

Government of West Bengal

**Institute of Post Graduate Medical
Education & Research**

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



Annual Report for the Year 2018

Released on 63rd Foundation Day – Jan 16, 2019



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

Director's Message

Distinguished dignitaries, faculty members, students of this institute, colleagues, ladies and gentlemen,

A very warm and sincere greetings to everybody. It is indeed my great privilege that I have been entrusted with the chair of Director of this prestigious institution IPGME&R & SSKM Hospital.

Commonly known as P.G. Hospital our institution was the first Post Graduate Medical Institute in Eastern India in 1957. Our institution has established itself as an esteemed service provider to the society for upgradation of comprehensive healthcare network not only in Kolkata but also in this part of our country with an idea to show our concern and commitment to our own patients and those from referring hospitals. The facilities available at IPGME&R & SSKM Hospital provides high quality health care and commitment and the same are backed by well trained and dedicated officials. We endeavor our best to give good medical, surgical, rehabilitation and nursing care and advice to each of our patients in an ethical atmosphere of compassion and care.

We believe that the key to our success is the commitment of our Medical and Non-medical officers in providing quality patient care and research oriented growth. The Administrative and Medical officials continuously work together to identify and direct the priorities through the development and implementation of strategic plans.

We are committed to enhance the quality of life of our patients by providing high eminence, cost efficient, multi-disciplinary medical services with a personal touch. Keeping this in mind we constantly upgrade in terms of hi-tech instruments, facilities and keep ourselves abreast of latest researches and technical advancements. We strive hard by constantly acquiring new knowledge and skills to keep pace with what is new in the field.

We envisage a future marked by growth, fulfilling our mission to provide the best and most comprehensive health care to our society in presence of our state-of-the-art facilities and advanced technology clubbed with high end educational curriculum, dedicated to serve the mankind and we strongly believe that our constant endeavor will definitely enable us to reach the zenith of success leaving permanent footprint in the sands of time.

Last but not the least, I convey my sincere gratitude and thanks to the Dean, MSVP, Deputy Superintendent, Assistant Superintendents, Medical and Nursing Faculty, Technical and Office Staff, Group D Staff, Officials of the Civil and PWD Departments, teachers and students for their whole hearted assistance and immense cooperation. Last but not the least my deepest gratitude to my higher Officials of the Department of Health and Family Welfare, Government of West Bengal, for their valuable guidance and Support.

With warm regards

**Prof. Manimoy Bandyopadhyay
Director, IPGME&R, Kolkata**

Date: 28/12/2018

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

For MBBS students securing highest marks in MBBS examination disciplines from IPGME&R in 2018

Examination	Subject	Students
1st Professional MBBS	Anatomy	Mohana Chowdhury Chandrapaul Gupta
	Physiology	Moumita Khatun Goutam Singh Chandrapaul Gupta
	Biochemistry	Subhrajyoti Ghosh
2nd Professional MBBS	Pathology	Amrita Ray
	Microbiology	Amrita Ray
	Pharmacology	Amrita Ray
	Forensic Medicine & Toxicology	Koushik Das Srinjay Maji
3rd Professional MBBS Part I	Community Medicine	Sukanya Das
	Ophthalmology (Eye)	Ruchira Das
	Otorhinoaryngology (ENT)	Saikat Sen
3rd Professional MBBS Part II	Medicine	Debroop Sengupta
	Surgery	Debroop Sengupta
	Obstetrics & Gynecology	Debtanu Banerjee
	Pediatrics	Agnimitra Ghosal

