous cell carcinoma treated with postoperative adjuvant concurrent chemoradiotherapy using cisplatin versus docetaxel and cetuximab.	Dr. Madhurima Mukherjee, Dr. Santu Mondal, Dr. Pabitra Das, Dr. Prof. Amitabha Manna	Asian Journal of Medical Sciences, Nov, 2025, Vol 16, Issue 11.
8.	A Prospective comparative randomized study to assess local control and toxicity in patients with intermediate risk oral cavity squamous cell carcinoma with postoperative adjuvant radiotherapy with or without cetuximab.	Dr. Tamal Chakraborty, Dr. Santu Mondal, Dr. Pabitra Das, Dr. Amitabha Manna	Asian Journal of Medical Sciences, Nov, 2025, Vol 16, Issue 11
9.	An altered ratio of CD 4+ and CD8+ T lymphocytes in cervical cancer tissue and Peripheral Blood as a predictor of prognostic outcome – A clinico-pathological study.	Dr. Harris Mahammad Sepai, Prof Diptimay Das, Dr. Suparna Kanti Pal, Dr. Bidhan Chandra Chakroborty, Dr. Arpan Adikary, Dr. Miranda Thoudam	Asian Pacific Journal of Cancer Prevention (Accepted for publication)
10.	COVID-19 clinical outcomes and N-acetylcysteine (CoViNAC study): a GRADE compliant meta-analysis of randomized controlled trials with molecular docking and dynamics simulation studies with Mpro of SARS-CoV-2: COVID-19 and NAC	Varikasuvu, S R, Manne, M, Kumar, S, Mudgal, S K, Raj, V, Varshney, S, Gupta, P, Grover, A, Goyal, C, Lal, V, Singh, H, Mona Lisa, & SARANSH Workshop Members	Cellular and Molecular Biology, 71(5), 95–102
11.	Development of a Serum Metabolome-Based Test for Early-Stage Detection of Multiple Cancers	Nagarkar, R., Gopichand, M., Pal, S.K., Gupta, A., Saquib, N.M., Ahmad, A., Sagar, G., Rao, K.V.S., Siddiqui, Z. and Longkumer, I	. Cancer Reports, 7: e70042

Conference presentations from the Department

Conference	Presentation	Speaker	Designation
AROICON 2025	Low dose radiotherapy in treatment of osteoarthritis a prospective institutional study.	Dr Suparna Kanti Pal	Associate Professor
AROICON 2025	Paraneoplastic erythema annulare centrifugum eruption in adenosquamous carcinoma of the lung	Dr. Shresth Vinaik	PGT 1st Year
AROICON 2025	RCC in an 11-year-old female: a rare anomaly or familial inheritance.	Dr. Shresth Vinaik	PGT 1st Year
AROICON 2025	Aggressive chondrosarcoma of chest wall with right atrial extension: a rare case report.	Dr. Mudunuri Lakshmi Priyanka	PGT 1st Year
AROICON 2025	A prospective study to compare two regimes of hypofractionation radiation therapy for tolerability and outcome in patients requiring post mastectomy radiation therapy for carcinoma breast	Dr. Younus Mondal	PGT 1st Year
AROICON 2025	Carcinoma stomach with yolk sac tumour component: a rare and aggressive tumour; case report.	Dr. Avni Saini	PGT 1st Year
AROICON 2025	Primitive neuroectodermal tumour (PNET) of kidney: a rare entity - case report.	Dr. Avni Saini	PGT 1st Year
AROICON 2025	Primary synovial sarcoma of the kidney- a rare case report	Dr. Anupam Mandal	PGT 1st Year
AROICON 2025	Pulmonary artery B-cell lymphoma: a very rare case report	Dr. Abhirup Bagchi	PGT 1st Year
AROICON 2025	Non-surgical management of rectal cancer: a single institutional series of 15 patients	Dr. MD Nawaz Sharif	PGT 2ND YR
AROI WB CONF 2025	Adjuvant radiotherapy for residual pigmented villonodular tenosynovitis in a young male: case report on a rare presentation	Dr. Febina K Naisam	PGT 2ND YR
AROICON 2025	Retrospective analysis of clinicopathological characteristics and survival outcome of gastrointestinal stromal tumors: real world experience of a tertiary care hospital	Dr. Febina K Naisam	PGT 2ND YR
69th Foundation Day Programme of IPGMER KOLKATA	A prospective study to compare standard and modified hypofractionated adjuvant radiotherapy in ca breast patients treated with breast conservation surgery	Dr A Siddharthani	PGT 3rd YR
AROI WB CONF 2025	A prospective study to compare standard and modified hypofractionated adjuvant radiotherapy in ca breast patients treated with breast conservation surgery	Dr A Siddharthani	PGT 3rd YR
AROICON 2025	Multidisciplinary tumour board assessment in a cancer hub in eastern India.	DR AMIYA	PGT 3rd YR

Junior Resident News

Dr. A. Siddharthani (3rd year PGT)

- Completed fellowship at Tata Memorial Hospital, Mumbai under Neuro oncology (Radiation) from 16th April 2025 to 15th May 2025
- Attended 5th Apollo Proton Practicum 2025 (virtual), Transforming Care in Thoraco-Abdominal Cancers: The Untapped Potential of Modern Proton Beam Therapy on 7th & 8th February 2025
- Attended AAZPIRE 2025 Workshop on Clinical Research Methods & Protocol Development conducted by ACTREC, Navi Mumbai on 15th – 18th May 2025
- Attended Basic research methodology and biostatistics workshop 2025 conducted by IPGME&R and SSKM Hospital on 30th and 31st May 2025

Academic Information

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
Total no. of lecture classes - 22
Total no. of seminars - 21
Total no. of panel discussions - 13
Total no. of Journal clubs - 8

Total no. of case presentation - 9
Total no. of classes for DRT Tech students - 13

Service Information
Radiotherapy OPD runs 6 days a week.
Telecobalt therapy is given from Monday to Saturday.
Day care chemotherapy is administered from Monday to Saturday at Day care unit, Kolkata Police Hospital
Systemic chemotherapy is given to indoor patients on regular basis.
The department is conducting Multi-Disciplinary Tumour board on every Tuesday

Statistics from 1st January 2025 to 30th November 2025
Total No. of New Patients in OPD – 5088
Total No. of Patients (new & old) in OPD – 36343
Total No. of beds in Radiotherapy Department - 62

- Total no. patients admitted – 4393
- Total No. of patients treated with EBRT – 1148
- Curative cases – 1027
- Palliative cases – 121

Total No. of patients received Chemotherapy at indoor ward - 874
Total No. of Chemotherapy received as day care basis – 13412
Total No. of patients undergone Tumour Board – 895

Total NEW patients breakup From Jan to Nov 2025

1. Head and neck cancers: 919	11. Osteosarcoma: 40	21. Wilms tumour: 14
2. Carcinoma Lung:708	12. Ewings sarcoma: 36	22. Bone metastasis and unknown primary: 358
3. Carcinoma breast: 628	13. Pancreas and hepatobiliary Cancers: 297	23. Carcinoma penis: 57
4. Cervical cancer: 179	14. Carcinoma ovary: 139	24. Multiple Myeloma/ Plasmacytoma: Nil
5. Ca endometrium and uterus: 85	15. Skin cancers and melanoma: 71	25. Testicular Carcinoma: 32
6. Carcinoma oesophagus and stomach: 361	16. Brain tumours: 139	26. Carcinoma vulva and vagina: 36
7. Kidney cancers: 70	17. Lymphoma: 138	27. Carcinoma anal canal: 42
8. Colorectal Cancer: 368	18. Other paediatric malignancies: 36	28. Miscellaneous: 6
9. Soft tissue sarcoma: 53	19. Carcinoma Urinary Bladder: 86	
10. Other bone sarcoma: 55	20. Prostate Carcinoma: 132	

Total: 5088

Patients treated with EBRT from Jan to Nov 2025

SN	Month	Palliative	Curative	Total patients
1	January	14	94	108
2	February	13	78	91
3	March	6	70	76
4	April	13	108	121
5	May	10	86	96
6	June	6	112	118
7	July	9	102	111
8	August	19	96	115
9	September	13	89	102
10	October	4	98	102
11	November	14	94	108
TOTAL		**121**	**1027**	**1148**

Respiratory Medicine and Pulmonary Medicine

Chest Department of IPGME&R comprises Department of **Respiratory Medicine (main campus)** running **MD course of Respiratory Medicine** and Department of **Pulmonary Medicine at SNPH campus**, running the **DM course of Pulmonary Medicine (first time in West Bengal)**

Jointly the departments cater to all forms of complicated respiratory disorders including critical care and interventions for complicated cases referred not only from various districts of the state but also from neighboring states of Orissa, Bihar, Assam and Tripura.

RESPIRATORY MEDICINE

FACULTY

Name	Designation
Dr. Animesh Mandal	Associate Professor & Head
Dr. Surajit Chatterjee	Associate Professor
Dr. Ranjit Kumar Haldar	Assistant Professor
Dr. Saibal Mandal	Assistant Professor

SENIOR RESIDENTS

Name
Dr. Prasanta De
Dr Ankita Chakraborty

MEDICAL OFFICERS

Name
Dr. Tapan Mondal
Dr. Samar Das

POSTGRADUATE TRAINEES (Junior Residents):

SESSION 2022- 25	SESSION 2023-26	SESSION 2024-27
Dr. Subhasish Chanda Dr. Sachin Sharma Dr. Aakash Saha Dr. Abu Saiyed Ansary Dr. Debajyoti Ghosh	Dr. Sandipan Roja Dr. Ramananda Sarkar Dr. Pratim Saha Dr. Lal Thlannunga Dr. Mojtaba Hasan	Dr. Arnab Mondal Dr.Supriyo Podder Dr.Saunak Dey Dr.Gourab Majumder

FACULTY NEWS

Publications

1. Surajit Chatterjee: 25(OH)Vit D3 level in tuberculosis: A cross sectional study in a tertiary care center: JACP, Dec 2022
2. Chatterjee S, Mukhoti K, Chakraborty A. Catamenial pneumothorax in thoracic endometriosis syndrome. Lung India. 2024 May 1;41(3):217-218.
3. Animesh Mandal, Ranjit Kr Haldar, Swapnamoy Ghosh, Saibal Mandal: Comparative study between effect of triple therapy (LABA LAMA ICS) and LABA LAMA in COPD Patients.IJCPR vol 16 issue 10 article 23.
4. Ranjit Kr Haldar, Animesh Mandal, Swapnamoy Ghosh, Wamique Izhar, Saibal Mandal, Prasanta De, : A case of recurrent haemoptysis hypoxia and pulmonary infiltrate. IJDR. 28172.05.2024

Conferences and Training Programs

- All faculty members attended ACPCON 2025 annual and mid term conferences .
- The above mentioned conferences have been attended by junior residents as well who presented posters, case and oral presentations.

ACADEMIC ACTIVITY

MD Examination 2025

The department organized postgraduate MD Respiratory Medicine Examination 2025 with Associate Prof and HOD Dr. Animesh Mandal and Associate Prof. Dr Surajit Chatterjee as internal examiners.
Dr. Subhasish Chanda,Dr. Sachin Sharma, Dr. Aakash Saha, Dr. Abu Saiyed Ansary, Dr. Debajyoti Ghosh have cleared the MD Respiratory Medicine examination held in September 2025.

CURRENT RESEARCH WORK IN DEPARTMENT OF RESPIRATORY MEDICINE:

1. ICMR's network of pulmonary fibrosis. Prof A Sengupta, Prof S Kundu, Prof Ps Mahapatra, Ankan Bandyopadhyay, Dr Keya Basu.
2. A study on etiological diagnosis of cases of exudative, lymphocytic, low ADA pleural effusion with special reference to the role of thoracoscopy guided pleural biopsy. Prof S Kundu, Dr S Chatterjee, Dr Aakash Saha
3. A study on etiology and management of cases of hemoptysis admitted in a tertiary care hospital with special reference to bronchial artery embolization. Prof S Kundu, Dr A Sarkar, Dr Abu Saiyed Ansary.
4. A study for ascertaining the diagnostic utility of serum uric acid and uric acid creatinine ratio in assessing copd severity at tertiary health care center. Dr animesh mondal, dr ranjit kr haldar, dr sachin sharma.
5. A study on ultrasonographic evaluation of diaphragmatic activity and its correlation with diseases severity among cases of COPD attending in a tertiary care hospital. Dr Animesh Mondal, Dr Ranjit Kr Haldar, Dr Nihar Ranjan Sarkar, Dr Subhasish Chanda.
6. A clinical study on cases of bronchiectasis with special reference to etiology, bronchiectasis severity index and faced score. Dr S Kundu, Dr Debojyoti Ghosh.
7. A study on utility of cauda 70 score in predicting outcome and need of mechanical ventilation in cases of acute exacerbation of chronic obstructive pulmonary disease. Dr Animesh Mondal, Dr Sandipan Roja.
8. A study on clinico-radiological profile, pulmonary function test and quality of life among the cases of post tuberculosis lung disease in a tertiary care hospital in eastern India. Dr Surajit Chatterjee, Dr Ramananda Sarkar.
9. A study on diagnostic yield of fiberoptic bronchoscopy in patients admitted with various lung diseases in respiratory medicine department of a tertiary care hospital in eastern India. Dr Ranjit Kumar Haldar, Dr Pratim Saha.
10. A study on inflammatory biomarkers in blood as predictors of severity in community acquired pneumonia. Dr Animesh Mondal, Dr. Lal Thlannunga.
11. A study to evaluate lactate albumin ratio as a predicting marker of acute exacerbation in chronic obstructive pulmonary disease patient attending in a tertiary care center.
12. an observational study on diagnostic yield and safety profile of endobronchial ultrasound guided transbronchial needle aspiration in a tertiary care center: an eastern Indian experience.
13. a comparative study to evaluate adverse drug reactions among drug-resistant tuberculosis patients with and without comorbidities receiving all oral longer regimen.
14. A study on the effect of body mass index on lung function, functional capacity and quality of life among patients with interstitial lung disease.

Achievement of students

Aakash Saha

- 3rd position in Oral paper presentation at 69th IPGME&R foundation day, 2025.
- 1st position in Paper podium presentation at ACPCON 2025.
- Best (1st position) poster award at BroncoCon Delhi 2025.
- 2nd position in Image Discussion category at ICS Talent Search East Zone.
- 2nd position in Paper presentation at NAPCON Jaipur 2025.
- 2nd position in NAPCON 2025 PG Quiz.

Ramananda Sarkar

- 1st Position in Paper podium presentation in ACPCON 2025
- 2nd position in Pulmocon quiz 2025
- Selected for ICS Talent Search East-Zone in NAPCON 2025 case presentation

Pratim Saha

- 3rd position in poster presentation in ACPCON 2025
- World No Tobacco Day Quiz 2025 1st prize at CMRI, Kolkata
- 2nd Position in National Pulmocon Quiz 2025

- ICS Talent Search East Zone - 2nd position in Quiz
- NCCP Quiz State Level 2nd position held at CNMC , Kolkata.

Sandipan Roja
- 2nd position in NAPCON PG quiz 2025

SERVICE INFORMATION

OPD INFORMATION (From 01.01.2025 To 30.11.2025)

OPD New patients (Male 27764 + Female 23248) Total	51012
OPD Old patients (Male 21757 + Female 13057) Total	34808
OPD All patients TOTAL	85820
Nebulization	1709
Thoracocentesis	1406
Advanced spirometry including DL_{CO}	670
NTEP SERVICES	
Total Sputum Examination	13552
Total No of Sputum positive	1074
Total CBNAAT pulmonary and extra pulmonary TB	9760
CBNAAT positive cases	837
R Sensitive	770
R Resistance	67

Highest number of NAAT tests done among all medical colleges in 2025

INDOOR PATIENTS: **Bed strength – 45 (**FROM 01.01.2025 TO 30.11.2025):

Total Admission	1435
Discharge	1319
Bed occupancy	96.5%
Bed turns over	9.1 days

RESPIRATORY CARE UNIT. Bed Strength - 5 (FIVE). Functioning since 21.06.18 including 5 state-of-the-art ventilators and all other modalities of critical care services.

Admissions FROM 01.01.2025 TO 30.11.2025: **180**

Drug Resistant TB ward started from May'23 at SNPH campus under Chest Department.

Bed strength 6 (male 3, female 3)
Total admission in 2025: (male - 29, female - 27)

INTERVENTIONS

The department manages all forms of respiratory interventions including thoracoscopic biopsy, Intercostal tube drainage, fiber-optic bronchoscopy and lung biopsy, image guided biopsy (USG, CT), spirometry with DLCO.

SN	Procedure	Number
1.	Thoracentesis	2141
2.	Intercostal Tube drainage	553
3.	Fiberoptic video Bronchoscopy	602
4.	CT/ USG guided lung/Mediastinal SOL FNAC/ biopsy	556
5.	Pleurodesis	98
6.	Decortication and other major surgery in collaboration with Dept of CTVS	16
7.	Medical thoracoscopy	99
8.	EBUS	31

PULMONARY MEDICINE

FACULTY

Name	Designation
Dr. Amitabha Sengupta	Professor and Head
Dr. Sudipta Pandit	Professor
Dr. Ankan Bandopadhyay	Assistant Professor
Dr. Ritabrata Mitra	Assistant Professor

Postdoctoral Trainees

2022-25	2023-26	2024-27
Dr. Imran Shamsi Dr. Papia Mondal	Dr. Anirban Kundu Dr. Abhishek Dey	Dr. Agniswar Mukherjee Dr. Monojit Mukherjee

Non-bonded Senior Residents

- Dr. Ria Dhar
- Dr. Bichitra Ojha
- Dr. Tamal Bhattacharyya

PhD Student

- Dr. Moumita Saha

ICMR's Network of Pulmonary Fibrosis team

- Sulagna Chatterjee (ICMR Project Research Scientist-I)
- Subhashis Barua (ICMR Project Technical Support-II)

WB-DST funded research project

- Debkanya Dey (WB-DST Project Junior Research Fellow)

PROJECT ACTIVITY

- ICMR Network of Pulmonary Fibrosis (INPF) – Ongoing project on ILD running from March 2022.
- Total Cases Enrolled since January 2024 ILD cases in INPF project: 257
- WB-DST-funded research project – Redox balance and cellular bioenergetics of neutrophils of Non-smoker COPD: Role of parabenzoquinone (p-BQ) and antioxidants (Vitamin C and Octyl gallate) PI- Dr. Amitabha Sengupta
- MRU project – Exploring the redox status of immune cells and NETosis in Non-Smoker COPD, role of parabenzoquinone (p-BQ0 and modulation by Vitamin C and Octyl gallate. PI-- Dr. Amitabha Sengupta
- Impact of MUC5B gene polymorphism and gene expression in smoker and non-smoker COP. PI - Dr. Ritabrata Mitra. and Co-PI - Dr. Sudipta Pandit
- IIT Kharagpur collaboration project: Understanding the role of cholesterol metabolism in lung cancer. (Joint Principal Investigator-- Dr. Amitabha Sengupta and Co- investigator - Dr. Ritabrata Mitra)
- IIT Kharagpur collaboration project: Integration of metabolome, transcriptome and microbiome data to differentiate between chronic hypersensitivity pneumonitis and idiopathic pulmonary fibrosis. (Joint Principal Investigator-- Dr. Amitabha Sengupta and Co- investigator - Dr. Ritabrata Mitra)
- IIT Kharagpur collaboration project Integrated transcriptomics, metabolomics and microbiome signatures-based prediction of COPD patients at-risk of progressing to lung cancer. (Joint Principal Investigator - Dr. Amitabha Sengupta and Co- investigator - Dr. Ritabrata Mitra)
- PhD Project: An objective evaluation of electro-mechanical characteristics of right heart in chronic ling diseases PI - Prof. Dr Sudipta Pandit, Co-PI - Dr. Moumita Saha

ACADEMIC ACTIVITY

DM Pulmonary Medicine Thesis

- Dr. Swapnendu Misra (Thesis title: A prospective observational comparative study to assess diagnostic yield and safety between endobronchial cryo biopsy and endobronchial forceps biopsy procedure in patients with visible endobronchial lesions attending in a tertiary care hospital in India);
- Dr. Anupam Patra (Thesis title: Role of medical thoracoscopy in undiagnosed exudative pleural effusion: Prospective interventional study from Eastern India);
- Dr. Imran Shamsi (Role of Ebus- elastography in the diagnosis of mediastinal lymphadenopathy)
- Dr. Papia Mondal (Diagnostic yield and safety of transbronchial lung cryo biopsy in patients of unclassified ILD)
- Dr Anirban Kundu (A study on different novel parameters of polysomnograohy in obstructive sleep apnea and their relationship with cardiovascular comorbidities.)
- Dr. Abhishek Dey (A prospective study comparing the diagnostic yield and safety of radial endobronchial ultrasound guided transbronchial cryobiopsy with and without fluoroscopy for the diagnosis of peripheral pulmonary lesion)

DM Final Examination

DM in Pulmonary Medicine Final Exam was first held in Nov, 2023. Both the candidates Dr. Ritabrata Mitra and Dr. Akshit Gupta cleared DM Pulmonary Medicine Final Examination. They are the 1st such batch for WBUHS. In 2025, the DM in Pulmonary Medicine Final Exam was held in the month of Jan 2025. Both the candidates Dr. Swapnedu Mishra and Dr. Anupam Patra cleared in first attempt. They are the 2nd such batch for WBUHS.