Medal awards

- | | | |
|-----|---|-----------------------------------|
| 1. | Sir Ronald Ross Oration 2018 | Dr. Saumitra Das |
| 2. | Dr. Arun Banerjee Memorial Oration 2018 | Dr. S. V. S. Deo |
| 3. | Medal for Proficiency in Annual Examination – MD (General Medicine) Session 2016-2019 | Dr. Abhirup Banerjee |
| 4. | Medal for Proficiency in Annual Examination – MS (General Surgery) Session 2016-2019 | Dr. Radharaman Mandal |
| 5. | Medal for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2016-2019 | Dr. Sukanta Das |
| 6. | Medal for Proficiency in Thesis Work – MD (General Medicine) Session 2016-2019 | Dr. Debaleena Mukherjee |
| 7. | Medal for Proficiency in Thesis Work – MS (General Surgery) Session 2014-2017 | Dr. Bikram Halder |
| 8. | Medal for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2016-2019 | Dr. Ritayan Sasmal |
| 9. | Prof. Amal Kumar Bose Memorial Award for obtaining highest marks in MD (Anesthesiology) 2018 from IPGME&R | Dr. Shruti Kundu |
| 10. | Dr. Prabir Sengupta Memorial Award for excellence in MD (Radiodiagnosis) 2018 from IPGME&R | Dr. Bijoya Laxmi Gayari |
| 11. | Madhusudan Saha Memorial Award for obtaining highest marks in MS (General Surgery) 2018 from IPGME&R | Dr. Bikram Halder |
| 12. | Niharbala Ghosh Memorial Award for obtaining highest marks in MS (Obstetrics & Gynecology) 2018 from IPGME&R | Dr. Sikha Singh |
| 13. | Dr. Purnima Mukherjee & Smt. Kalyani Dutta Gupta Award for best thesis in Anesthesiology in 2018 among students of IPGME&R | Dr. Siddhartha Chakraborty |
| 14. | Dr. K. P. Sengupta Memorial Award for highest marks in MD Pathology university examination in 2018 among students of IPGME&R. | Dr. Diya Das |
| 15. | Pushpa Rani Saha Memorial Award for obtaining highest marks in Surgery in Final MBBS Examination 2018 from lady students of IPGME&R | Ms. Priya Jena |
| 16. | Medal for proficiency in Final General Nursing & Midwifery Examination 2018 | Ms. Sonali Mondal |
| 17. | Medal for proficiency in Second Year General Nursing & Midwifery Examination 2018 | Ms. Trisha Sarkar |
| 18. | Medal for proficiency in Preliminary General Nursing & Midwifery Examination 2018 | Ms. Samima Khatun |

Certificate awards

1. Certificate for Senior Prosectorship in Anatomy	—
2. Certificate for Senior Class Assistantship in Physiology 2018	Indira Pandey
3. Certificate for Junior Class Assistantship in Physiology 2018	Gautam Singh
4. Certificate for Senior Class Assistantship in Biochemistry 2018	Saujit Ghosh
5. Certificate for Junior Class Assistantship in Biochemistry 2018	Shubrajyoti Ghosh
6. Certificate for Senior Class Assistantship in Pathology 2018	Arijit Sinha
7. Certificate for Junior Class Assistantship in Pathology 2018	Rahul Sinha
8. Certificate for Senior Class Assistantship in Microbiology 2018	Abhrodita Sinha
9. Certificate for Junior Class Assistantship in Microbiology 2018	Pratim Saha
10. Certificate for Senior Class Assistantship in Pharmacology 2018	—
11. Certificate for Junior Class Assistantship in Pharmacology 2018	Dhriti Paul
12. Certificate for Senior Class Assistantship in Community Medicine 2018	Amrita Ray
13. Certificate for Junior Class Assistantship in Community Medicine 2018	Subhojyoti Ghosh
14. Certificate for Senior Class Assistantship in Eye 2018	Sanket Das
15. Certificate for Junior Class Assistantship in Eye 2018	Amrita Ray
16. Certificate for Senior Class Assistantship in ENT 2018	Koushik Das
17. Certificate for Junior Class Assistantship in ENT 2018	Ahel Bandyopadhyay
18. Certificate for Senior Class Assistantship in Medicine 2018	Amit Bagrodia
19. Certificate for Junior Class Assistantship in Medicine 2018	Saikat Sen
20. Certificate for Senior Class Assistantship in Surgery 2018	Amit Bagrodia
21. Certificate for Junior Class Assistantship in Surgery 2018	Saikat Sen
22. Certificate for Senior Class Assistantship in ObGy 2018	Sourav Chakraborty
23. Certificate for Junior Class Assistantship in ObGy 2018	Saikat Sen
24. Certificate for Senior Class Assistantship in Pediatrics 2018	Priyanka Mondal
25. Certificate for Junior Class Assistantship in Pediatrics 2018	Sukanya Das
26. Certificate of Merit: Highest marks in 1st MBBS: IPGME&R 2018	Mrinmoy Sarkar
27. Certificate of Merit: Highest marks in 2nd MBBS: IPGME&R 2018	Moumita Khatun
28. Certificate of Merit: Highest marks in 3rd MBBS Part I: IPGME&R 2018	Goutam Singh
29. Certificate of Merit: Highest marks in 3rd MBBS Part II: IPGME&R 2018	Amrita Ray
30. First Certificate of Merit: Annual Examination: Medicine 2016-2019	Sukanya Das
31. First Certificate of Merit: Annual Examination: Surgery 2016-2019	Debroop Sengupta
32. First Certificate of Merit: Annual Examination: ObGy 2016-2019	Dr. Debaleena Mukherjee
33. Second Certificate of Merit: Annual Examination: Medicine 2016-2019	Dr. Anirban Basu
34. Second Certificate of Merit: Annual Examination: Surgery 2016-2019	Dr. Rajesh Karmakar
35. Second Certificate of Merit: Annual Examination: ObGy 2016-2019	Dr. Subhasis Neogi
36. First Certificate of Merit: Thesis Work Proficiency: Medicine 2016-2019	Dr. Rudradeep Banerjee
37. First Certificate of Merit: Thesis Work Proficiency: Surgery 2015-2018	Dr. Kumari Sikha
38. First Certificate of Merit: Thesis Work Proficiency: ObGy 2016-2019	Dr. Shambaditya Das
39. Second Certificate of Merit: Thesis Work Proficiency: Medicine 2016-2019	Dr. Anirban Dsa
40. Second Certificate of Merit: Thesis Work Proficiency: Surgery 2015-2018	Dr. Akanksha Mishra
41. Second Certificate of Merit: Thesis Work Proficiency: ObGy 2016-2019	Dr. Saikat Prasad Datta
42. Certificate of Merit for being the Most Humane Nurse 2017	—
	Dr. Neelu Singh
	Smt. Kalyani Dey