Publications

- Bhattacharya A, Mitra R, Bandyopadhyay A, Sengupta A, Chaudhury K. Association between blood cholesterol profile and risk of lung cancer: A meta-analysis of prospective cohort studies. Cancer Epidemiology. 2025 Dec 1;99:102955.
- Chakrabarty M, Chatterjee P, Mukherjee A, Das G, Mollah RI, Mondal B, Sardar S, Basu A, Ghosh M, Sengupta A, Pal SK. Mental health problems raise the odds of cognitive impairment in COVID-19 survivors. Frontiers in Psychiatry. 2024 Aug 14;15:1370085.
- Misra S, Bandyopadhyay A, Patra A, Mitra R, Sengupta A, Kundu S. A single-centre, randomised trial to compare diagnostic yield and safety between endobronchialcryobiopsy and endobronchial forceps biopsy procedure in patients with endobronchial lesions. Lung India. 2025 May 1;42(3):204-10.
- Dhali A, Biswas DN, Maity R, Biswas J, Bharadwaj HR, Kumar B, Singh A, Mitra R, Ghosh P. High resolution computed tomography thorax findings in rheumatoid arthritis and its correlation with spirometry indices–a cross-sectional study. Annals of Medicine and Surgery. 2025 Jun 1;87(6):3178-82.

SERVICE INFORMATION
1st December 2024 to 30th November 2025

Outpatient Department (OPD)
SSKM Hospital: Tuesday & Thursday & Saturday
Attendance – Male : 14316, Female : 12335 , Others : 06 | Total = 26657

SNP Hospital (Annex II) (Monday & Friday)
Attendance – Male : 4521, Female : 3273 , Others : 01 | Total = 7795

Multi-disciplinary ILD clinic – Every Wednesday at SNP Hospital (Annex-II) 11 a.m. onwards-since August 2022
Attendance –159

Indoor Patients Department (IPD)

Ward
Male -35, Female -15. Total :- 50, for Emergency Trolly – 5
Admission – 1280 | Discharge – 1214 | Bed Occupancy -87%

R.C.U.
A well-equipped, 6 bed Respiratory Care Unit with advanced ventilators, renal support & monitoring facility with all beds including emergency patients. Total Admission :- 363 cases .

Procedures

Major	**Minor**
Bronchoscopy – 450 Thoracoscopy & Pleural biopsy – 50 Endobronchial Ultrasound – 150 Cryo–Biopsy – 30 Therapeutic bronchoscopy – 50	I.C.T. (Intercostal Tube) drainage – 179 Spirometry – 1530 DLCO – 173 Tracheostomy – 11 Central lines –360 USG guided FNAC – 35 Lymph node FNAC – 86 Arterial line – 360

Special Achievement

The Department is managing complicated and critical cases of intervention pulmonary medicine including rigid bronchoscopy and airway stenting, EBUS guided mediastinal cryobiopsy.

With the availability of Impulse-oscillometry and FENO the department is ready to provide comprehensive and state of the art pulmonary care for all categories of respiratory ailment.

Clinical Immunology & Rheumatology

FACULTY and Senior Residents

Designation	Name & qualification
Head & Professor	Dr. Parasar Ghosh, MD (Medicine), DM (Clinical Immunology)
Professor	Dr. Geetabali Sircar, M.D.(Medicine), DM (Rheumatology)
	Dr. Biswadip Ghosh, M.D.(Medicine)
Associate Professor	Dr. Pradyot Sinhamahapatra, M.D.(Medicine), DNB (Medicine)
	Dr. Sumantro Mondal, M.D. (Medicine), DM (Rheumatology)
Assistant Professors	Dr. Subhankar Haldar, M.D.(Medicine)
	Dr. Hira Manik Sit, M.D.(Medicine)
	Dr. Partha Ghorai, M.D.(Medicine), DM (Neurology)
	Dr. Dipendra Nath Ghosh, M.D. (Medicine), DM (Rheumatology)
RMO	Dr. Sudipta Ghorai, M.D. (Pediatric Medicine)
Senior Resident	Dr. Sonali Dey, M.D. (Medicine), DM (Rheumatology)
	Dr. Debaditya Roy, M.D. (Medicine), DM (Rheumatology)
	Dr. Kaustav Mitra, M.D. (Medicine), DM (Rheumatology)
	Dr. Selim Mondal, M.D. (Medicine), DM (Rheumatology)
	Dr. Koushik Mukherjee, M.D. (Medicine), DM (Rheumatology)

PhD Scholars

SN	NAME	DESIGNATION	PROJECT NAME
1	Sulagna Chatterjee	ICMR-SRF	Cellular bioenergetics of $CD4^+$ T cells in Systemic Lupus Erythematosus and it's role in oxidative damage induced DNA extrusion.
2	Shilpa Sengupta	WBDSTBT Senior Research Fellow	Metabolic bioenergetics of $CD4^+$ T cells in patients with Systemic Lupus Erythematosus: Effect of Metformin.
3	Abhishek Saha	Junior Research Fellow, DST	Immunoprofiling and gene expression of EZH_2 in patients with proliferative Lupus nephritis towards personalized treatment.
4	Susmita Halder	Research Fellow	NA
5	Soumyajit Manna	Research Fellow	NA
6	Susmita Saha	Research Fellow	NA

Sisters

Indoor/Outdoor/Day care	Sr. Rita Ghosh – Sister in charge Sriparna Chatterjee Keka Panchodhayay Bindu M Varrier	Saheli Ganguly Jyotsna Nandi Priyanka Khan Alpana Maiti	Gita Basu Silpi Majumder Subhasree Maji Srabani Chakraborty

NON-TEACHING STAFF

Laboratory Technician	Bikash Chandra Purkait Tamali Mondal Reshmi Pal Rubi Manna Susanta Bhattacharjee Probir Mondal Suresh Kumar Mita Karu
Clerical Staff	Gita Rani Ghosh Roy

(Non-Govt., from Project)	Sudip Das
DXA Technician (Non-Govt., from Project)	Sandip Das
Group-D Staffs (From Sainik Board)	Monishankar Halder Gita Biswas Bikash Shaw
Group-D Staffs (Non-Govt., from Project)	Vinod Mallick

ACADEMIC ACTIVITY

	Details
Morning session	1) Journal scan on every Monday 2) Seminars on every Tuesday 3) Seminars on basic research in Immunology on every Wednesday 4) Interactive case presentation by PDTs on every Thursday 5) Mortality meet in ward review, case-based discussion and debate on 2nd and 4th Friday 6) Every third Monday faculty presentation 7) Seminars on recent advances on every Friday by PDTs and Faculties 8) Grand clinical rounds on every Saturday
	DM passed this year: (Session 2021-24) • Dr. Debaditya Roy • Dr. Selim Mondal • Dr. Koushik Mukherjee • Dr. Kaustav Mitra • Dr. Harsh Lalit Jain

RESEARCH PROJECTS AND ACTIVITY

RESEARCH GRANTS	1. Metabolic bioenergetics of CD4+ T cells in patients with Systemic lupus erythematosus : effect of metformin – Sanction by WBDSTBT (2022) 2. Cellular bioenergetics of CD4+ T cells in Systemic lupus erythematosus and its role in oxidative damage induced DNA extrusion - Sponsored by ICMR (Individual SRF program) 3. Exploring the heterogeneity of Systemic Lupus patients based on autoantibodies distribution and multiomics approaches compared in two ethnic cohorts – sanction by DST, Govt. of India. 4. Immunoprofiling and gene expression of EZH2 in patients with proliferative Lupus Nephritis towards personalized treatment –DST, Govt. of West Bengal 5. A Phase 3, Multicenter, Double-Blind, Randomized, Placebo-Controlled Study To Evaluate The Efficacy And Safety Of Pf-06823859 In Participants With Active Idiopathic Inflammatory Myopathies (Including Participants With Active Dermatomyositis Or Polymyositis) 6. A prospective, multi-centre, open label, phase IV study to evaluate safety and efficacy profile of GolimuRel® (Golimumab manufactured by Reliance Life Sciences Pvt. Ltd.) in rheumatoid arthritis, psoriatic arthritis and ulcerative colitis 7. A Multicenter, Randomized, Parallel-group, Double-blind, Two-arm, Phase III Study to Evaluate the Safety and Efficacy of Anifrolumab Compared with Placebo in Male and Female Participants 18 to 70 Years of Age Inclusive with Systemic Sclerosis 8. A Multicenter Randomized Double-Blind Placebo-Controlled Phase 3 Study to Evaluate the Efficacy and Safety of Anifrolumab in Adult Patients with Active Proliferative Lupus Nephritis 9. A Multicenter, Parallel-group, Double-blind, 2-Arm, Phase III Study to Investigate the Efficacy and Safety of Anifrolumab Administered as Subcutaneous Injection and Added to Standard of Care Compared with Placebo Added to Standard of Care in Adult Participants with Idiopathic Inflammatory Myopathies (Polymyositis and Dermatomyositis)

DST-FIST SUPPORT	DST FIST SPONSOR : DST – FIST I infrastructural `support for expanding its academic and research purpose and the same was sanctioned for the second time by DST (2018-2021).

Awards and achievements

1. Dr. Israrul Haque received the 2nd prize for a platform presentation at the Indian Rheumatology Association, (IRA) Annual Conference 2025.
2. Dr. Israrul Haque received Indo UK fellowship.
3. Dr. Rohan Goel & Dr. Neel Limaye received 1st prize for DM quiz competition at the Indian Rheumatology Association, (IRA) Annual Conference 2025.
4. Susmita Halder, received 1st prize for basic science poster presentation at the Indian Rheumatology Association, (IRA) Annual Conference 2025.
5. Abhishek Saha received 2nd prize for basic science poster presentation at the Indian Rheumatology Association, (IRA) Annual Conference 2025.

PUBLICATION BY FACULTY, STUDENTS AND RESEARCH SCHOLARS

6. Bhowmick K, Roongta R, Mondal S, Ghosh DN, Dey S, Panjabi GR, Karmakar A, Kumar MS, Dey S, Ghorai S, Ghorai P, Sit H, Haldar S, Sinhamahapatra P, Ghosh B, Sircar G, Ghosh P. Clinical profile and risk factors of posterior reversible encephalopathy syndrome in systemic lupus erythematosus: A case-control study. Lupus. 2025 Sep;34(10):1029-1038.
7. Haque I, Mitra K, Sircar G, Ghosh P, Mondol S, Haldar S, Ghosh D, Roongta R. C1q monogenic lupus: a case series and review. Rheumatol Adv Pract. 2025 May 28;9(3).
8. Das P, Goyal M, Roy D, Ravindran V. Newer Therapies for Osteoporosis: A Systematic Review. J Assoc Physicians India. 2025 Aug;73(8):67-76.
9. Day J, Minikumari Rahulan L, Singla S, Yaadav P, Khan AEB, Roy D, Agarwal V, Wright G, Andreoli L, Ovseiko P, Coates L, Gupta L; CHANGE Study group. Key factors contributing to gender inequity in global rheumatology awards: a global survey analysis. Rheumatology (Oxford). 2025 Nov 19.
10. Ikbal et al. Phytochemical, LC-MS Studies, and Assessment of Antioxidant, Anti-inflammatory, Hypoglycemic, Anti-Rheumatoid-arthritis Potential with Acmella paniculata: In-Silico and In-Vitro Appraisal.2025;10:
11. Chowdhury K, Kumar U, Chaudhuri J, Kumar P, Das S, Kanjilal M, Ghosh P, Basyal RK, Kanga U, Bandyopadhaya S, Mitra DK. Engaging PD-1 rescuesregulatory T cell function and inhibits inflammatory T cells in rheumatoid arthritis. ClinExp Immunol. 2025 ;219(1):uxaf035.
12. Mehta P, Aggarwal A, Rajasekhar L, Shobha V, Mathew AJ, Kavadichanda C, Ghosh P, Das B, Rathi M, Srivastava A, Gupta R, Jain A. Gastrointestinal manifestations in systemic lupus erythematosus: data from an Indian multi-institutional inception (INSPIRE) cohort. Rheumatology (Oxford). 2025 ;64(1):156-164.
13. Dhali A, Biswas DN, Maity R, Biswas J, Bharadwaj HR, Kumar B, Singh A, Mitra R, Ghosh P. High resolution computed tomography thorax findings in rheumatoid arthritis and its correlation with spirometry indices - a cross-sectional study. Ann Med Surg (Lond). 2025 Apr 15;87(6):3178-3182.
14. Haque I, Mitra K, Sircar G, Ghosh P, Mondol S, Haldar S, Ghosh D, Roongta R. C1q monogenic lupus: a case series and review. Rheumatol Adv Pract. 2025 May 28;9(3):rkaf064.
15. Saha M, et al. Effect of Piper betle on oxidative stress in patients with Systemic Lupus Erythematosus. 2025;4:90-98

SERVICE INFORMATION

SERVICES	DETAILS	FREQUENCY	VOLUME
Outpatient services	Rheumatology OPD	Thrice/week (Monday, Wednesday & Friday)	500 - 600 per day
	Lupus clinic Osteoarthritis / Sjogren clinic	Once/week (Tuesday)	130-160 per week 30-40 per week
	Early Arthritis clinic Scleroderma clinic & Vasculitis clinic Biologics board	Once/week (Thursday) Twice /Month (2nd & 4th Thursday) Once/Month (1st Thursday)	70-100 per week
Indoor (Male & Female)	2nd Floor & 3rd Floor	Monday to Saturday	100-120 per month
Day Care	Intra Articular Injection / Intralesional injection Nerve Biopsy / Muscle Biopsy Injection Cyclophosphamide Intravenous Injection Biologicals Lip biopsy Skin biopsy		900-1000 / month 4 /month 200-250 such/month 60-70 such/month 3-4 per month 4-5 such/month
Day Care center KPH	Every Thursday (Biological DMARDs injection on OPD basis)		20 / per week

Imaging	BMD DEXA	Twice/week (Tuesday & Thursday)	26 -31 per week
	MSK-USG/PDUS	Monday to Saturday	110-130 per week
	Kidney biopsy –USG guided		06-08 such/month
	USG – guided IACS	Monday to Friday	15-20 per week
Laboratory services	Autoantibody and other immunological tests including ELISA, Nephelometry, Immunoblot and immunofluorescence microscopy based tests like RF, hsCRP, Ceruloplasmin, IgG, IgA, IgM, LP(a), Anti-CCP, ANA, anti ds-DNA antibody, C3, C4, ANA profile (ENA), ANA profile (special), Myositis profile, Myositis profile (special), Systemic Sclerosis profile, Auto immune Liver profile, Neuro profile, Allergy profile (dust, food), MPO, PR3, Anti Ro(SSA), Anti La(SSB), Anti Cardiolipin b-IgA, IgM, IgG; Anti β2 Glycoprotein b-IgA, IgM, IgG; ANCA(cANCA, pANCA), Ferritin, 25(OH) VitD, ASMA, AMA, LKM, Cryoglobulin, Cryofibrinogen, Auto immune encephalitis panel, PLA2R (IIFT), PLA2R (ELISA), U1RNP, GBM, NMOSD Screen 1 (MOG & AQP4) etc.		Done regularly

School of Digestive and Liver Diseases

A. Faculty

Medical Gastroenterology
- Prof. Gopal Krishna Dhali
- Prof. Kshaunish Das
- Dr. Rajib Sarkar
- Dr. Debashis Misra
- Dr. Arka Banerjee
- Dr. Bipul Barman
- Dr. Shamik Banerjee

Paediatric Gastroenterology
- Dr. Goutam Ray
- Dr. Arghya Samanta

Hepatology and Center of Liver Research
- Prof. Kausik Das
- Prof. Soma Banerjee
- Prof. Simanti Datta
- Dr. Mahiuddin Ahammed
- Dr. Prasenjit Halder
- Dr. Debarshi Bose
- Dr. Suman Santra

GI and Liver Pathology
- Dr. Ranajoy Ghosh
- Dr. Aniket Halder
- Dr. Sonali Mondal
- Dr. Tamalika Kundu

GI Surgery
- Prof. Sukanta Ray
- Dr. Shomak Das
- Dr. Tuhin Subhra Mandal

GI Anesthesia
- Prof. Tapas Ghosh
- Dr. Dibyendu Gharai
- Dr. Saikat Bhattacharjee

GI Radiology
- Dr. Avik Sarkar

B. Students/Trainees/Fellows

• Senior Resident (Post DM/MCh)	9
• MCh (Surgical Gastroenterology)	03
• DM (Medical Gastroenterology & Hepatology)	34
• Senior Resident (GI Radiology) (Post MD)	01
• Students pursuing PhD	19

C. Medical Officers

• GI Surgery	01

FACULTY NEWS

Invited Lectures in the meeting/conference by Faculty members:

1. Conference Guest Speaker: **Dr Aniket Halder**
   Presented a talk at **annual Conference of CAPP** on "Diagnostic Dilemmas in Pancreato-biliary Neoplasia" in June 2025.
2. **Prof. Sukanta Ray was** invited for a **lecture** in **21st Annual Conference of Indian Chapter of IHPBA, Kolkata,** 20th March, 2025. The title of the deliberation was **"How to do a Hepaticojejunostomy"**.
3. **Prof. Sukanta Ray** was invited for a **Video presentation** in **21st Annual Conference of Indian Chapter of IHPBA, Kolkata 2025**, 20th March, 2025. The title of the deliberation was **"Frey Procedure- Technique of Head coring".**
4. **Prof. Sukanta Ray** was invited for a **lecture** in **Kolkata Pancreas Club,** 28th June, 2025. The title of the deliberation was **"Indications and outcome of Surgery for Chronic pancreatitis".**
5. **Prof. Sukanta Ray** was invited for a **lecture** in **GEMAS Summit 2025**, 14th September, 2025. The title of the deliberation was **"Surgical complications: Pancreatic leak/ fistula".**
6. **Prof. Sukanta Ray** was invited for a **lecture** in **HOPECON 2025**, June, 2025. The title of the deliberation was **"Acute pancreatitis- current management".**
7. **Prof Rajib Sarkar** was invited for a **lecture** in **ISGCON, Bihar-Jharkhand chapter 2025**, June 2025. The title of the deliberation was "**How to choose drugs in Crohn's disease"**
8. **Prof Rajib Sarkar** was invited for a **lecture** in **GEMAS conference, Kolkata.** The title of the deliberation was **"Upadacitinib, the molecule fits for all".**
9. **Dr Debashis Misra** was invited for a **lecture** in **API West Bengal, Bardhaman branch**, **February, 2025.** The title of the deliberation was "**Approach to Obscure GI bleed"**

10. **Dr Debashis Misra** was invited for a **lecture** in **8th National Congress on Clinical Diabetes, May, 2025.** The title of the deliberation was **"Dry mouth and Diabetes".**
11. **Dr Debashis Misra** was invited for a **lecture** in **Kolkata Pancreas Meeting, December, 2025.** The title of the deliberation was **"EPI & PERT: Pitfalls and solutions".**
12. **Dr Arka Banerjee** was invited for a **lecture** in **ISGCON, West Bengal chapter 2025**, January 2025. The title of the deliberation was **"Artificial Intelligence in capsule endoscopy".**
13. **Dr Goutam Ray** was invited for a **lecture in ISPGHAN (Indian Society of Pediatric Gastroenterology Hepatology and Nutrition) Annual Conference at Bangalore,** November **2025.** The title of the deliberation was **"Approach to Congenital Diarrheas and Enteropathy"**
14. **Dr Goutam Ray** was invited for **North East ISGCON at Guwahati,** November **2025.** The title of the deliberation was **"Approach to Chronic Liver Disease in children less than 5 yrs old"**
15. **Dr Arghya Samanta** was invited for **West Bengal Annual Pediatric Gastrocon**, National Medical College, Kolkata, **2025.** The title of the deliberation was **"Inflammatory Bowel Disease: Diagnosis and Management".**
16. **Dr Arghya Samanta** was invited for **Literature Festival, Indian Society of Paediatric Gastroenterology, Hepatology and Nutrition, RML Hospital, Lucknow, July 2025**. The title of the deliberation was **" Eosinophilic Esophagitis: Monitoring Tools".**
17. **Dr Arghya Samanta** was invited for **KPLD 2025 conference (Kalinga Practitioners in Liver Diseases), KIMS Hospita**l, **Bhubaneswar,** June, **2025**. The title of the deliberation was **"CMUSE and other small bowel enteropathies"**
18. **Dr Arghya Samanta** was invited for **National Midterm conference of Indian Society of Pediatric Gastroenterology, Hepatology and Nutrition, RML Hospital, Lucknow,** April**, 2025**. The title of the deliberation was **"Approach to neonatal cholestasis: Sick baby"**
19. **Dr Arghya Samanta** was invited for **National Pedicon, Hyderabad**, January, **2025** . The title of the deliberation was **"NAFLD in Children: How to screen and treat"**
20. **Dr Arghya Samanta** was invited for **6th International Conference of the Bangladesh Society of Pediatric Gastroenterology and Nutrition, Dhaka**, November, **2025**. The title of the deliberation was **"Eosinophilic Esophagitis: Current Treatment Strategies".**
21. **Dr. Tuhin Subhra Mandal was** invited for a **lecture** in **21st Annual Conference of Indian Chapter of IHPBA, Kolkata IHPBA,** 22nd March**,** 2025**-** The title of the deliberation was **"Recurrent Pyogenic Cholangitis-Optimum Management".**
22. **Dr. Tuhin Subhra Mandal was** invited for a lecture in **Modular Course, ASI WB chapter,** 4th May 2025**-** The title of the deliberation was **"Cystic Neoplasms of Pancreas".**
23. **Dr. Tuhin Subhra Mandal was** invited for a lecture in **SASICME, ASI WB chapter,** 14th September 2025**-** The title of the deliberation was **"Cystic Neoplasms of Pancreas".**
24. **Dr. Tuhin Subhra Mandal was** invited for a lecture **1st Barddhaman GI Conclave,** 15th November 2025**-** The title of the deliberation was **"Surgical Management of Chronic Pancreatitis".**
25. **Prof Soma Banerjee** was invited for a lecture in **"Celebration of the Doctors' Day on the theme of Cancer and inherited diseases"** on the 01th July 2025 at **CNCI, Kolkata**. The title of the talk was "**Tiny non-coding RNAs in Hepatocellular carcinoma".**
26. **Prof Soma Banerjee was invited for a lecture in** a webinar series organized under the aegis of the National Network Project (NNP), funded by the Department of Biotechnology, Government of India between the **University of Kalyani and IISER**-Kolkata on 12.09.2025. The title of the talk was "**Mechanism of Arm selection of microRNA-126 for the benefit of progression of Hepatocellular carcinoma".**
27. **Prof Soma Banerjee** was invited for a lecture in 8th Molecular Virology Meeting at **Institute of Advanced Virology, Thiruvananthapuram** from 17-18th September 2025. The title of the talk was "**Programmed Cell Death 11 (PDCD11) Promotes HBV Replication, Enrichment in Extracellular Vesicles and Ameliorates Immune Evasion in Hepatocellular Carcinoma"**
28. **Prof Soma Banerjee** was invited for a lecture in **ATGC diagnostic** organized workshop on 24th November 2025. The talk title was **"Balancing Innovation and Ethics: A CRISPR Approach to Patent Law"**
29. **Prof Simanti Datta** was invited for a lecture in **17th Annual Conference and workshops, The Cytometry Society, India. The title of the talk was "Insights into complement C3 regulation during chronic HBV infection: implications on viral persistence and host immune response."**
30. **Dr Suman Santra** delivered a talk at **1st meeting of Indian Society for Extracellular Vesicles EVOLVE 2025 held at AIIMS, New Delhi entitled "Exosomal MicroRNAs Drive Hepatic Stellate Cell Activation in Isoniazid-Induced Liver Injury.**

Honours:

Dr Aniket Halder received certificate of appreciation & award of Rs 10000/- for **best original article published in the national journal of Pathology (Indian Journal of Pathology & Microbiology) in 2023—to be awarded in the annual conference of IAPM in December 2025.**

Halder A, Patra S, Mandal B, Ray G, Ghosh R, Mukherjee S, Chatterjee U. Differentiating biliary atresia from other causes of infantile cholestasis: An appraisal of the histomorphological changes on liver biopsy. Indian J Pathol Microbiol. 2023 Oct-Dec;66(4):790-798. doi: 10.4103/ijpm.ijpm_215_22. PMID: 38084534.

Oral and Poster presentation in national meeting by Students/ Residents:

Oral Presentations:

1. **Dr Soham Bhowmik** delivered lecture on "Evolution of Endoscopic Lesions and Histologic Indices in cases of Severe and Moderate Ulcerative colitis" in **66th Annual Conference of the Indian Society of Gastroenterology, 2025.**
2. **Dr Biswadeep Roy** delivered lecture on "ENDOSCOPIC ULTRASOUND GUIDED 22- GAUZE FINE NEEDLE BIOPSY VERSUS SINGLE INCISION WITH NEEDLE KNIFE FOR THE DIAGNOSIS OF UPPER GASTROINTESTINAL SUBEPITHELIAL LESIONS IN A TERTIARY CARE CENTRE IN EASTERN INDIA: A SINGLE BLIND PROSPECTIVE RANDOMIZED CONTROLLED TRIAL" in **66th Annual Conference of the Indian Society of Gastroenterology, 2025.**
3. **Dr Ramanique Singh** delivered lecture on "Exocrine Pancreatic Insufficiency in Children with Chronic Pancreatitis: Is it really uncommon?" in **66th Annual Conference of the Indian Society of Gastroenterology, 2025.**
4. **Indrashish Dey** delivered a lecture on **"The RNA binding protein, PDCD11, enriched in cancer cell-derived extracellular vesicles favors macrophages in promoting Hepatocellular Carcinoma"** in **44th Annual Meeting of the Indian Association for Cancer Research (IACR)** held on **16-18 January, 2025.**
5. **Debalina Mukherjee** delivered a lecture entitled **"Tumor Cell-Derived Extracellular Vesicles Enriched LncRNA KCNQ1OT1 Modulates the Tumor Immune Microenvironment in Hepatocellular Carcinoma"** at the **7th Annual Conference of Calcutta Consortium Human Genetics (CCHuGE)**, held on **22nd March, 2025.**
6. **Shreya Mallik** delivered a lecture on **"Hepatitis B virus downregulates Vitamin D metabolizing enzyme CYP2R1 through epigenetic modification and facilitates its persistence"** in **68th Foundation Day celebration of the Institute** held on **16th January 2025.**
7. **Sudeshna Halder** delivered a lecture on **" Hepatitis B virus upregulated complement C1 synthesis by restricting nuclear localization of transcriptional repressor YY1 promoting disease pathogenesis"** in **68th Foundation Day celebration of the Institute** held on **16th January 2025.**
8. **Subhas Das** delivered a lecture on **"Deciphering the influence of circular-RNA DKK1 in development of sorafenib resistant in hepatocellular carcinoma"** in **68th Foundation Day celebration of the Institute** held on **16th January 2025.**
9. **Anusmriti Das** delivered a lecture on **"Tumor cell derived extracellular vesicle enriched miR-552-5p triggers M2 macrophage polarization and promotes hepatocellular carcinoma" in Foundation Day of IPGME&R, held on 16th January,2025**
10. **Anusmriti Das** delivered a lecture on **"Tumor cell derived extracellular vesicles enriched miR-552-5p polarizes macrophages towards M2 that induces hepatocellular carcinoma" at the 7th Annual Conference of Calcutta Consortium Human Genetics (CcHuGE)**, held on **22nd March, 2025.**
11. **Ampita Bhadra** delivered a lecture on **"Role of Exosomal microRNAs in Hepatic Fibrosis during Drug-Induced Liver Injury: an in-vitro study" in Foundation Day of IPGME&R, held on 16th January,2025**

Poster presentations:

1. **Dr Anjali Garg** presented **poster** on "Endoscopic controlled radial expansion balloon dilation in infantile achalasia: A case series of four infants" in **66th Annual Conference of the Indian Society of Gastroenterology, 2025.**
2. **Dr Abdullah** presented **poster** on "Cyst at Hepatico-pancreatic groove- A diagnostic challenge: A case report" in **66th Annual Conference of the Indian Society of Gastroenterology, 2025.**
3. **Dr Gurpreet Kapoor** presented **poster** on "Very Early-Onset IBD Associated with a Previously Unreported SMAD7 Mutation" in **66th Annual Conference of the Indian Society of Gastroenterology, 2025.**
4. "Predictors of 90- day morbidity and mortality after surgery for chronic pancreatitis: A single centre experience" - **E-Poster** Presentation by **Dr Hemabha Saha** at **21st Annual Conference of Indian Chapter of IHPBA, Kolkata**

5. "Recurrent Pyogenic Cholangitis with extrahepatic biliary cystadenoma, a rare concurrence"- E**- Poster** Presentation by **Dr Swapnil Sen, IASGCON, Chennai**
6. "Biliary cystadenoma mimicking hydatid cyst of the liver, an unusual presentation"- **E-Poster** Presentation by **Dr Swapnil Sen** at **21st Annual Conference of Indian Chapter of IHPBA, Kolkata**
7. "An extremely rare and interesting case of mucinous cystic lesion of liver with biliary communication"- **E-Poster** Presentation by **Dr Swapnil Sen** at **21st Annual Conference of Indian Chapter of IHPBA, Kolkata**
8. **Shreya Mallik** presented a poster on **"Hepatitis B virus suppresses Vitamin D metabolizing enzyme CYP2R1 through epigenetic modification and facilitates its persistence during chronic infection"** in **2025 International HBV Meeting** held from **September 8 - 12 in Berlin, Germany**.
9. **Indrashish Dey** presented a poster on **"PDCD11, Enriched in Cancer Cell-Derived Extracellular Vesicles, Promotes Immunosuppressive Macrophage Polarization and Tumor Immune Evasion in HBV related Hepatocellular Carcinoma" in "Frontiers in Cancer Science 2025"** meeting held at **NUS University Cultural Centre, Singapore on 5th-7th November 2025**
10. **Debalina Mukherjee** presented a **Poster** on "**Investigating the Impact of Tumor Cell-Derived Exosome Enriched LncRNA KCNQ1OT1 on T-cell Immunomodulation in Hepatocellular Carcinoma**", at **National Symposium** on **"Molecular Basis of Life: Health, Disease and Diversity"** conducted the **Presidency University, Kolkata** on **28-30 November, 2024.**

Awards received by students

1. **Shreya Mallik** received **Travel Grant Award** by **2025 International HBV Meeting Committee** and visited **Berlin, Germany from September 8 - 12th 2025.**
2. **Indrashish Dey** Received **Travel support** from **Anusandhan National Research Foundation (ANRF)** for participating and presenting a poster in **"Frontier in cancer Science 2025, Singapore (05 November, 2025 to 07 November, 2025)".**
3. **Subhas Das** received the **third prize** for **Oral presentation (PhD Scholar section)** in **68th Foundation Day celebration of I.P.G.M.E&R.** held on **16th January 2024.**
4. **Debalina Mukherjee** received **2nd Prize** in **7th Annual Conference of Calcutta Consortium Human Genetics (CCHuGE)**, held on **22nd March, 2025**
5. **Ampita Bhadra** received the **second prize** for **Oral presentation (PhD Scholar section)** in **68th Foundation Day celebration of I.P.G.M.E&R.** held on **16th January 2024.**

Publications:

1. Singh S, Sengupta S, Kumar D, Mukherjee K, Hasan AMD, Sadhukhan P, Ahammed SM. Efficacy of Sofosbuvir-Velpatasvir-Ribavirin Regimen for Retreatment of Chronic Hepatitis C in Patients With Prior DAA Failure: A Retrospective Study From a National Treatment Center. Int J Hepatol. 2025 Sep 4;2025:9918357. doi: 10.1155/ijh/9918357. PMID: 40948725; PMCID: PMC12425630.
2. Kushwaha D S, Banerjee A (August 06, 2025) Spectrum of Esophageal Motility Disorders on High-Resolution Manometry in Patients with Non-Obstructive Dysphagia. Cureus 17(8): e89478. doi:10.7759/cureus.89478.
3. Kushwaha D S, Samanta A, Ray G, et al. (November 19, 2025) Endoscopic Controlled Radial Expansion Balloon Dilatation in Infantile Achalasia: A Case Series of Four Infants. Cureus 17(11): e97207. doi:10.7759/cureus.97207.
4. Roy S K, Banerjee A, Barman B (November 17, 2025) Anorectal Pathophysiology in Solitary Rectal Ulcer Syndrome: Insights From a Cross-Sectional Study. Cureus 17(11): e97082. doi:10.7759/cureus.97082
5. Chatterjee S, Chakraborty A, Roy S, Roychowdhury D, Karmakar A, Saha A, Dhali GK, Banerjee S, Banerjee A. DEFB4A/hBD2, a non-invasive serum biomarker for detection of ulcerative colitis. Sci Rep. 2025 Nov 6;15(1):38949. doi: 10.1038/s41598-025-22893-4. PMID: 41198907; PMCID: PMC12592379.
6. Halder A, Sk FW, Das SK, Ghosh R, Barman S, Sarkar R, Chatterjee U. Significance of interstitial cells of Cajal in Hirschsprung's disease and intestinal neuronal dysplasia - A comparative study. Indian J Pathol Microbiol. 2025 Aug 14. doi: 10.4103/ijpm.ijpm_574_24. Epub ahead of print. PMID: 40824688.
7. Dhali A, Kipkorir V, Maity R, Srichawla BS, Biswas J, Rathna RB, Bharadwaj HR, Ongidi I, Chaudhry T, Morara G, Waithaka M, Rugut C, Lemashon M, Cheruiyot I, Ojuka D, Ray S, Dhali GK. Artificial Intelligence-Assisted Capsule Endoscopy Versus Conventional Capsule Endoscopy for Detection of Small Bowel Lesions: A Systematic Review and Meta-Analysis. J Gastroenterol Hepatol. 2025 May;40(5):1105-1118. doi: 10.1111/jgh.16931. Epub 2025 Mar 13. PMID: 40083189; PMCID: PMC12062924.

8. Ray S, Saha H, Sen S, Das S, Lahiri S, Das S, Mandal TS, Biswas J, Khamrui S. Presentation and outcomes of surgery for choledochal cyst in children and adults: an experience of 329 cases. Updates Surg. 2025 Apr;77(2):459-470. doi: 10.1007/s13304-025-02138-9. Epub 2025 Mar 4. PMID: 40035920.
9. Ray S, Dhali A, Khamrui S, Saha H, Sen S, Das S, Mandal TS. External validation of ISGPS two-factor, four-tier classification for the prediction of pancreatic fistula after pancreaticoduodenectomy. Am J Surg. 2025 Nov 7;251:116714. doi: 10.1016/j.amjsurg.2025.116714. Epub ahead of print. PMID: 41259937.
10. Mukherjee M, Ghosh S, Maity A, Ray S, Saha H, Bahadur RP, Goswami S. LncRNA CASC19 promotes pancreatic cancer progression by increasing PSPC1 protein stability and facilitating the oncogenic PSPC1/ β-Catenin pathway. Mol Med. 2025 Sep 29;31(1):305. doi: 10.1186/s10020-025-01363-7. PMID: 41023804; PMCID: PMC12482102.
11. Majumdar, S., Chowdhury, D.R., Chakraborty, B.C. Chowdhury A, Datta S and Banerjee S. MiR-451a attenuates hepatic steatosis and hepatitis C virus replication by targeting glycerol kinase. J Transl Med 23, 322 (2025). https://doi.org/10.1186/s12967-025-06286-9.
12. Chatterjee, S., Chakraborty, A., Roy, S, Roy chowdhury D, Karmakar A, Saha A, Dhali GK, Banerjee S and Banerjee A. DEFB4A/hBD2, a non-invasive serum biomarker for detection of ulcerative colitis. Sci Rep 15, 38949 (2025). https://doi.org/10.1038/s41598-025-22893-4.
13. Das S, Chatterjee S, Patel T, and Banerjee S. RNA renaissance: Harnessing non-coding RNA therapeutics for hepatocellular carcinoma. Pharmacology & Therapeutics,277,108956(2025). https://doi.org/10.1016/j.pharmthera.2025.108956.
14. Bishnu D , Santra ,S, Purkait S, and Santra A. Unraveling the Role of CYP2E1 in Antitubercular Drug-Induced Hepatotoxicity: From Molecular Mechanisms to Clinical Implications. Int J Heptol 2025 Nov 20; 2025:9980298. http://doi: 10.1155/ijh/9980298.
15. Samanta A. Pediatric Gastroenterology. Indian Pediatr. 2025 Oct;62(10):785-786
16. Samanta A, Ray G. Hepatic glycogen storage disease: Deciphering the genotype-phenotype conundrum. World J Clin Pediatr. 2025 Sep 9;14(3):103415.
17. Chatterjee S, Chakraborty A, Roy S, Roychowdhury D, Karmakar A, Saha A, Dhali GK, Banerjee S, Banerjee A. DEFB4A/hBD2, a non-invasive serum biomarker for detection of ulcerative colitis. Sci Rep. 2025 Nov 6;15(1):38949
18. Kushwaha DS, Banerjee A. Spectrum of Esophageal Motility Disorders on High-Resolution Manometry in Patients With Non-obstructive Dysphagia. Cureus. 2025 Aug 6;17(8):e89478.
19. Das K. Extracorporeal Shock-Wave Lithotripsy and Endoscopy for the Treatment of Pain in Chronic Pancreatitis. Ann Intern Med. 2025 May;178(5):759-760
20. Maity R, Rathna RB, Dhali A, Fernandes N, Biswas J, Kapoor GS, Dhali GK. Ulcerated benign jejunal gastrointestinal stromal tumor causing gastrointestinal bleeding: A case report. World J Clin Cases. 2025 Aug 16;13(23):106140.
21. Maity R, Dhali A, Chattopadhyay PK, Biswas J, Dhali GK. Solid pseudopapillary neoplasm of the pancreas causing obstructive jaundice: Case report of a rare entity. Int J Surg Case Rep. 2025 Jan;126:110635.
22. Dhali A, Maity R, Chattopadhyay PK, Biswas J, Garg A, Dhali GK. Granulomatous gastritis due to gastric sarcoidosis presenting as gastric outlet obstruction: Case report of a rare entity. Int J Surg Case Rep. 2025 Feb;127:110987
23. Patwari P, Batra N, Sen K, Saha A, Kumari B, Basu M, Mitra S, Das K, Kamilya G, Baidya A, Maiti A, Bhattacharyya D, Mukhopadhyay P, Ghosh S. Nonobese PCOS Compared to Obese PCOS Have Similar Clinical Presentation, Hormonal Profile, and Insulin Resistance. Clin Endocrinol (Oxf). 2025 Oct;103(4):567-579.
24. Bakshi S, Chattopadhyay P, Ahammed M, Das R, Majumdar M, Dutta S, Nath S, Ghosh A, Bhattacharjee U, Baskey U, Sadhukhan PC. Efficacy of Different Combinations of Direct-Acting Antivirals Against Different Hepatitis C Virus-Infected Population Groups: An Experience in Tertiary Care Hospitals in West Bengal, India. Viruses. 2025 Feb 16;17(2):269.