Postgraduate MD / MS Students clearing University Examination in 2018

MD [Anesthesiology]

- Dr. Siddhartha Chakraborty
- Dr. Shruti Kundu
- Dr. Sudeshna Padhi
- Dr. Vartika Srivastava
- Dr. Sabnam Seuli
- Dr. Suraj Majumdar
- Dr. Aparajita Sinha
- Dr. Dhananjay Mondal
- Dr. Anindita Dutta Roy
- Dr. Dipankar Tripathi
- Dr. Oindrila Sinha
- Dr. Moumita Mondal

MD [Anatomy]

- Dr. Prasanta Chakraborty
- Dr. Kakali Halder

MD [Biochemistry]

- Dr. Debasish Mandal
- Dr. Sk. Sarifulk Islam

MD [Dermatology]

- Dr. Nirmalya Kumar Das
- Dr. Debolina Mondal
- Dr. Sonal Bansal
- Dr. Abhijit Chattopadhyay

MD [General Medicine]

- Dr. Rajarshi Datta
- Dr. Biren Kumar Bera
- Dr. Sukalpa Chaudhuri
- Dr. Himadri Sonowal
- Dr. Vivek Goel
- Dr. Mossadek Hossain
- Dr. Vaibhav Seth
- Dr. Somnath Mandal
- Dr. Saugat Das Gupta
- Dr. Subir Sen
- Dr. Jagannath De
- Dr. Sujata Kumari

MD [Microbiology]

- Dr. Indraneel Saha
- Dr. Abirlal Sanyal
- Dr. Anjum Namhata
- Dr. Tanusri Halder

MS [Obstetrics & Gynecology]

- Dr. Pooja Sahu
- Dr. Jadav Asmita Ashok
- Dr. Sikha Singh
- Dr. Neha Jain
- Dr. Subrata Debnath
- Dr. Sweety Pradhan
- Dr. Parthajit Ghosh
- Dr. Safina Begum
- Dr. Subrata Mondal
- Dr. Joydip Roy
- Dr. Abhijit Sarkar
- Dr. Sahana Bilkis Parvin

MS [Orthopedics]

- Dr. Debanjan Adak
- Dr. Argha Kusum Roy
- Dr. Ramhari Dutta
- Dr. Abhay Sarkar
- Dr. Mujibar Rahman Mullick
- Dr. Chetan
- Dr. Hriday Narayan Mishra

MS [Otorhinolaryngology]

- Dr. Ankit Choudhary
- Dr. Dhiman Basu (1 y exempted candidate)
- Dr. Joseph Nadakkavukaran
- Dr. Sayan Hazra
- Dr. Manisha Ray

MD [Pathology]

- Dr. Priyanka Maity
- Dr. Tamanna Parvin
- Dr. Diya Das
- Dr. Ananya Biswas
- Dr. Nelofer Islam
- Dr. Soumendra Mishra
- Dr. Soumya Kanti Pramanik
- Dr. Tushar Kanti Das
- Dr. Pratap Mondal
- Dr. Sucharita Sarkar

MD [Pediatrics]

- Dr. Arpan saha
- Dr. Moumita Biswas
- Dr. Asha Kalwar
- Dr. Rabindranath Dass

MD [Pharmacology]