RESEARCH PROJECTS AND ACTIVITY

Ongoing Projects:

Central Government funded:

1. **"Exploring the molecular mechanism of downregulation of the beneficiary microRNAs in hepatocellular carcinoma- a study to identify the potential therapeutic targets"**
Sanction order.: CTU/PM-ABHIM/17/10/34/2023-ECD-II, Date: 9-5-23)
PI: Prof. Soma Banerjee, Co-PI: Dr. Sk. Mahiuddin Ahammed
Funding agency: Indian Council of Medical Research, Government of India
Period: 2023-2026**.**

2. **Exploring the role of circular-RNA, hsa_circ_00018414 in retaining chemo-resistance to the hepatocellular carcinoma cells.**
PI: Prof. Soma Banerjee, Co-PI: Dr. Sk. Mahiuddin Ahammed
Funding Agency: Multidisciplinary Research Unit (MRU) of IPGME&R.
Period: 2023-2025

3. **Understanding the interaction between Hepatitis B virus and host complement system and its implication on immune cell function and disease pathogenesis"**
Sanction order No. VIR/10/2020/ECD-I
PI: Prof. Simanti Datta, Co-PI: Dr. Sk Mahiuddin Ahammed
Funding Agency: Indian Council of Medical Research, Government of India
Period: 2022-2025.

4. **Investigating the impact of Hepatitis B virus on host Vitamin D metabolism during chronic infection: implication in disease pathogenesis.**
Sanction order: CSIR 37WS (0124)/2023-24/EMR-II/ASPIRE dated 20.06.24
PI: Prof. Simanti Datta, Co-Investigator: Dr. Sk Mahiuddin Ahammed
Funding Agency: CSIR
Period: 2024-2027

5. **Real time longitudinal assessment of diet and its inflammatory component in patients with inflammatory bowel disease from India: a prospective cohort study.**
PI: Prof G K Dhali, Co-PI: Prof Rajib Sarkar
Funding Agency: ICMR
Period: 2024-2026

6. **INDIAn asymptomatic gallStones: natural course and their predictors. (INDIASTONE STUDY)**
PI: Dr. Debashis Misra, Co-PI: Prof Abhimanyu Basu, Dr Avik Sarkar, Dr Ranajoy Ghosh
Funding Agency: ICMR
Period: 2024-2027

7. **Decoding the phenotypic, functional and metabolic variability of neutrophils during the progressive stages of chronic HBV infection**
Sanction order: BT/PR56238/BMS2/156/121/2024

PI: Prof. Simanti Datta
Co-Investigator: Dr. Sk Mahiuddin Ahammed
Funding Agency: Department of Biotechnology
Period: 2025-2028

State Government funded

1. **Genome wide CRISPR/CAS9 library screening to identify the driver genes for sorafenib resistance of hepatocellular carcinoma (HCC) targeting which might reprogram stem-like HCC cells and enhance chemosensitivity.**
Sanction Order: 2294(Sanc.)/STBT-13015/5/2024-WBSCST SEC
PI: Prof. Soma Banerjee, Co-PI: Dr. Sk. Mahiuddin Ahammed
Funding Agency: Department of Science & Technology and Biotechnology, Government of West Bengal
Period: 2024-2027.

2. **Insights into B cell immunity in Chronic Hepatitis B Virus infection.**
Sanction order: 1356(Sanc.)/STBT-11012(19)/21/2021-ST SEC]
PI: Prof. Simanti Datta Co-Investigator: Prof. Kaushik Das

Funding Agency: Department of Science & Technology and Biotechnology, Government of West Bengal
Period: 2022-2025.

3. **A cross-sectional study to compare intestinal permeability in lean Non-alcoholic Steatohepatitis (NASH) subjects with overweight /obese NASH subjects.**
PI: Prof Rajib Sarkar, Co-PI: Prof Kaushik Das
Funding Agency: Department of Science & Technology and Biotechnology, Government of West Bengal
Period: 2024-2027

4**. Insight of anti-tubercular drug, Isoniazid induced chronic liver injury leading to development of hepatic fibrosis: an in- vitro study**
Sanction order: 1360(Sanc.)/STBT-11012(19)/30/2021- ST SEC
PI: Dr Suman Santra, Co-Investigator: Prof GK Dhali
Period: 2022-2025

SERVICE INFORMATION

OPD service

OPD Service	New Patients	Old Patients	Total Patients
GE OPD	105755	45826	151581
Hepatology OPD	13084	13905	26989
Pediatric Gastroenterology	3823	2736	6559
NVHCP OPD	5161	17545	22706
IBD clinic	927	5584	6511
Liver transplant OPD	341	466	807
GI Surgery OPD	6413	6440	12853

Indoor service

Indoor service	Total Patients
GE indoor admission	793
Hepatology indoor admission	357
Observation ward & Cabin admission	336
OPD building admission	125
GI Surgery indoor admission	590
Polyclinic indoor admission	3206

Endoscopy procedures at SSKM	
Upper GI Endoscopy Diagnostic	8540
Upper GI Endoscopy Therapeutic	1956
Colonoscopy	3777
ERCP	2001
POEM	42
APC	337
Polypectomy	146
Esophageal Dilatation	533
Fibro Scan	1434
Liver Biopsy	98
Endoscopic Ultrasound	427
Double Balloon Enteroscopy	71
Capsule Endoscopy	48
Esophageal manometry	257
Anorectal manometry	120
24-h Esophageal pH impedance	260
Impedance study	4
Biofeedback	66
EGG	5
ITU services	
Total admitted (New admissions + Transfer in)	345 (50+295)
Death	119

Endoscopy procedures at PG polyclinic	
Upper GI Endoscopy - diagnostic	4398
Upper GI Endoscopy -therapeutic	778
Colonoscopy	3007
ERCP	321
Pathology services	
Surgical biopsy	572
Endoscopic biopsy	3023
FNAC	342
Review biopsy	112
Liver biopsy	370
M cell block	356
GE lab services	
Body fluid analysis	2167
Hematology CBC	14245
Peripheral blood smear	245
PAP cytology – Fluid	576
Biochemistry - Routine	250866

Radiology services	
Radiology procedures	**Number**
Diagnostic Ultrasound	11067
PTBD	190
PCD	879
FNAC	496
PAIR	4
US guided biopsy	1071
Single time aspiration	353
HVPG	2
TJLB	19
RFA	4
TACE	15
TIPS/DIPS	5
Angioembolization	53
Venoplasty	17
Central line	37
Diagnostic DSA	48
PARTO/BARTO	13
Vascular stenting	3
Flow diversion	2
Cholangiogram	1
Lymphangiogram	10
Laser ablation of varicose vein	1

Gastrosurgery Services	
Operative procedures	**Number**
Surgery for Chronic Pancreatitis	40
Whipple's Operation	48
Biliary Stricture	40
Recurrent Pyogenic Cholangitis	50
Extended Cholecystectomy	10
Lap/ Open Cholecystectomy	19
CBD Exploration	18
Shunt Surgery	27
Liver Resection	30
Colon/ Rectum (including 7 colon pull ups and 10 IPAA/Pouch surgery)	50
Small bowel	32
Stomach/ Esophagus	12
Excision of Choledochal Cyst	45
Liver Transplantation	5
Miscellaneous	70
Minor procedures	18
Total	514

Surgery

FACULTY

Name	Designation
Dr. Bitan Kumar Chattopadhyay	Professor (Re-employment)
Dr. Abhimanyu Basu	Professor and Head of the Department
Dr. Diptendra Kumar Sarkar	Professor
Dr. Gautam Das	Professor
Dr. Santanu Sinha	Professor
Dr. Shamita Chatterjee	Professor
Dr. Sandip Kumar Ghosh	Professor
Dr. Saurabh Das	Associate Professor
Dr. Pranab Kumar Mandal	Associate Professor
Dr. Anowar Ali Mallick	Associate Professor
Dr. Rinki Das	Associate Professor
Dr. Amit Samanta	Associate Professor
Dr. Gourav Narjinari	Assistant Professor
Dr. Sabyasachi Bakshi	Assistant Professor
Dr. Amit Kumar Das	Assistant Professor
Dr. Seraj Ahmed	Assistant Professor
Dr. Rudradeep Banerjee	Assistant Professor
Dr. Arunava Ghosh	Assistant Professor
Dr. Pritin Kumar Bera	RMO Cum Clinical Tutor
Dr. Rahul Biswas	RMO Cum Clinical Tutor

Senior Residents

- Dr. Sukanya Das
- Dr. Md. Hamim Alam
- Dr. Himani Sikdar
- Dr. Shuvam Dutta
- Dr. Sayan Das
- Dr. Sayak Palit

Postgraduate Trainees

Session 2024-27 (JR1)	Session 2023-26 (JR2)	Session 2022-25 (JR3)
Dr. Prachi Mittal	Dr. Mayukh Sajjan	Dr. Lopamudra Bose
Dr. Kreetii Shubh	Dr. Joydeb Goswami	Dr. Shrobona Sengupta
Dr. Tania Dey	Dr. Soumyadeep Sinha	Dr. Mohd. Rafae Umar
Dr. Sneha Mittra	Dr. Sunetra Das	Dr. Mahidul Afridi
Dr. Subho Saha	Dr. Tulsi Kumar Murmu	Dr. Niharika Baraik
Dr. Rishik	Dr. Arijit Ghosh	Dr. Pamela Sanyal
Dr. Chirag Ashish Sarkar	Dr. Kartick Saha	Dr. Sayantan Dutta
Dr. Mahaseen Islam	Dr. Indrani Ruidas	Dr. Sayan Prakash Moral
Dr. Pradyot Ram	Dr. Mahbub Islam	Dr. Arnab Chowdhury
Dr. Tanjira Begum	Dr. Koushiki Maulik	Dr. Aritra Roy
Dr. Sourav Chatterjee	Dr. Ruchishree Saha	Dr. Srinjay Maji
Dr. Debojit Sarkar	Dr. Anisul Islam	Dr. Sourav Mahapatra
Dr. Sumit Duley	Dr. Sukhendu Dua	Dr. Bidesh Chatterjee
Dr. Jayanta Halder	Dr. Akash Gupta	Dr. Gourab Roy
	Dr. Arup Majumdar	Dr. Riju Mondal
	Dr. Rajeev Kumar	Dr. Purnendu Samanta
	Dr. Tanup Kumar Das	Dr. Chinmay Biswas
	Dr. Satish Kaushik	Dr. Tanmoy Ghosh

RESEARCH SCHOLARS AND NON-TEACHING STAFF

- Mr. Rajesh Mallick - Group D Staff
- Mr. Pradip Mondal – Junior research fellow, DST-BT project

TRANSFERS, POSTINGS AND SUPERANNUATIONS

Transfer in –

1. Prof. Dr. Sandip Kumar Ghosh – from Burdwan Medical College and Hospital on 31st January 2025.
2. Dr. Arunava Ghosh – from Bankura Sammilani Medical College and Hospital on 12th February 2025.

DEPARTMENTAL NEWS

Beside regular post graduate academic activities, the department of General Surgery conducts MDT meets (Multi-disciplinary team meet) held on every Tuesday from 1.30 pm – 2.30 pm. to provide the best possible care for all the Breast Cancer Patients getting treatments in the Comprehensive Breast Services, IPGME&R. Faculties and trainees from General Surgery, Radiotherapy, Radiology and Pathology use to take active parts in the MDTs. Further, the Department of General Surgery also organized following-

1. Laparoscopic cholecystectomy drive was organized in the 2nd week of February 2025 to manage the overwhelming cases of gall stone disease at SSKM Hospital. A total of 169 Laparoscopic cholecystectomies were performed in a span of 5 days.
2. Live workshop on Laser proctology on 21st April 2025 in association with WB-ASI and East Zone AMASI. Eminent national and local faculties operated in that workshop.
3. Observership program for Laparoscopic Groin Hernia repair joined by 2 delegates from 23rd to 25th April 2025.
4. Laparoscopic groin hernia repair: Good Clinical Practice with Live Workshop on LGHR (Laparoscopic Groin Hernia Repair) on 26th April 2025 in association with WB-ASI and East Zone AMASI.
5. Initial trauma assessment session for 1st year Junior Residents of the Department of General Surgery was organized at the Trauma Care Centre on 9th – 10th June 2025.
6. The departmental gold medal examination took place on 26th July 2025(Theory) and 31st July – 1st August 2025(Practical). Dr. Gourab Roy ranked first in the examination and received the gold medal.
7. Nursing training Workshop was organized under the banner of ABSICON 2025 Kolkata on 1st August 2025 by Comprehensive Breast Services, IPGME&R, Kolkata.
8. Regional Refresher Course for East Zone and TYSA competition, under the banner of ASI, was held from 22nd to 24th August 2025 in the lines of MS/DNB Examination. The course encompassed hands on workshops as well as case presentations, with examiners from various Medical Colleges of the East Zone (Orissa, Bihar, Jharkhand, West Bengal and North East).
9. The annual Under Graduate Academic Program 2025 was held from 16th – 19th September 2025 where the Department of General Surgery organized the following- Breast Skill course, Basic Surgical Skill Workshop and the Endosuturing Workshop.
10. Pink Corridor: 25 years of Breast Service at Comprehensive Breast Clinic, IPGME&R and SSKM Hospital, Kolkata – An initiative by Department of Health and Family Welfare, KMC and Comprehensive Breast Services, IPGME&R, Kolkata (under the banner of ABSI) was organized on 25th October 2025. A training programme on Awareness and Early Detection of Breast diseases was held for more than 500 Urban ASHAs.
11. Session on Methodological Framework was organized by Department of General Surgery, with talk from Dr. Ruparna Ghoshal on 21st November 2025.

ACADEMIC ACTIVITIES OF FACULTY

Prof. Abhimanyu Basu
Professor & Head, Dept of General Surgery

Publications
- Mitochondrial proteome analysis reveals that an augmented cytochrome c oxidase assembly and activity potentiates respiratory capacity in sarcoma. M Bedi, S Das, J Das, S Mukherjee, A Basu… - Biochemical and Biophysical Research, 2024 - Elsevier
- Thrombin confers chemotherapeutic resistance by promoting transcriptional induction and post-translational stabilization of pro-survival MCL1 in TNBC. S Paul, A Chatterjee, K Das, A Ray, A Basu… - Journal of Biological Chemistry, 2025 - jbc.org
- FVIIa-PAR2 signaling facilitates immune escape by reducing phagocytic potential of macrophages in breast cancer
- …, S Paul, A Chatterjee, S Mandal, A Basu… - Journal of Thrombosis and Haemostatis, 2025 - Elsevier

Conferences Attended as Faculty
- ISGCON-WB at Ajodhya Pahar, Purulia (1-2 February, 2025)
- AMASICON 2025 at Jaipur (27-30 August, 2025)
- GEM LAPAROSURG 2025 at Coimbatore (20-22 November, 2025)

Organising Chairman and Faculty in
1. Lap Drive Laparoscopic cholecystectomy camp, IPGMER and SSKM, February 2025
2. Laser proctology workshop, IPGMER and SSKM, April 2025
3. Laparoscopic groin hernia workshop, IPGMER and SSKM, April 2025

Prof. Diptendra Kumar Sarkar
Professor, Dept of General surgery

Publication
1. ABSI 2025 Consensus Guidelines on the Management of Breast Cancer in Low- and Middle-Income Countries :Indian Journal of Surgical Oncology ;DOI: 10.1007/s13193-025-02429-y September 2025
2. Cross-regulation between FOXC1 and OCT4/SOX2 ensures acquisition of chemoresistance in breast cancer stem cells: Amendment by hsa-miR-5688 Molecular Therapy Oncology 33(2):200982 DOI: 10.1016/j.omton.2025.200982April 2025
3. Spectrum of Parathyroid Surgery in PrimaryHyperparathyroidism in Eastern India, Kolkata December 2024 19(11):125-130 DOI: 10.36478/makrjms.

Committee affiliations
1. Immediate Past President, Association of Surgeons of India, WB state chapter
2. Faculty for Surgical trainers , RCSED
3. Founder member of Global Breast Hub
4. Member – Expert Committee , for preparation of SWF, ICMR
5. Member – Expert Committee ICMR Major Grant Evaluation committee
6. State Coordinator , Breast Cancer Screening Program
7. Member, West Bengal Cancer care program
8. Member, State Surgical Guideline committee
9. Member , AMR working group , Govt of West Bengal

Research Projects
1. DST funded : 1
2. WHO -IARC funded : 1

International presentation
- Association of Breast Surgery , UK Key note address
- Breastrix 25

National Conference presentation
Invited Lecture : Around 30

Examinership
MRCS (Colombo, Kolkata)

Special clinic
Comprehensive Breast Services and Breast Cancer research Unit. The unit has got a research unit and runs survivorship program and MDTs. From 2023 the Unit has started PDCC course in Breast Surgery (2 posts).

Organizing activities
1. Annual Conference of The Association of Surgeons of India (ASICON 2025)
2. Organized Breast Cancer CME & Survivorship Program.
3. WHO-IARC training for Medical Officers in association with Dept of Health and Family Welfare
4. MRCS examination at Kolkata
5. Initiation of Breast cancer screening and early detection program under KMC

Nominated as
The faculty for Surgical trainers, RCSEd
The faculty for Training and education committee, ABS, UK

Prof. Shamita Chatterjee
Professor, Department of General Surgery

Presentations

Initial assessment of a polytrauma patient	Shantiniketan Medical College	April 2025
Initial assessment of a polytrauma patient	Hopecon	June 2025
Clinical examination and imaging of breast	MGM Medical College, Kishanganj	July 2025
Management of LABC	MGM Medical College, Kishanganj	July 2025
Is formation of dedicated Trauma Centres the way forward for managing polytrauma patients in India?	Tripura ASI	Nov 2025
Trauma scenarios – Interactive discussion	ASICON	Dec 2025

Conferences attended

1.	Hopecon	Kolkata	June 2025
2.	Breast Cancer CME	MGM Hospital, Kishanganj	July 2025
3.	Benign Anorectal Disorders	Medical College, Kolkata	Aug 2025
4.	ABSICON	Kolkata	Aug 2025
5.	Breast oncoplasty workshop	Kolkata	Nov 2025
6.	ASI – Tripura	Tripura	Nov 2025
7.	ASICON	Kolkata	Dec 2025

ATLS

1.	ATLS Course Director	Medica Superspecialty Hospital, Kolkata	Feb 2025
2.	ATLS Instructor	Medica Superspecialty Hospital, Kolkata	May 2025
3.	ATLS Course Director	CMC Vellore	July 2025
4.	ATLS Course Director	Manipal Hospitals, EM Bypass, Kolkata	Aug 2025
5.	ATLS Instructor	Manipal Hospitals, EM Bypass, Kolkata	Nov 2025

Ongoing Projects

1.	To study the effectiveness of Trauma Quality Improvement Programs (TQIP's) in improving Trauma Care outcomes at Tertiary Care Hospitals in India.
4.	Effects of Advanced Trauma Life Support® Training Compared to Standard Care on Adult Trauma Patient Outcomes: A Cluster Randomised Trial

- Member of specialist board in General Surgery, NBE.
- Member of specialist board in Breast Surgery, NBE.
- Member of State Level Expert Committee for Trauma
- Member of Editorial Board, Annals of Medical Science and Research
- National Lead, ASI-Emergency Trauma Life Support

- National Executive Committee member of Association of Surgeons of India.

Prof. Gautam Das
Professor, Dept of General Surgery

Attended
- ASICON 24, December 24, Agra
- SASICON, May25, Jalpaiguri
- Laparosurge NOV,25, Coimbatore
- CME ASI state chapter in Medical College as faculty

Guide
- Several Thesis/Dissertations of PGTs

Co-guide
- Several Thesis/Dissertations PGTs of other departments, Pathology and biochemistry.

Publications
- Abdominal Tuberculosis and Mimickers: A Diagnostic Dilemma and the Role of Early Surgical Exploration in Ambiguous Cases DOI: 10.36106/ijsr/9810573 International Journal of Scientific Research Jan 2025 Dr D.S. Purkayastha, Dr A.A. Mallick, Prof G. Das
- Inguinal Hernia Mesh Infections: Chronic Challenges, Atypical Pathogens and Lessons in Sterilisation DOI: 10.1177/00494755241313152 Tropical Doctor Apr 2025 Dr D.S. Purkayastha, Dr A.A. Mallick, Prof G. Das
- Superior Mesenteric Artery First Approach versus Conventional Pancreaticoduodenectomy in Periampullary Adenocarcinomas: A Single Institutional Observational Study Dwaipayan Samaddar, Jaya Bagchi Samaddar, Bibaswan Chakrabarty, Gautam Das

Dr. Saurabh Das
Associate Professor, Dept of General Surgery

Publications:
- A Study of Clinico-Epidemiological Profile, Management and Outcome of Acute Intestinal Obstruction in a Tertiary Care Hospital, published in International Journal of Current Pharmaceutical Review and Research 2025; 17(9); 464-470
- A Clinical Study on patients undergoing Extended Cholecystectomy for Gallbladder Cancer with Special Emphasis on Short-term outcome: Saurabh Das, Arindam Das, Snehasish Saha, Asian Journal of Medical Sciences (Nov 2025), Vol. 16, no. 11, pp. 110 – 118, https://doi.org/10.71152/ajms.v16i11.4732
- RAMPS for Distal Pancreatic Tumours: Our Experience, published in IJMEDPH Journal September 2025, Int J Med Pub Health 2025; 15(3); 3472-3479

Dr. Pranab Kumar Mandal
Associate Professor, Dept of General Surgery

- Performed as Operating Surgeon and faculty in Laparoscopic Cholecystectomy (Lap Drive) camp held at IPGMER in February 2025.
- Organizing Secretary of LASER PROCTOLOGY Workshop held on 21/04/2025 at IPGMER, Kolkata.
- Faculty and a talk on Groin Anatomy in Laparoscopic Groin Hernia workshop held on 26/04/2025 at IPGMER, Kolkata.
- Attended the 3rd INTERNATIONAL Conference of AWRSC … AWR Surge Deep Impact held at Chennai , India from 6th to 9th March , 2025 and participated in the eTEP excellence course.
- Delivered talk as faculty at 120th AMASI Skill course and FMAS Examination held at ESI Joka from 14/11/2025 to 16/11/2025.
- Participated as Delegate at Laprosurg, Coimbatore 2025.
- Coordinator Cadaveric Workshop, ASICON 2025.
- Presented a paper on Outcomes of TAR in Giant Hernias in ASICON 2025.

Dr. Rudradeep Banerjee

Assistant Professor, Dept of General Surgery

Publication -

- Sarkar, Diptendra & Dutta, Subhranshu & Banerjee, Rudradeep & Roy, Ronit & Basu, Srija & Bose, Lopamudra. (2025). From delay to timely care - Revolutionizing breast cancer care with the pink corridor initiative: A decentralized model from West Bengal India. European Journal of Surgical Oncology. 51. 109886. 10.1016/j.ejso.2025.109886.

Conference Attended as faculty

- MIDCON ABSI Udaipur , March 2025
- Modular Course , WBASI , July 2025
- SASICON 2025, Jalpaiguri
- SASICME 2025 , Kolkata
- ASICON 2025, Kolkata

Research Project - DST Project , As CO-PI

Dr. Amit Kumar Das
Assistant Professor, Department of General Surgery

- Presented Faculty video on "Revision Parathyroidectomy" in SASICON 2025
- Presented Faculty video on "Redo hepaticojejunostomy" in ASICON 2025
- Presented Faculty Paper on "Post-ERCP Bile Duct Exploration – A single unit audit" in ASICON 2025
- Convenor of Nursing Skill Course in ASICON 2025
- Served as Faculty in Live Operative Workshop and Cadaveric Workshop, ASICON 2025
- Conferences attended: IHPBA India 2025, SASICON 2025, ASICON 2025

Dr. Sabyasachi Bakshi
Assistant Professor, Dept of General Surgery

Publications

- Original article title: Pre-Operative C-Reactive Protein to Albumin Ratio (CAR) As Predictor of Post- Operative Anastomotic Leak in Elective Gastro-Intestinal Surgery is under peer review process in TURKISH JOURNAL OF SURGERY.
- Original article title: Comparison between BISAP score and Ranson's Criteria as an early predictor of disease severity in acute pancreatitis is under peer review process in TURKISH JOURNAL OF SURGERY.
- Case report title: A rare case of nodular hidradenoma of male breast mimicking carcinoma is under peer review process in The Surgical Case reports.

Examiner: appointed as external examiner of

- Final BDS Examination of WBUHS
- Final DOTT Examination of WBUHS

Attended

- Advanced Coloproctology Course 2025 by Association of Coloproctology of Great Britain and Ireland
- BCME Course June, 2025, coordinated by NMC Regional Centre Andhra Medical College, Visakhapatnam.
- Advanced Laparoscopic Hernia Surgery Course 2025 in IPGMER, Kolkata
- Laser Proctology Course 2025 in IPGMER, Kolkata
- Expert Panel Discussion on : Management of hemorrhoids with medical therapy as adjuvant treatment on 18.01.2025

Awards

- FMAS: Fellowship of Association of Minimal Access Surgeons of India (AMASI), India
- FAIS: Fellowship of ASI (Association of Surgeons of India), India

Dr. Seraj Ahmed
Assistant Professor, Dept of General Surgery

- Completed Robotics Training course, March 2025, and working as one of the lead surgeons in Robotic Surgeries in IPGMER and SSKM
- Publication: A Prospective, Single-blind, Randomized, Multi Centre, Study to Assess the Clinical Equivalence of Trutie® Ligating Clips to Ligaclip® Ligating Clips in Laparoscopic Cholecystectomy; Sanjay Kala, Seraj Ahmed, Prashant V Rahate, Srikant Kulkarni, Ramendra Kumar Jauhari', Anurag Singh, Abhishek Kumar Gond', Nabarun Manna, Ashok Kumar Moharana, Deepak TS

ACADEMIC ACTIVITIES BY SENIOR RESIDENTS

1. Dr. Sukanya Das
- Presented Paper on "Comparison of Outcomes of Breast Surgery using Electrocautery and Ultrasonic Scissors: A Prospective Observational Study" in ASICON 2025
- Conferences attended: ABSICON 2025, ASICON 2025, 120th AMASI Skill Courses and FMAS Examination
- Workshops attended: Laser Proctology Workshop (IPGMER) in April 2025, Laparoscopic Groin Hernia Repair Workshop (IPGMER) in April 2025
- Academic achievements: Cleared MRCS Part-A (England) in September 2025, DNB Exit Examination (New Delhi) in October 2025 and FMAS Examination in 120th AMASI Skill Course, November 2025

2. Dr. Md. Hamim Alam
- Workshops Attended: Laser Proctology Workshop (IPGMER) in April 2025, Laparoscopic Groin Hernia Repair Workshop (IPGMER) in April 2025, Laser Proctology Workshop, Medica Superspeciality Hospital in August 2025
- Conferences Attended: ASICON 2025

3. Dr. Himani Sikdar
- Attended ATLS Provider Course in November 2025 under auspices of KGMU Lucknow.

4. Dr. Sayan Das
- Conferences attended: ASICON 2025, 120th AMASI Skill Courses and FMAS Examination
- Workshops attended: Laser Proctology Workshop (IPGMER) in April 2025, Laparoscopic Groin Hernia Repair Workshop (IPGMER) in April 2025
- Academic achievements: Cleared MRCS Part-B (England) in May 2025 and officially affiliated with Royal College of Surgeons, England in November 2025, Cleared FMAS Examination in 120th AMASI Skill Course, November 2025

5. Dr. Sayak Palit
- Conferences attended: ABSICON 2025, ASICON 2025, 120th AMASI Skill Courses and FMAS Examination
- Workshops attended: Laser Proctology Workshop (IPGMER) in April 2025, Laparoscopic Groin Hernia Repair Workshop (IPGMER) in April 2025
- Academic achievements: Cleared MRCS Part-A (England) in September 2025, DNB Exit Examination (New Delhi) in October 2025 and FMAS Examination in 120th AMASI Skill Course, November 2025

THESIS TOPICS OF GENERAL SURGERY IN THE SESSION 2022-2025 (JR3)

SN	Name	Topic
1	**Chinmoy Biswas**	A progressive study evaluating the role of MRI in diabetic foot infection patients.
2	**Lopamudra Bose**	A study to assess residual axillary disease post NACT in breast Cancer patients with needle biopsy proven nodal metastasis at presentation
3	**Mohd. Rafae Umar**	A study on perioperative complications in laparoscopic hernia operations
4	**Shrobona Sengupta**	A study on relationship between cyclical mastalgia and health and behavioral factors among women of reproductive age group

5	**Mahidul Afridi**	Average duration of fistula output reduction by half using VAC therapy in enterocutaneous fistulas.
6	**Niharika Baraik**	Comparison of blood culture between peripheral venous blood and central venous catheter blood in patients with or without surgical wound
7	**Sayan Prakash Moral**	A comparative analysis of the effectiveness of Topical Nifedipine and Diltiazem in the Treatment of Anal Fissure
8	**Pamela Sanyal**	A comparative study on the effectiveness of ERAS (enhanced recovery after surgery protocol) Vs conventional protocol in open gastrointestinal surgery
9	**Sayantan Datta**	A comparative study of application of superoxidized solution and topical heparin in a case of diabetic foot ulcer in a tertiary care hospital
10	**Arnab Chowdhury**	Clinical study on thyroid cancer with emphasis on correlation among clinical staging, imaging and pd-II expression
11	**Aritra Roy**	A study on colorectal carcinoma with special emphasis on biomarkers including MSI gene(MLH 1, MLH 2, MSH 6 and PMS2).
12	**Tanmoy Ghosh**	Pre operative assessment of neo adjuvant chemotherapy response in LABC with special reference to receptor expression status.
13	**Sourav Mahapatra**	Changing trends of colorectal cancer site and distribution in eastern India: a tertiary care institutional based observational study.
14	**Bidesh Chatterjee**	A prospective observational study of quadrant and clock wise distribution of breast lump with clinical and radiological corroboration in a tertiary care center in West Bengal.
15	**Srinjay Maji**	A study of outcome of open transversus abdominis release in ventral hernia repair
16	**Riju Mandal**	A clinicopathological and molecular study on the progression of colorectal polyp into colorectal carcinoma.
17	**Purnendu Samanta**	Understanding breast cancer genes for progression and metastasis a hospital-based cross-sectional study.
18	**Gourab Roy**	A molecular study on the correlation of wall thickness with nonmalignant and malignant gallbladder.

THESIS TOPICS OF GENERAL SURGERY IN THE SESSION 2023-2026 (JR2)

SN	**Name**	**Topic**
1	**Mayukh Sajjan**	Evaluation of a portable ultrasound device to triage the women positive on clinical breast examination by trained healthcare workers and medical officers
2	**Joydeb Goswami**	Primary breast reconstruction following mastectomy using autologous latissimus dorsi muscular flap- study on outcomes and limitations.
3	**Soumyadip Sinha**	Assessment of MGAP score in in-hospital trauma patients: a comparative analysis with TRISS, ISS, and NISS scores.
4	**Sunetra Das**	A comparative study evaluating RDW:platelet count as a severity marker in acute pancreatitis.

5	**Tulsi Kumar Murmu**	Serial estimation of serum calcium and phosphate in first post-operative week after total thyroidectomy.
6	**Arijit Ghosh**	A comparative study between pre-operative study of MR fistulogram or x-ray fistulogram with intra-operative findings of perianal fistula.
7	**Kartick Saha**	Incidence of laparotomy among patients of blunt abdominal trauma admitted in a level-I trauma center in the era of non-operative management.
8	**Indrani Ruidas**	Comparison of thoracic trauma severity score (TTSS) with ISS, NISS and RTS in chest trauma patients for prediction of outcome at a level 1 trauma center.
9	**Mahbub Islam**	Prevalence of peripheral vascular disease and peripheral neuropathy among adult patients with diabetic foot ulcer and their impact on limb salvage
10	**Koushiki Maulik**	A clinical study on post-ERCP biliary stone management in a tertiary care center.
11	**Ruchishree Saha**	Charting Rouviere's sulcus: a tertiary care hospital observation on anatomical variations and their impact on laparoscopic cholecystectomy's dissection.
12	**Anisul Islam**	Spectrum of ventral hernia treated in a tertiary care hospital with special reference to classification & management.
13	**Sukhendu Dua**	A study to determine rate of recurrence and complications in patient of fistula-in-ano undergoing fistulectomy with or without primary sphincter repair.
14	**Akash Gupta**	A prospective observational study on incidence of neoplastic lesion in gall stone disease and it's management in a tertiary care hospital.
15	**Arup Majumdar**	Prospective observational study of progression of asymptomatic gall bladder polyp by serial USG.
16	**Rajeev Kumar**	Incidence of ERCP failed CBD clearance and factor associated with the failure
17	**Tanup Kumar Das**	To study correlation between chronic stress inflammatory markers and gastric carcinoma.
18	**Satish Kaushik**	Quantitative analysis of ccl20 and il-16 as biomarkers for early detection in gallbladder cancer, cholelithiasis and healthy controls.

ACADEMIC ACTIVITIES BY JUNIOR RESIDENTS

JR - 3

Dr. Shrobona Sengupta
ASICON 2024
PAPER- Immune Evasion in Microenvironment of Breast Cancer
PAPER- A Study on The Relationship Between Mastalgia, Obesity, Dyslipidemia and Metabolic Syndrome
POSTER- Anthropometric Assessment of Indian Breasts: A foundation for enhanced surgical outcomes
ABS UK, 2025
POSTER- The Real-world impact of CanAssist Breast Test on patient Treatment
SASICON 2025
PAPER- A Study on The Relationship Between Mastalgia, Obesity, Dyslipidemia and Metabolic Syndrome
POSTER- A Study on The Relationship Between Mastalgia, Obesity, Dyslipidemia and Metabolic Syndrome

Dr. Mohd. Rafae Umar
ASICON 2024
Best paper award: Survivin and Caspase 3- New Era in prognostication of breast cancer

SASICON 2025
Poster presentation: Transforming CBE training with virtual reality - A step towards better breast cancer screening in LMI countries - A pilot study

Dr. Lopamudra Bose
ASICON 2024
Paper- Hidden Financial crisis in treatment of breast cancer patients
SASICON 2025
Paper- A study to assess the residual axillary burden in post NACT breast cancer patients with needle biopsy proven positive nodal metastasis
ABS 2025
Poster- The Price of Delay- A study to assess delay in treatment of breast cancer patients in a tertiary care unit and district hospital

JR - 2

Dr. Soumyadeep Sinha
ASICON 2024
Poster- Rethinking surgery for ectopic mediastinal parathyroid adenoma: embracing minimalism as a standard of care
Paper- Assessing the efficacy and cosmetic outcome of dermoglandular matrix rotation flap in breast conservation surgery: "a comprehensive study in breast reconstruction
SASICON 2025
Paper- Beyond the Needle: The Overlooked Financial Burden of Free Breast Cancer Treatment in India
Poster- Pseudoaneurysm peril- a vascular timebomb after laparoscopic cholecystectomy
ABSICON 2025
POSTER- Decoding breast cancer recurrence risk in Indian women: the role of CanAssist Breast
ASICON 2025-
Paper-Assessment of MGAP Score in In-Hospital Trauma Patients: A Comparative Analysis with TRISS, ISS, and NISS Scores
Poster- Beyond the Needle: The Overlooked Financial Burden of Free Breast Cancer Treatment in India

Dr. Joydeb Goswami
ASICON 2024
Poster: Reverse axillary mapping to reduced incidence of lymphedema post ALND.
Paper: cfDI for evaluation of Bethesda category 3 and 4 thyroid nodule.
SASICON 2025
Poster: Indian breast anthropometry and role in tailored surgical approach in Indian population
ABSICON 2025
Poster: A STUDY TO ASSESS RESIDUAL AXILLARY DISEASE IN POST NACT BREAST CANCER PATIENTS WITH BIOPSY PROVEN NODAL METASTASIS AT PRESENTATION

Dr. Mayukh Sajjan
ASICON 2024
Poster: BUSS score
Paper: The financial burden of chemotherapy in breast cancer
SASICON2025
Poster: T regulatory cells in breast cancer micro environment
Paper - Interim analysis of PUD pilot trial - a WHO initiative
ABSICON 2025
Poster: Portable ultrasound device in triaging breast lump in indian setting - an interim study

Dr. Indrani Ruidas
SASICON 2025
Poster - TB OR NOT TB: THYROID PULLS A MALIGNANT PRANK

Dr. Kaushiki Maulik
SASICON 2025
Poster: From ruptured abscess to rare TB: A case of splenic tuberculosis.
Paper:-post ERCP cholecystectomy: challenges and aftermaths in a tertiary care center.

Dr. Ruchisree Saha
SASICON 2025
Paper- Mapping Rouviere's Sulcus: Anatomical Insights and Surgical Relevance in a Tertiary Care Experience
Poster- A rare case of synchronous gallbladder carcinoma and renal cell carcinoma in an asymptomatic patient

Dr. Sukhendu Dua
SASICON 25
Poster presentations - on Mucinous carcinoma of colon, a rare finding
ASICON 2025:
Poster - Umbilical endometriosis with umbilical hernia a rare clinical entity
Paper - A STUDY TO DETERMINE RATE OF RECURRENCE AND COMPLICATIONS IN PATIENT OF FISTULA IN ANO UNDERGOING FISTULECTOMY WITH OR WITHOUT PRIMARY SPHINCTER REPAIR

Dr. Arup Majumdar
ASICON 2025
Poster - "Malrotation of gut in an adult - A case report"

JR – 1

Dr. Kreetii Shubh
ABSICON'25
POSTER: Mastalgia: A Symptom with Systemic Implications
SASICME'25
POSTER: Distal Pancreatectomy for Traumatic Pancreatic Injury followed by
Persistent Pancreatico-Cutaneous Fistula: A Case Report
PAPER: Cell Free DNA Integrity Index- A study on evaluation of different diagnostic modalities in Thyroid Pathology.
ASICON'25
POSTER: A rare retroperitoneal Neurofibroma masquerading as an Abdominal Lump
PAPER: Single Dose or More? An audit on antibiotic prophylaxis in clean surgeries.

Dr. Tania Dey
ASICON 2025
Paper: Cell Free DNA Integrity Index -
A Study on Evaluation of Different Diagnostic Modalities in Thyroid Pathology
Poster: BUSS SCORE-A SIMPLE RISK ASSESSMENT SCORE FOR USING ULTRASOUND AS A BREAST CANCER SCREENING TOOL IN WEST BENGAL-INDIAN SOLUTIONS TO INDIAN PROBLEM
SASICME 2025
Paper: SURVIVIN & CASPASE-3, NEW ERA IN PROGNOSTICATION IN BREAST CANCER
Poster: A tale of whirlpool and corkscrew in abdomen, A case series on adult midgut volvulus
ABSICON 2025
Poster: Life After Diagnosis: Navigating Chemotherapy's Impact on Breast Cancer Survivors

Dr. Prachi Mittal
ABSICON'25
Poster: Assessing the efficacy and cosmetic outcome of dermoglandular matrix rotation flap in breast conservation surgery: "a comprehensive study in breast reconstruction.
SASICME'25
Poster: Surgical audit of delays from diagnosis to treatment in breast cancer patients at a tertiary care hospital.
Paper: Life after diagnosis: navigating chemotherapy's impact on breast cancer survivors.
ASICON'25
Poster: Diagnostic dilemma between mesenteric and duplication cyst: role of robotic surgery in definitive management.
Paper: Surgical audit of delays from diagnosis to treatment in breast cancer patients at a tertiary care hospital.

Dr. Sneha Mittra
ASICON 2025
Poster: Pancreaticogastrostomy: A Safe and Equally Effective Reconstruction Method Following Whipple's Pancreaticoduodenectomy – A Case Series

Dr. Chirag Ashis Sarkar
ASICON 2025
Poster: Testicular Dislocation Following Trauma: Does Timing of Detection Dictate Management?

Dr. Mahaseen Islam
ASICON 2025
Poster: Primary Axillary Hydatid Cyst

Dr. Pradyot Ram
ASICON 2025
Poster: A Rare case of Parathyroid Adenoma presenting as Acute pancreatitis.

Dr. Subha Saha
ASICON 2025
Poster: Extracapsular dissection as a safe approach for Benign Parotid tumors- A case series

SERVICE INFORMATION

Bed location

- Curzon Ward (Male surgical ward, Main Block) - No of Beds – 78 (including 6 Trolleys)
- Victoria Ward (Female Surgical Ward, Main Block)- No of Beds – 84 + 5 Trolleys
- ESW Ward - 6
- Surgical intensive care unit - 4 functional beds with 2 beds with ventilatory support
- Emergency observation ward admits surgical patients requiring observation, pending transfer or discharge

OPD Location
Surgical OPD complex, functioning in the previous new Emergency block, with isolated but composite arrangements for General surgery, Plastic surgery and Pediatric surgery under the same roof.

OPD attendance

- Yearly Total - 62435
- New - 31566
- Old - 30869

Operations performed

- Elective Major - 3522
- Elective Minor - 3665
- Emergency OT- 2103

Special Services
Comprehensive Breast Clinic - Kolkata Police Hospital - Every Thursday - 12.00 pm - 02.00 pm

Surgical Oncology

FACULTY AND SENIOR RESIDENTS

Dr. Jayesh Kumar Jha	Professor & Head
Dr. Vikram Chaturvedi	Associate professor
Dr. Suvendu Maji	Assistant professor
Dr. Durgapada Ghosh	Medical Officer
Dr. Ipseet Mishra	Senior Resident

Postdoctoral (MCh Surgical Oncology) Trainees

1st Year	**2nd Year**
Dr. Arghadeep Paul	Dr. Tuhin SubhraMandal
Dr. Manoj V	Dr. Kamalika Ghosh
Dr. Sulakshana Sekhar	Dr. Brotish Dey

ACADEMIC ACTIVITY

Journal clubs	12
Seminars	25
Invited guest lectures	10
Ongoing Thesis	6

Conferences and Seminars

Dr. Jayesh Kumar Jha

1. Acted as Faculty and Chairperson at CNCI Cancer Update 2025 on 25.1.25 in session "Tips and Tricks of Minimally Invasive Esophagectomy"
2. Acted as Faculty at IHPBA India 2025 (March 20 -23) at Fairfield by Marriott, Kolkata and was Judge at Award Paper Presentation on 21.3.25.
3. Participated as Faculty at AROI WB Chapter CME on 21.06.25 on session Locally Advanced Rectal Cancer".
4. Acted as Faculty and Moderator for session on "USG guided arm port" on "Chemoport Master class" at Kolkata on 12th September, 2025.
5. Completed several assignments from NBE, New Delhi related to Question Banking in discipline of Surgical Oncology throughout the year.
6. Coordinator-Examiner at DrNB Surgical Oncology Final Practical & Viva Examinations as per NBE, New Delhi at Deptt of Surgical Oncology, IPGMER, Kolkata on 23-24 Dec, 2025
7. Principal Investigator in ongoing project titled-"An approach to determine the molecular profile of colorectal carcinoma-a cornerstone in the era of precision medicine" under DBST
8. Ongoing thesis work of 4 postdoctoral Trainees in the Department of Surgical Oncology, IPGME&R, Kolkata
9. Ongoing research work in allied departments of Radiation Oncology

Dr. Vikram Chaturvedi

1. Participated as delegate in East Zonal Oncology Symposium 2025on January25,2025 organized by Saroj Gupta Cancer Centre &Research Institute.
2. Participated as delegate in Oncology Update, organized by Ruby General Hospital on 26.8.2025
3. Participated as faculty on workshop on Chemoport for undergraduate students in PERIZIA.
4. Participated as virtual delegate in 3rd International Urology Cancer Summit held in UK.
5. As a delegate in Cancer Update organized by CNCI, Kolkata.
6. As delegate in G.I cancers at Medical College Hospital, Kolkata on 19.03.2025.
7. As a delegate in Bengal Cancer Summit 2025 held in April 2025, Kolkata.
8. Participated virtually in 2nd AIIMS Coloproctology Symposioum held in New Delhi.
9. As virtual delegate in Immunotherapy in focus and practice in biliary tract cancers held in Europe, 2025.
10. Participated as delegate in ASICON 2025held in Kolkata West Bengal.

Dr. Suvendu Maji

1. Participated as chairperson in East Zonal Oncology Symposium 2025on January25,2025 organized by Saroj Gupta Cancer Centre &Research Institute.
2. Participated in G.I. Kolkata Conclave 2025 0n12.8.2025, organized by Endoscopic club, Kolkata, Department of Gastroenterology, Narayana, RN Tagore hospital, Kolkata.
3. Participated as delegate in Oncology Update, organized by Ruby General Hospital on 26.08.2025.
4. Participated as faculty on workshop on Chemoport for undergraduate students in PERIZIA.
5. Acted as a reviewer in "British Medical Journal" for the third consecutive term.
6. Acted as Academic Editor in "PLOS" group of journals.
7. Participated as delegate in Cancer Update organized by Chittaranjan National Cancer Institute, Kolkata.

PUBLICATIONS

- **Kamalika Ghosh, Brotish Dey, Jayesh Kumar Jha, Vikram Chaturvedi, Suvendu Maji, Tuhinsubhra Mondal. Mucosal melanoma: epidemiology, clinical features, and surgical management. http://dx.doi.org/10.70034/ijmedph.2025.4.396**

- Cu_3N–Fe nanocube-based electrochemical sensing of cancer metabolites with minute-scale response tim**e.** Materials and Horizon DOI:10.1039/d5mh01603g

SERVICE INFORMATION

Total OPD patients	**5552**
• New patient • Old patient	2074 3478
Total no of admission • Male • Female	**406** 190 216
Major Surgery • Head Neck • Breast • Hepatobiliary • Colorectal • STS • Gynae Onco • Uro Onco • Miscellaneous	**361** 45 30 97 80 14 39 15 41
Minor Surgery	**126**
Emergency Surgery	**21**

Speciality Clinics

Name	No. of patients
Thyroid	31
Breast	57
Sarcoma	23

Urology

FACULTY

Name	Qualification	Post
Prof. Debansu Sarkar	MCh (Urology)	Professor & HOD
Prof. Krishnendu Maiti	MCh (Urology)	Professor
Dr. Soumya Mondal	MCh (Urology)	Associate professor
Dr. Souvik Chatterjee	MCh (Urology)	Associate professor
Dr. Kumar Rajiv Ranjan	MCh (Urology)	Assistant professor

SENIOR RESIDENTS

- Dr. Subhajit Malakar, MCh (Urology)
- Dr. Partha Pratim Sinha Roy, MCh (Urology)

Postdoctoral trainees

2024-2027	2023-2026	2022-2025
1. Dr. Partha Mondal 2. Dr. Romit Kumar 3. Dr. Abhishek Gupta 4. Dr. Sabarish Soundar S 5. Dr. Avinash Kumar 6. Dr. Madhurya Bajpai 7. Dr. Pankaj Kumar 8. Dr. Jit Tarafdar	1. Dr. Risabh Dagra 2. Dr. Nikhil Singh 3. Dr. Shyam Sundar Sarkar 4. Dr. Ravi Kumar Singh 5. Dr. Ahsan Kamal 6. Dr. Zochampuia Ralte 7. Dr. Mridul Gera 8. Dr. Ayush Rathore 9. Dr. Madhusudan Panja 10. Dr. Wali Ahmad	1. Dr. Arindam Roy 2. Dr. Souvik Maity 3. Dr. Amitayu Jana 4. Dr. Smita Verma 5. Dr. Kamalakanta Beheruk 6. Dr. Vishnu Sankar KV 7. Dr. N. Sai Bharath 8. Dr. Sanjay Singh 9. Dr. Shashank Shukla 10. Dr. Suhan Umeshkumar Khamar

TRANSFER, POSTING AND SUPERANNUATIONS:

- Dr. Naveen Kumar Gupta posted as an Associate Professor, Department of Urology at Medical College, Kolkata

FACULTY NEWS AND ACADEMIC ACHIEVEMENTS:

WORKSHOPS/EVENTS CONDUCTED BY THE DEPARTMENT:

- Live operative CME cum workshop on Retroperitoneal Surgery held on 15th November 2025**.**

WORKSHOPS AND CONFERENCES ATTENDED:

- Prof. Dr. Debansu Sarkar attended USICON Conference held in Chennai, Tamil Nadu, start in the month of January, 2025.
- Prof. Dr. Debansu Sarkar attended CMR Robotic Urology Training held at Mumbai, in the month of June, 2025.
- Prof. Dr. Debansu Sarkar attended Robo-Lap ,AINU held in Hyderabad,2025 in the month of August,2025.
- Dr. Souvik Chatterjee and Dr. Soumya Mondal attended EZ-USICON 2025 held in Jamshedpur, 2025 in the month of October, 2025.
- Dr. Soumya Mondal attended Recon 2025 held at AIIMS Auditorium, Bhubaneswar in the month of November, 2025.
- Dr. Soumya Mondal attended BUSCON held on September, 2025 at Sonar Bangla, Kolaghat.
- Dr. Souvik Chatterjee and Prof. Dr. Krishnendu Maiti attended UROLITHOCON 2025,conference was held on April 2025 at Medical College Kolkata.
- Dr. Souvik Chatterjee attended URO ONCOCON held on May, 2025,at Hyderabad.

AWARDS WON IN CONFERENCES AND CMES:-

- Dr. Risabh Dagra: 1st prize in MCh research presentation on Foundation day 2025, IPGMER.
- Dr. Risabh Dagra: 2nd prize in QUIZ at EZUSICON 2025.
- Dr. Mridul Gera: 2nd prize in MCh research presentation on Foundation day 2025, IPGMER.
- Dr. Vishnu Sankar KV: Best Poster prize at USICON 2025.
- Dr. Souvik: Best Poster prize at USICON 2025.

- Dr. Amitayu Jana: 2nd prize in BUSCON 2025 Quiz Competition.
- Dr. Amitayu Jana: 2nd prize (Silver Medal) in BUS Gold Medal Examination,2025.
- Dr. Suhan Umeshkumar Khamar: BUS gold prize in exam 2025.
- Dr. Suhan Umeshkumar Khamar: 3rd prize in BUSCON Quiz, 2025.

REGULAR ACADEMIC ACTIVITY

Time: Morning (9 AM to 10 AM)

Tuesday: Seminar Thursday: Journal club Saturday: Case presentation

PROJECTS

SN	Title of Project	Funding Agency	Duration From To	Status
1	Correlating the Immunosuppressive cell populations with dysbiosis of tumor microenvironment for predictive microbiomne marker and identify an alternative immunotherapeutic approach for BCG refractory Bladder cancer. From Presidency University: Dr. Amlan Ghosh Professor of Zoology with the department of Life Sciences.	Technically approved by ICMR	March 17-April 30	Ongoing
4	Deciphering the oncogenic role of PSMA7 in bladder cancer and identification of its small molecule inhibitors for targeted therapies; an in vitro and in vivo approach" From Presidency University: Dr. Amlan Ghosh Professor of Zoology with the department of Life Sciences.	ICMR	March 17-May 30	Under review for Final acceptance.

THESIS TOPICS

2024-2027	2023-2026	2022-2025
Dr. Partha Mondal: Inflammasome signaling in different stages of prostate cancer: an observational study.	Dr. Risabh Dagra: Exploring optimal settings for safe and effective holmium:YAG laser lithotripsy in a kidney model in a tertiary care hospital in india	Dr. Arindam Roy: Moleculer alterations of the lncRNA ACTA2-AS1 in prostate cancer, and its potential clinical importance; a case control study
Dr. Sabarish Soundar. S: Plasma-derived small extracellular vesicle biomarkers correlated with tumor morphology for early detection, grading, and therapeutic monitoring in prostate cancer.	Dr. Nikhil Singh: Thulium YAG laser en-bloc enucleation of bladder tumor of size less than 2.5cm-its safety , feasibility and quality	Dr. Souvik Maity: Deciphering the mechanistic role of a novel long non-coding RNA LINC01409 in prostate carcinogenesis: association with parameters of disease aggressiveness
Dr. Jit Tarafdar: Prospective study on safety and efficacy of retrograde intrarenal surgery (RIRS) in pediatric patients with nephrolithiasis.	Dr. Shyam Sundar Sarkar: Effect of Tadalafil on Urethral Stricture After Direct Vision Internal Urethrotomy : An Observational Study	Dr. Amitayu Jana: A study on free hand transperineal prostate biopsy under local anesthesia, patient's tolerability and complications: our experience
Dr. Romit Kumar: An observational study of the learning curve in robotic urological surgery using flow disruption rate analysis.	Dr. Ravi Kumar Singh: Assessing the Role of PSAD, Free to Total PSA Ratio, and Their Combination in Avoiding Unnecessary Biopsies for PI-RADS 3 : Prospective Observational Study	Dr. Smita Verma: A prospective randomized study comparing the outcome of Bipolar Enucleation of Prostate with Transurethral Resection of Prostate (TURP) and Thulium Laser Enucleation of the Prostate (ThuLEP)
Dr. Abhishek Gupta : Prospective comparative study on the role of tadalafil and clomiphene citrate on sexual function and semen quality in patients with late-onset hypogonadism (LOH)	Dr. Ahsan Kamal: The timing puzzle: unraveling the debate between 5-days and 28-days stent removal after ureteroscopic lithotripsy	Dr. Kamalakanta Beheruk: Role of Intralesional steroid and hyaluronic acid injection in reducing the recurrence of urethral stricture after optical internal urethrectomy: a prospective study

Dr. Madhurya Bajpai : Evaluation of semen quality, hormonal profile, and sexual function before and after intravesical BCG therapy in male patients with non-muscle invasive bladder cancer: a prospective observational study	Dr. Zochampuia Ralte: Bladder weight, wall thickness in correlation with UDS findings in bladder outlet obstruction (BOO) - pre and post operative	Dr. Vishnu Sankar KV: Management of recurrent pelviureteric junction obstruction in previously treated pyeloplasty patients
Dr. Avinash Kumar: Identification of Risk Factor of Perioperative Urosepsis in Retrograde Intrarenal Surgery	Dr. Mridul Gera: Study of narrow band cystoscopy in patients of ca urinary bladder on intravesical therapy for detection of recurrence	Dr. N. Sai Bharath: A comparative study of early versus late removal of per urethral catheter after anterior anastomotic and buccal mucosal onlay urethroplasty
Dr. Pankaj Kumar : Evaluation of Quality of life, voiding and sexual dysfunction in patients following vesicovaginal fistula repair	Dr. Ayush Rathore: Only versus combined rigid and flexible endoscopic combined intrarenal surgery for partial staghorn calculi	Dr. Sanjay Singh: Risk factors for post-PCNL systemic inflammatory response syndrome in patients with negative pre-op urine culture: an observational study
	Dr. Madhusudan Panja: Validation of Mayo Adhesive probability score as a predictor of difficulty during transperitoneal simple nephrectomy-A prospective study	Dr. Shashank Shukla: Supine versus Prone Percutaneous Nephrolithotomy in management of patient with less than 2 cm renal stones: a prospective study
	Dr. Wali Ahmad: Correlation of UDS with various bladder parameter in UDS to predict detrusor function	Dr. Suhan Umeshkumar Khamar: Comparison of double J-stenting versus Ureteral catheter in percutaneous nephrolithotomy

PUBLICATIONS

(From DEC 2024 to NOV 2025)

1. Chatterjee S, Ralte Z, Sarkar D (September 29, 2025) Retro-Iliac Ureter: A Case Report of an Unusual Cause of Mid-ureteric Obstruction. Cureus 17(9): e93525. doi:10.7759/cureus.93525.
2. Verma Smita, Mondal Soumya, Pal Dilip Kumar. Plexiform schwannoma of penis. Published Sep-Dec 2024, in AMSR, DOI 10.4103, 42-43.
3. Souvik Chatterjee, Smita Verma, Debansu Sarkar. Evaluation of Urethral Stricture Score (USS) in predicting intraoperative complexity and postoperative outcome in anterior urethral structure: An observational study. Urologia journal. Published online , 6 December 2025.doi : 10.1177.
4. Maiti K, Maity S, Santra A, Sarkar D. A prospective study on the outcome of pyonephrosis and infected hydronephrosis drained by percutaneous nephrostomy – a tertiary care center experience. Turk J Surg. 2025 Dec 8;41(4):411-417. doi: 10.47717/turkjsurg.2025.2025-4-26. Epub 2025 Aug 26.
5. Mondal S, Singh RK, Sarkar D. Understanding the Impact of Chronic Epididymo-Orchitis and Chronic Prostatitis on Testicular Volume, Testosterone Levels, Semen Quality, and Sexual Function: A Prospective, Descriptive Study. Cureus. 2025 Apr 18;17(4):e82482. doi: 10.7759/cureus.82482. PMID: 40385846; PMCID: PMC12085772.
6. Kumar Rajiv Ranjan, Kuryappilly Venugopal Vishnu Sankar, Debansu Sarkar and Dilip Kumar Pal. Patient tolerance during rigid cystoscopy. An Observational study comparing lignocaine hydrochloride gel and tramadol with lignocaine. Urologia journal. Published online27 December 2024.doi:10.1177/03915603251316703 journals.sagepub.com/ home/urj.
7. Beheruk K, Ranjan KR, Mondal S. Large asymptomatic pseudoaneurysm post open partial nephrectomy – A rare case. Indian J Urol 2025;41:151-2.
8. Kamalakanta B, Krishnendu M, Debansu S. Role of intralesional steroid and hyaluronidase injection in reducing recurrence of urethral stricture after direct visual internal urethrotomy: A prospective study. Urologia. 2025 Nov 4:3915603251387896. doi: 10.1177/03915603251387896. Epub ahead of print. PMID: 41186239.
9. Gupta NK, Beheruk K, Sarkar D. Role of rectal swab cultures on infectious complications following transrectal prostate biopsy. Urologia Journal. 2025;0(0). doi:10.1177/03915603251371657.

SERVICE INFORMATION
(01/12/2024 to 30/11/2025):

OPD attendance
Total : → 79526

Bed Distribution

Male	Female & Child	Recovery room for renal transplant patients (HDU)
45	39	4

Admissions in the urology ward

Male	Female
1354	933

Renal transplantation:
Tuesday is the day for our renal transplantation and we perform one transplant weekly with the help of the Nephrology and CTVS department

- Total number of Live related Renal Transplant (01/12/2024 - 30/11/2025) 26
- Total no of Cadaveric Renal Transplant done (01/12/2024 - 30/11/2025) 09

Major operations Total: 1830

Minor operations Total: 4050

Minor OPD procedures Total: 13391

USG-guided procedures

- TRUS guided prostate biopsy: 342
- USG guided PCN: 260

Uroflowmetry: 10320

- Urodynamic studies 880

ESWL 2495

Woodburn Admission 213

Emergency OT 14

Central Library

The Central Library caters to the needs of Faculty, Students and Research Scholars of this Institute, as well as to scholars from other Institutions. Internet and WI-FI facilities are available for the library users. E-Books, E-Journals, Digital Catalogue, Plagiarism checking, OPAC Searching facilities are also available.

Location and floor area: Academic Building 7th Floors (Space: 15000 sq. ft.)

Library Sections:

Acquisition and Processing Section	PG Reading Area	Stack Room
Journal and Periodicals Section	UG Reading Area	Librarian Room
Digital and E-library Section	Residents Reading Area	Photocopy Room
Bound Volume Section	Faculty Reading Area	Multipurpose Room
Circulation Section	Group Discussion Area	
Thesis section		

Opening Hours: 09:00 AM. To 12:00 Midnight

Working Hours: 10:00 AM to 07:00 PM (Except Saturday)
10:00 AM to 04:00 PM (Only Saturday)

Library Staff

Librarians	**Library assistants**	**Karmabandhu**
Dr. Surupa Ghosh, M.A., M.L.I.Sc., PhD. Mr. Tapan Naskar, M.A., M.L.I.Sc. Mr. Subrata Singha, M.Sc., M.L.I.Sc. Mrs. Chhabi Bhowmick, M.A, M.L.I.Sc. Mrs. Rubi Gupta, M.A, M.L.I.Sc, M.Phil., PGDLAN. Mrs. Tanny Talukder Mukherjee, B Sc., M.L.I.Sc.	Mrs. Ranu Balmiki Mrs. Rupasree Mukherjee Ms. Piyali Chatterjee	Mr. Sk. Liyakat Ali

Total Books: 19,430 (Purchased 17,180; Gifted 2,250)

Printed Journals subscribed annually: (i) Indian 70 (ii) Foreign 34

E-journals: Free access for full text E-Journals is available from the ONOS (One Nation One Subscription) Platform and also through the ERMED Consortium initiative of the National Library of Medicine (NLM), New Delhi.

Back volumes Journals: 5630 (approx.) **Thesis:** 4100 (approx)

No. of books purchased during the last 3 years: 2024-2025=258, 2023-2024=07, 2022-2023=232

Technical process

- Acquisition and Processing as per local (library) rules.
- Cataloging Card and Digital both form [AACR 2R code]
- Classification Dewey Decimal System (19th edition)

Extended services

Internet and WI-FI	Digital Catalogue	Scanning
E-journals and E-Books	OPAC Searching	DDO (Document Delivery Service)
Plagiarism check	Photocopy	CAS (Current Awareness Service)

Observances

- Birth anniversary of **Netaji Subhas Chandra Bose** on 23th January.
- Birth anniversary of Nobel Laureate **Rabindranath Tagore** on 25th Boishakh (Bengali month).
- **National Librarian's Day** on 12th August, birthday of **Dr. S. R. Ranganathan**, who is popularly known as "The Father of Library Science in India".
- Birth anniversary of **Pandit Iswar Chandra Vidyasagar** on 26th September.

Multi-Disciplinary Research Unit (MRU)

The Multidisciplinary Research Unit (MRU) at IPGME&R was established in 2017 with support from the Department of Health Research (DHR), Government of India, under a national scheme aimed at developing dedicated research infrastructure in State Government Medical Colleges. The MRU is housed on the 5th floor of the Academic Building of IPGME&R.

In 2025, based on annual performance, scientific outputs, and overall research impact, **only 8 out of 118 MRUs** across the country were recommended by DHR for upgradation to a **Centre for Research Excellence (MRU-CoRE)**. MRU, IPGME&R was among the select units chosen for this prestigious upgradation.

MRU, IPGME&R provides intramural research funding to faculty members of the Institute. Additionally, from 2025 onwards, the MRU has extended financial support to Postgraduate Trainees (PGTs) and Postdoctoral Trainees (PDTs) to facilitate the implementation of their thesis and research work using MRU infrastructure. Under this scheme, PGTs are eligible for funding up to ₹50,000, while PDTs may receive up to ₹75,000 per project.

Nodal Officer (Faculty) In-charge

- Prof. Simanti Datta, Professor, Centre for Liver Research, School of Digestive & Liver Diseases (SDLD), IPGME&R

Present Staff Members:

- Dr. Bidhan Chandra Chakraborty, Research Scientist-II (Scientist C)
- Mr. Jaydeep Banerjee, Laboratory Technician
- Ms. Sushmita Maity Sasmal, Laboratory Technician
- Mr. Abhijit Chowdhury, Laboratory Assistant

Ongoing Research Studies / Projects at MRU, IPGME&R in 2025

SN	Project Title	Name of Principal Investigator
1.	Exploring the redox status of immune cells and NETosis in Non-Smoker COPD, role of parabenzoquinone (p-BQ) and modulation by Vitamin C and Octyl gallate.	**Prof. Amitava Sengupta** Dept. of Pulmonary Medicine, IPGME&R
2.	Genetic underpinnings of post-COVID neurological sequelae and cognitive impairment.	**Prof. Atanu Biswas** BIN, Neuromedicine, IPGME&R
3.	Umbilical cord blood transfusion in bone marrow depleted cancer patients as a means of alternate approach of routine blood transfusion – a single institutional open-label single-arm study.	**Prof. Alok Ghosh Dastider** Dept. of Radiotherapy, IPGME&R
4.	Interrogating the phenotype and functions of IL-17-producing T helper (T_H17) cells in the disease progressive phases of HBeAg-negative chronic HBV infection.	**Dr. Debashis Mishra** Associate Professor SDLD, IPGME&R
5.	Exploring the impact of Hepatitis B virus on iron metabolism during chronic infection.	**Dr. Debarshi Bose** Assistant Professor, SDLD, IPGME&R
6.	Immunoprofiling and gene expression of EZH2 in patients with proliferative lupus nephritis towards personalized treatment.	**Prof. Parasar Ghosh** Dept. of Rheumatology & Clinical Immunology, IPGME&R
7.	Exploring the role of circular-RNA, hsa_circ_00018414 in retaining chemo-resistance to the hepatocellular carcinoma cells.	**Prof. Soma Banerjee** Centre for Liver Research SDLD, IPGME&R, Kolkata

Research Studies/ Projects sanctioned by MRU, IPGME&R for the period of 2025-2027

SN	Project Title	Name of Principal Investigator
1.	Prediction of stroke due to large vessel occlusion using N-terminal pro-brain natriuretic peptide and lipoprotein-associated phospholipase A2"	**Prof. Biman Kanti Ray** Dept. of Neurology, Bangur Institute of Neurosciences, IPGME&R
2.	NANOG 1 in Saliva – A Novel and Non-invasive Biomarker in Oral Squamoproliferative lesions	**Prof. Keya Basu** Dept. of Oncopathology, IPGMER
3.	Quantifying the Burden: Health Related Quality of Life, Health Index, and Quality Adjusted Life Year Modelling in patients with Vertigo, Dizziness and Imbalance.	**Dr. Saikat Samaddar** Department of ENT and HNS, IPGME&R

4.	Pre and post chemotherapy expression of minor blood groups in colon cancer	**Dr. Madhumita Mondal** Dept. of Pathology, IPGME&R/
5.	Evaluation of efficacy and limitations of Scanning Transmission Electron Microscopy in Scanning Electron Microscope (STEM in SEM) machine for diagnosis of kidney and endomyocardial biopsy samples in comparison with conventional Transmission Electron Microscopy (TEM)	**Dr. Shyamalendu Medda** Dept. of Anatomy, IPGME&R
6.	Impact of MUC5B gene polymorphism and gene expression in smoker and non-smoker COPD	**Dr. Ritabrata Mitra** Dept. of Pulmonary Medicine, IPGME&R

PGT & PDT Thesis Work/Research Projects sanctioned by MRU, IPGME&R for the period of 2025-2027.

SN	Project Title	Candidate's Name	Supervisor's Name
1.	Population-based screening for celiac disease in eastern Indian children: a pilot study	**Dr. Debabrata Sundaray**	**Dr. Gautam Ray** SDLD, IPGME&R
2.	Effectiveness and tolerability of liposomal iron compared to conventional iron supplementation in treating iron deficiency anemia in antenatal women: a randomized controlled trial.	**Dr. Saheli Roy**	**Prof. (Dr.) Avijit Hazra** Dept. of Pharmacology, IPGME&R
3.	changes in lipid profile and inflammatory markers & their relation with severity in dengue patients admitted in tertiary care hospitals: a hospital based observational study.	**Dr. Ankan De**	**Prof. (Dr.) Pinaki Sarkar** Dept. of Biochemistry, IPGME&R
4.	cliniC-pathological and immunohistochemical correlation of oral squamo-proliferative lesion highlighting NANOG expression in a tertiary care setting.	**Dr. Subhodeep Sarkar**	**Prof. (Dr.) Keya Basu** Dept. of Oncopathology, IPGME&R

List of Publication in 2025 utilizing the facility/fund provided by MRU, IPGME&R

1. Majumdar S, Chowdhury DR, Chakraborty BC, Chowdhury A, Datta S, Banerjee S. MiR-451a attenuates hepatic steatosis and hepatitis C virus replication by targeting glycerol kinase. J Transl Med. 2025; 23(1): 322.
2. Roy M, Bagchi A, Karmakar C, Chatterjee M. Transdifferentiation of neutrophils facilitates the establishment of infection by *Leishmania donovani* parasites. Infect Immun. 2025; 93(6): e0040924.
3. Karmakar C, Sarkar D, Ghosh A, Haldar D, Chatterjee M. Evaluating the leishmanicidal activity of m-Nitrocinnamic acid containing lipophilic peptide against *Leishmania donovani*. Acta Trop. 2025; 268: 107703.
4. Chatterjee S, Chakraborty A, Roy S, Roychowdhury D, Karmakar A, Saha A, Dhali GK, Banerjee S, Banerjee A. DEFB4A/hBD2, a non-invasive serum biomarker for detection of ulcerative colitis. Sci Rep. 2025; 15(1): 38949.
5. Das S, Ray BK, Mondal G, Kanjilal S, Paul DK, Roychowdhury S, Mishra L, Bhattarcharjee P, Chakraborty B, Biswas P, Santra B. The changing trends in the etiological and clinico-radiological profiles and long-term outcomes of Acute Encephalitis Syndrome among children below 15 years of age-a prospective bicentric study in the West Bengal state in India, a Global Burden of Disease: Prospective bicentric AES study in West Bengal, India. Journal of the International Child Neurology Association. 2025; 1(1): 1-23.

Total number of equipment procured by MRU till date: 49

Workshop & training organized by MRU, IPGME&R in 2025

SN	Name of the Training programme	Start Date	End Date	No of participants
1.	Basic Research Methodology and Biostatistics workshop (In Collaboration with Dept. of Neonatology, IPGME&R)	30.01.2025	31.05.2025	29
2.	Hands-on Workshop on Mammalian Cell Culture Techniques	23.09.2025	24.09.2025	17
3.	Hands-On Workshop on Advance Flow Cytometric Data Analysis	03.11.2025	03.11.2025	15
4.	Training in Good Clinical Practice for Physicians and Researchers. (In collaboration with Research Oversight Committee, IPGME&R)	17.12.2025	17.12.2025	12

Blood Center

One of the vital departments of any hospital cum medical college, the SSKM Blood Bank (now called Blood Center) started functioning on a 24-hour basis from 1996. Previously it remained open for eight hours from 10 AM to 6 PM. From then onwards it is contributing and catering to all the patient load of SSKM Hospital and sometimes other hospitals also. Component Separation license was obtained in the year 2010 and from then onwards RDP, PRBC ,FFP and Cryo Precipitate are being supplied to patients. There has been an increase in the number of camps over the past few years. The Donor Section has been revamped this year and is presently having four donor couches along with bio-mixer for smooth in-house donation.

ACHIEVMENTS OVER THE LAST 11 MONTHS (Jan – Nov, 2025)

Blood donation

1) Voluntary blood donation

328 voluntary blood donation camps organized: Total collection: 16659 units

2) In-house collection : 7191 units

So combined total collection: 23850 units

Report on TTI reactivity

Each and every blood unit undergoes mandatory five tests: 1) HIV 2) HbsAg 3) HCV 4) Syphilis 5) Malaria
These tests reduce the risk of TTI (Transfusion Transmitted Infection)

Total units tested in the period January to November 2025: 23854 | TTI reactivity was as follows:

- HIV reactive: 128
- HCV reactive: 42
- HbSAg reactive: 110
- VDRL positive: 14
- Malaria positive: NIL

All the reactive cases are communicated and counselled to attend further for confirmation. Unfortunately, very few are interested to come for further screening.

One New Project "National Viral Hepatitis Control Programme" (NVHCP) has started for the management of donors who are found Hepatitis reactive and viral load positive. We call them and counsel and ask them to attend OPD designated for this purpose. They get expert consultation and medicine free of cost.

All blood units are Grouped and only non disposable and TTI non-reactive units are kept ready for allotment to patients. TTI reactive units are discarded along with other non issuable units like IQ, hemolyzed, lipemic etc. As per protocol.

Report on Component Separation

We have the license to prepare four components from the whole blood: 1) Packed Red Blood Corpuscle (PRBC) 2) Fresh Frozen Plasma (FFP) 3) Random Donor Platelet (RDP) and 4) Cryoprecipitate (CPP)

In the period January to November 2025
Blood Center collected/prepared: Whole Blood - 281 units, PRBC - 23569 units, FFP – 27105 [Includes FFP from MR Bangur B.C.] units, RDP – 13294 units and Cryo - 1403 units

Blood Center supplied: Whole Blood - 278 units, PRBC - 23406 units, FFP – 17110 units [to patients], RDP –12159 units and Cryo - 1354 units

Other achievements

We celebrated World Blood Donor Day during the period 14th June to 13th July. Actually, the day is on 14th June, but we celebrate it for one month. On 29th June we arranged one seminar at the Blood Center. This year we have felicitated Donors for donating more than 25 times and more than 50 times and also felicitated Camp organizers

NURSING SECTION

Nursing Superintendent Office

SN	Name of the officer	Post / Designation
1.	Manisha Ghosh	Nursing Superintendent
2.	Arundhuti Mondal	Jt. NS
3	Krishna Banerjee	Jt. NS
4.	Minati Chatterjee	Jt. NS
5.	Dipika Das	Jt. NS
6.	Sabita Dutta	Jt. NS
7.	Binapani Adak	Jt. NS
8.	Asoka Mandal	Dy. NS
9.	Babita Saha	Dy. NS
10.	Yuthika Patra	Dy. NS
11.	Snigdha Roy	Dy. NS
12.	Sarmistha Ghosh	Dy. NS
13.	Ushosee Ghosh	Dy. NS (Detailed in form NRS MCH)
14.	Moumita Mandal	Dy. NS
15.	Manomita Paul	Dy. NS
16.	Shrabani Kar	Dy. NS
17.	Arpana Sharma	Dy. NS
18.	Shampa Saha	Dy. NS
19.	Jolly Dutta	Dy. NS
20.	Rita Ghosh	Dy. NS
21.	Ranu Sinha Das	Dy. NS
22.	Snigdha Bose	Dy. NS
23.	Nibedita Sahoo	Dy. NS
24.	Anjali Das	Dy. NS

List of Sister-in-charges for Unit management

SN	Name	Unit
1	Sr. Sangita Mondal	Alex I
2	Sr Sanghamitra Giri	Alex I
3	Sr. Pampa Biswas	Alex II
4	Sr. Sarbani Ghosh	PICU
5	Sr. Sima Banerjee	ENT(F)
6	Sr. Rina Das	ENT(F)
7	Sr. Sukla Sengupta	ENT(M)
8	Sr. Shibani Jana	ENT(M)
9	Sr. Rinku Maity	ENT ICU
10	Sr. Swati Arai	Victoria
11	Sr. Anupama Pradhan	Curzon
12	Sr. Rakhi Mondal	Curzon
13	Sr. Lipika Das	CCU
14	Sr Jhuma Payra	CCU
15	Sr. Modhumita Chatterjee	ITU
16	Sr. Sujata Das	Cable
17	Sr. Tandra Pal Chowdhury	Cable
18	Sr. Sohini De Sarkar	Mack
19	Sr. Krishna Bhattacharjee	ERMM
20	Sr. Rama Ghosh	NCB (M+F)
21	Sr. Malatika Mandi	NCB Paed

SN	Name	Ward/unit
50	Sr. Malabika Guchhait	SDLD OT
51	Sr. Asha Biswas	ENDO
52	Sr. Lovely Khatun	Woodburn
53	Sr. Tandra Chakraborty	Urology
54	Sr. Tandra Ghosh Roy	Nephrology
55	Sr. Soma Ghosh	Chest+RICU
56	Sr Nandita Dutta	Chest+RICU
57	Sr. Bandana Das	RTU
58	Sr. Alpana Mani	RTU
59	Sr. Kalpana Dhara	HD
60	Sr. Krishna Ghorai	HD
61	Sr. Aparna Bhowmik	CTVS
62	Sr. Priyanka Chowdhury	CTVS
63	Sr. Nibedita Chakraborty	SDLD
64	Sr. Mousumi Pal	Eye
65	Sr. Anindita Pal	CTVS Gynae
66	Sr. Rinku Sarkar	Maternity
67	Sr. Rumpa Majumder	Maternity
68	Sr. Kalpana Samanta	Mat GF
69	Sr. Suparna Ghosh	Mat GF
70	Sr. Seuli Mitra	LR

22	Sr. Namita Roy	EOW	71	Sr. Saswati Maji	LR
23	Sr. Bindu Adhikary	EOW	72	Supa Guha	NICU
24	Sr. Sucharita Santra	PMR	73	Sr.Aditi Barman	NICU
25	Sr. Rita Ghosh	RH	74	Sr. Saswati Maity	SNCU + NEO
26	Sr. Monisha Chatterjee	ER	75	Sr. Tanusree Das	TCC ED
27	Sr. Chhanda Das	OPD	76	Sr. Sagarika Pal	TCC CATH LAB
28	Sr. Chhanda Saha	HUM	77	Sr. Nilima Dandapath	TCC 6th floor
29	Sr. Moslema Mintamanna	HUM	78	Sr. Radharani Kar	TCC CCU
30	Sr. Bina Dey	HUF	79	Sr. Rita Naskar	TCC CCU
31	Sr. Pallabi Dey	HUF	80	Sr. Papia Neogi	TCC OT
32	Sr. Tulu Sahoo	HGF	81	Sr. Madhuchhanda Bachhar	TCC OT
33	Sr. Basanti Chatterjee	ICCU	82	Sr. Sarmistha Sengupta	TCC 9th floor
34	Sr. Anjana Nandy	NPS	83	Sr. Bandana Datta	TCC 10th floor Male
35	Sr. Bani Biswas	Ligation	84	Sr. Sandhya Ghosh	TCC 10th floor Female
36	Sr. Sujata Pal	BURN	85	Sr. Puspa Dutta	Oncosurgery
37	Sr. Anita Mondal	BURN	86	Sr. Banasree Das	Orthopedic
38	Sr. Sanhita Khanra	ENT OT	87	Sr Sonali Maiti	Ananya
39	Sr. Moumita Pal	H & N OT	88	Sr Chaitali Saha	Ananya
40	Sr. Indrani Sanyal	MAIN OT	89	Sr. Sarbani Das	ROBOTIC OT
41	Sr. Ranjita Das	MAIN OT	90	Sr. Kabita Dutta	Home
42	Sr. Swapna Bhattacharjee	Uro OT	91	Kanika Saha	detailed to LDVH
43	Sr. Hobibunnessa Ahmed	NPS OT	92	Gita Ghosh	detailed to KMH
44	Sr. Maya Bera	CTVS OT	93	Purabai Mahata	detailed to KMH
45	Sr. Suranjana Mallik	CTVS OT	94	Sonali Roy	detailed to KMH
46	Sr. Jharna Dutta	Gynae OT	95	Juthika Bhandari	detailed to CON SSKM
47	Sr. Trina Mallik Sengupta	Gynae OT	96	Minu Das	Detailed to Jirangacha RH
48	Sr Sathi Panti	CCR OT	97	Aditi Das	Detailed to Sarpura SSH
49	Sr.Anjana Roy	NER OT			

SANCTIONED BED STRENGTH IN SSKM HOSPITAL

- Sanctioned bed : 2304
- GENERAL BED: 1996
- SPECIAL BED: 308 (PICU, SICU, ITU, CCU, ICCU, URO HDU, RICU, CTVS Recovery, CTVS Stepdown, Transplant , SDLD ITU & PCU, Gastro Iso, LR HDU, NICU, SNCU,TCC CCU,TCC Stepdown, IVF, ENT ICU,C.ER., Burns CCU)
- TOTAL OT (MAJOR TABLE + MINOR TABLE)= 54 (43+11)
- TOTAL OPD(SSKM)=77(Including IVF Clinic)

PRESENT STRENGTH OF NURSING PERSONNEL

- OSD Ex Officio NURSING SUPERINTENDENT 1
- JOINT NURSING SUPERINTENDENT 6
- DEPUTY NURSING SUPERINTENDENT 17
- SISTER IN CHARGE 97
- STAFF NURSE 1178 (DETAILED OUT TO KMH 41)
- DETAILED TO OTHER HOSPITA 6,
- DETAILED OUT AS CHO 26
- ON STUDY LEAVE 33 [MSc Nsg (14) + PB-BSc Nsg (19)]

West Bengal Government College of Nursing

It is a proud moment for us to declare that West Bengal Government College of Nursing within the campus of SSKM Hospital which was established in the year 1974 has completed its 50 years of journey in 2024. To make the event memorable, Golden Jubilee of the college was celebrated with huge number of graduates and post graduates of the institute.

This pioneer college in the field of nursing education in Eastern India was established with the objective to prepare nurses with up to date and advanced knowledge and skill to provide a satisfactory level of nursing care to patients in the hospitals and to people at large in the community.

The administrative control of the College lies on the Department of Health & Family Welfare, Government of West Bengal and it is academically controlled by the West Bengal University of Health Sciences. Each of the courses run by this institute is recognized by the Indian Nursing Council and West Bengal Nursing Council.

The college offers two undergraduate courses, viz., Basic B. Sc. Nursing and Post Basic B. Sc. Nursing and one post graduate course, i.e., M. Sc. in Nursing. It is also utilized as the study center for offering Post Basic B. Sc. Nursing through IGNOU.

Current student strength: A total of 410 students are undergoing different courses in the college. Distributed as:

Basic B.Sc. Nursing	
• 1st Semester	72
• 3rd Semester	67
• 5th Semester	56
• 7th Semester	54
Post Basic B.Sc. Nursing	
• 1st Year	57
• 2nd Year	55
M.Sc. Nursing	
• 1st Year	27
• 2nd Year	22
Total	**410**

Staff strength

a. Teaching: At present there is Principal, 1 Professor, 2 Readers, 4 Senior Lecturers and 15 Clinical Instructors and 5 Faculties. One Senior Lecturer is detailed to work in other Nursing Colleges. One Clinical Instructor is undergoing M.Sc. Nursing.

b. Non-teaching staff: There is 2 Librarian, 1 Head Clerk, 1 U.D.C., 2 L.D.C., 5 Group D staff and 4 Sweepers.

Vacancy

- Currently we are having shortage of teachers. Two Posts of Professor, 7 posts of Reader, 9 posts of Senior Lecturer and 15 posts Clinical Instructors are yet to fill up.

Curricular Activities

Curriculum is planned and implemented as per the learning experiences prescribed by Indian Nursing Council. Well qualified and experienced teaching faculties are helping the students continuously to reach their objectives.

Clinical Facilities and Activities

Our students are provided clinical field experience at our own hospital along with Institute Of Psychiatry and CRSS Hospital regularly. They get their experiences on rural Community Health Nursing at Sonarpur and for urban clinical experiences they are sent to the urban areas of Khidderpore and Chetla Urban Health Centre. They are also sent to

visit other specialty hospitals and Institutions according to their requirements. Postgraduate students are sent to different specialized institutions outside our state also.

The students participate in different projects, health education program, awareness program, School Health Program, health assessment and nutritional program at ICDS centers, plan and implement occupational therapy and cultural program for mentally ill in different clinical fields.

Other Activities:
Students celebrate significant days under the expert guidance and supervision of their teachers like Republic Day, Independence Day, World AIDS Day, World Health Day, Nurses 'Day, Teachers' Day, Saraswati Puja, Annual Sports, Educational Tour. Etc.

Academic Achievements
Students of all batches have appeared in University Examinations (end of session) in the year 2025. Success rates vary from 99% to cent percent

Academic achievement of Faculty
- Two Readers, 1 Senior Lecturer are undergoing Ph.D. Program under West Bengal University of Health Sciences.

Future Plans
- Provision for e-journals at College library.
- Repair of old college and hostel building.

Constraints
- Shortage of teaching staff.

Conclusion: Physically and mentally healthy nursing students are crucial for better academic performance, enhanced patient care quality, and future professional success. The College is adopting a holistic approach, incorporating physical activity, self-care, stress management, and support systems to build the resilience among students. Career counseling is also undertaken for the students for better job readiness, greater satisfaction and successful transitions into their professional nursing identity.

GNM School of Nursing
IPGME&R & SSKM Hospital

GNM School of Nursing, I.P.G.M.E.&.R , S.S.K.M. Hospital, Kolkata came into being in 1957 and in its long course time the school has been stepping forward with achieving glory and excellence in producing skilled nursing personnel.

The Set-up of the school comprises of Principal Nursing Officer, Group-A of West Bengal Nursing Service Cadre, Govt, of West Bengal with a fully-fledged Office; Government has been pleased to empower Principal Nursing Officer as Drawing Disbursing Officer of this GNM School Of Nursing from this year June, 2021.

Student strength of GNM is 276 with 100 yearly Intake.

Duration of the GNM Course —3 years.
Academic Session-September to August each year, but in covid-19 pandemic situation, as per INC guidelines two months extension was granted.

No. of Students undergoing training year wise:-
- 1st Year - 88 students, Academic year Dec 2024 - Nov 2025, for the session 2024-2027.
- 2nd Year - 92 students, Academic year Nov 2024 - Oct 2025, for the session 2023-2026
- 3rd Year - 96 students, Academic year Nov 2024 - Oct 2025, for the session 2022-2025

Internee - 91 (Released in December 2025)

Interior organizational set up with activity
Session of the GNM Course commences from September to August has been decided by the West Bengal Nursing Council. The courses are being conducted as per the guidelines provided by both Indian Nursing Council and West Bengal Nursing Council. Sincere efforts are made to ensure healthy training atmosphere to the students.
About the annual results of the students (2024-2025):
- 96 3rd year students have completed successfully their Final GNM council examination 17th December 2025.
- 92 2nd year GNM students have appeared in their Council Examination 15th December 2025 onwards.
- 88 1st year GNM students have appeared in their Council Examination 15th December 2025 onwards

The newly admitted 95 (Ninety Five) 1st year GNM students started session from December 2025.

Apart from undergoing theoretical and practical training, students are being sent to gain clinical experience to the following places besides SSKM Hospital.
- Institute of Psychiatry - Centreof Excellence.
- Bangur Institute of Neuroscience.

For gaining experience in Rural Community Health Nursing according to the curriculum, the students are residing there accompanied by teachers & sent to the different P.H.C., Sub-centers under Laxmi Bala Dutta Rural Hospital, Muchisa, Budge Budge -II, South 24 Pgs. To have the Urban Community experiences students are sent to the nearby following areas under the supervision of our experienced teachers, PHN and other staff of the PP Unit of SSKM Hospital, Kolkata. The areas are:
- Sambhunath Pandit Street
- Debendra Lai Khan Road
- Rupnarayan Nandan Lane

For further exposure of experience, the students are taken to

• Water Treatment Plant, Garden Reach • Sewage Treatment Plants under Garden Reach Municipality • Central Dairy Plant, Belgachia, Kolkata • Bengal Chemical Industry, Maniktala, Kolkata	Other organizations, like: • Old Age Home, Little Sister of The Poor, Kolkata • Blind School, Light House for The Blind, Rashbehari Avenue, Kolkata • Kolkata Municipal corporation, Borough 69

Every year students and teachers take active participation in the state-level S.N.A. annual sports. Cultural

competitions, and educational trips and in various Health related programs under the guidance of all dedicated & responsible teachers and both get awarded. This year teachers and students participated in various special cultural events (singing, dancing, recitation and floor decoration) in the TNAI Cultural Competition' 2025 and received multiple awards and certificates glorifying the institution.

Besides this, the school organizes various cultural Programs and educational excursion every year.

For best academic performances, school recommends the following students to receive medals for 2024-2025 Academic Sessions on the occasion of foundation day of IPGME&R-SSKM Hospital on 16th Jan, 2025:

- 3rd Year GNM Student — Bhaswati Roy
- 2nd Year GNM Student — Srijita Dutta
- 1st Year GNM students — Rayma Ghosh & Prerona Ghosh

Faculty strength

Current faculty strength is 30 (Thirty). Their status is listed below. As a part of the curriculum, the school organizes various programs on special occasions throughout the year. Besides, the teachers also participate in different workshops and National Health Programs from time to time to update themselves.

Non-Teaching Staff

School has 1 (One) LDC, 1 (One) Gr-D, 3 (Three) Menial Staff & Sweepers.

Faculty in position at the GNM School of Nursing, SSKM Hospital

SN	Faculty Name	Post held with grade
1	SUDESHNA CHATTOPADHYAY	Principal Nursing Officer, Gr-I(i)(a), WBGS
2	KEYA NANDI	Sr. Sister Tutor, Gr-I(i)(b), WBNS
3	SIKHA BIR	Sr. Sister Tutor, Gr-I(i)(b), WBNS
4	MINA SAHA	Sr. Sister Tutor, Gr-I(i)(b), WBNS
5	DIPALI MONDAL	Sister Tutor, Gr-I(ii), WBNS
6	MADHURIMA MAJUMDAR	Sister Tutor, Gr-I(ii), WBNS
7	GUNJA BISWAS	Sister Tutor, Gr-I(ii), WBNS
8	SANGTTA DEY	Sister Tutor, Gr-I(ii), WBNS
9	MALLIKA SAHA	Sister Tutor, Gr-I(ii), WBNS
10	SUDIPTA NAYAK	Sister Tutor, Gr-I(ii), WBNS
12	KRISHNA DAS	Sister Tutor, Gr-I(ii), WBNS
13	MOUMTTA BARIK	Sister Tutor, Gr-I(ii), WBNS
14	SUDIPTA JANA	Sister Tutor, Gr-I(ii), WBNS
15	SHAMPA SENGUPTA	Sister Tutor, Gr-I(ii), WBNS
16	MOUSUMI ROY	Sister Tutor, Gr-I(ii), WBNS
17	SOMA BISWAS	Sister Tutor, Gr-I(ii), WBNS
18	SHILPA CHANDRA	Sister Tutor, Gr-I(ii), WBNS
19	ARPITA ROY	Sister Tutor, Gr-I(ii), WBNS
20	BARNALI MAN DAL	Sister Tutor, Gr-I(ii), WBNS
21	JHUMA ROY	Sister Tutor, Gr-I(ii), WBNS
22	BEAUTT SHOME MONDAL	Sister Tutor, Gr-I(ii), WBNS
23	JHUMPA SARKAR	Sister Tutor, Gr-I(ii), WBNS
24	MANJUSRI LAW	Sister Tutor, Gr-I(ii), WBNS
25	MOUMITA SARKAR	Sister Tutor, Gr-I(ii), WBNS
26	PRATIMA PAUL	Sister Tutor, Gr-I(ii), WBNS
27	BANANI PAKIRA	Sister Tutor, Gr-I(ii), WBNS
28	BHASWATI PALTA	Sister Tutor, Gr-I(ii), WBNS
29	PARAMUA MAITY	Sister Tutor, Gr-I(ii), WBNS
30	BINA BISWAS	Sister Tutor, Gr-I(ii), WBNS

Postgraduate and postdoctoral seats listing – Status in Dec 2025

Name of the university with which courses are affiliated

The West Bengal University of Health Sciences
DD-36, Sector I, Salt Lake, Kolkata – 700064.

As per NMC norms all seats listed are now recognized – the number available for each admission session is subject to review by NMC on the basis of annual disclosure of mandated information.

Postgraduate degree (MD / MS) seats

SN	Name of subject	Total seats	All-India quota	State quota	Remarks
1	**MD Anesthesiology**	**18**	09	09	
2	**MD Anatomy**	**05**	03	02	
3	**MD Biochemistry**	**07**	03	04	
4	**MD Community Medicine**	**04**	02	02	
5	**MD Dermatology, Venereology & Leprosy**	**05**	02	03	
6	**MD Emergency Medicine**	**03**	02	01	
7	**MD General Medicine**	**14**	07	07	Reduced from 15 in the 2023-24 admission year.
8	**MS General Surgery**	**17**	08	09	Reduced from 19 in the 2023-24 admission year.
9	**MD Microbiology**	**04**	02	02	
10	**MS Obstetrics. & Gynecology**	**16**	08	08	
11	**MS Ophthalmology**	**03**	02	01	
12	**MS Otorhinolaryngology**	**08**	04	04	
13	**MS Orthopedics**	**15**	08	07	
14	**MD Pathology**	**20**	10	10	
15	**MD Pediatrics**	**09**	04	05	
16	**MD Pharmacology**	**06**	03	03	
17	**MD Physical Medicine & Rehabilitation**	**10**	05	05	Increased from 06 in the 2023-24 admission year.
18	**MD Physiology**	**05**	02	03	
19	**MD Psychiatry**	**10**	05	05	
20	**MD Radiodiagnosis**	**12**	06	06	
21	**MD Radiation Oncology (Radiotherapy)**	**10**	05	05	
22	**MD Respiratory Medicine**	**05**	03	02	
	TOTAL	**206**	**103**	**103**	

Postgraduate diploma seats

All diploma seats surrendered to increase MD seats in corresponding subjects. Therefore, from 2018 onwards, there has been no postgraduate diploma admissions.

Postdoctoral (DM / MCh) seats

SN	Course	Total seats	Remarks
1	**DM Cardiac Anesthesia**	**5**	
2	**DM Cardiology**	**9**	
3	**DM Clinical Immunology & Rheumatology**	**5**	
4	**DM Critical Care Medicine**	**2**	
5	**DM Endocrinology**	**6**	
6	**DM Infectious Diseases**	**2**	
7	**DM Medical Gastroenterology**	**10**	
8	**DM Hepatology**	**5**	
9	**DM Neonatology**	**2**	Proposed to be increased to 05
10	**DM Nephrology**	**10**	
11	**DM Neurology**	**10**	
12	**DM Pulmonology**	**2**	
13	**MCh Cardiovascular & Thoracic Surgery**	**6**	
14	**MCh Head & Neck Surgery**	**4**	
15	**MCh Neurosurgery**	**10**	
16	**MCh Pediatric Surgery**	**5**	
17	**MCh Plastic & Reconstructive Surgery**	**8**	
18	**MCh Surgical Gastroenterology**	**1**	Proposed to be increased to 04
19	**MCh Surgical Oncology**	**3**	
20	**MCh Urology**	**10**	
	TOTAL	**115**	