- Dr. Prajesh Kiran Bhunya
- Dr. Shouvik Choudhury
- Dr. Sandeep Lahiry
- Dr. Ayan Mukherjee
- Dr. Moumita Bala
- Dr. Koustuv Chowdhury

MD [Physiology]

- Dr. Shib Sankar Pal
- Dr. Saikat Manna
- Dr. Rama Chakraborty
- Dr. Sourav Ganguly
- Dr. Paromita Roy

MD [Physical Medicine & Rehabilitation]

- Dr. Keshab Mandal
- Dr. Ambar Konar
- Dr. Ishita Dey

MD [Psychiatry]

- Dr. Sagarika Roy
- Dr. Sikha Murmu
- Dr. Paritosh Roy
- Dr. Awadhesh P. Singh Solanki

MD [Radiodiagnosis]

- Dr. Amit Mondal
- Dr. Dinesh Jain
- Dr. Manisha Agarwal
- Dr. Puja Shah
- Dr. Ashish
- Dr. Chhabi
- Dr. Monalisha Hazra (MO-TR)
- Dr. Sushanta Sarkar (MO-TR)

MD [Radiotherapy]

- Dr. Alokut Sarkar
- Dr. Kaustav Chatterjee
- Dr. Prerna Singh
- Dr. Pritam Kumar Sardar
- Dr. Sk. Md. Rejakul Islam

MS [General Surgery]

- Dr. Gouri Mukhopadhyay
- Dr. Md. Anisur Rahaman
- Dr. Pankaj Kumar
- Dr. Bikram Halder
- Dr. Santanu Krishna Agarwal
- Dr. Abhishek Mandal
- Dr. Atanu Halder
- Dr. Saurabh Dixit
- Dr. Prajjol Kumar Biswas
- Dr. Tanvi Goel
- Dr. Priyaranjan Mandal
- Dr. Arindam Das
- Dr. Sahid Khondakar

MD [TB & Respiratory Medicine]

- Dr. Subhajit Sen
- Dr. Rituparna Bose
- Dr. Raiza Hameed

Postgraduate Diploma Students clearing University Examination in 2018

DLO

- Dr. Amrita Pal
- Dr. Sankar Pal
- Dr. Sayantani Chandra

DMRT

- Dr. Angsuman Ray
- Dr. Sounik Dsa
- Dr. Raja Bhowmik

DPM

- Dr. Dipanwita Maschatak,
 - Dr.. Nabanita Roy Mukherjee
 - Dr. Gargi Banerjee Bagchi
 - Dr. Santosh Pandit
 - Dr. Sudipta Malik
 - Dr. Soumyak Banerjee
 - Dr. Soumyadeep Saha
 - Dr. Somnath Barman
 - Dr. Partha Sarathi Hazra
-

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 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:

SN	Governing Body Member
1	Sri Arup Biswas, Honb'le MIC, PWD, Youth Affairs, Sports [Chairperson]
2	Principal Secretary, Health & Family Welfare Department
3	Director, IPGME&R-SSKM Hospital [Member Secretary]
4	Medical Superintendent cum Vice-Principal (MSVP), IPGME&R-SSKM Hospital
5	Dr. Santanu Sen, KMC Councilor
6	Sri Anil Kumar Mukherjee, KMC Councilor
7	Prof. Rajendra Pandey, HOD Nephrology
8	Prof. Pradeep Kumar Saha, HOD Psychiatry
9	Prof. Siddhartha Basu, HOD Radiotherapy
10	Prof. Arunava Sengupta, HOD ENT
11	Superintendent, Sambhu Nath Pandit Hospital
12	Deputy Superintendent, SSKM Hospital
13	Nursing Superintendent, SSKM Hospital
14	Accounts Officer, SSKM Hospital
15	Dr. Syamal Sardar, Assoc. Prof., Neonatology
16	Dr. Sandip Biswas, MO Emergency
17	Officer-in-Charge, Bhawanipur Police Station
18	Executive Engineer, PWD Civil, SSKM Hospital Subdivision
19	Executive Engineer, PWD Electrical, SSKM Hospital Subdivision
20	Assistant Engineer, PWD Civil, SSKM Hospital Subdivision
21	Assistant Engineer, PWD Electrical, SSKM Hospital Subdivision
22	Sri Anindya Roy, Asst. Super. (N.M.), SSKM

SN	Rogi Kalyan Samity Member
1	Sri Arup Biswas, Honb'le MIC, PWD, Youth Affairs, Sports [Chairperson]
2	Dr. Nirmal Maji, MLA and President, WB Medical Council
3	Dr. Tridib Banerjee, Chairperson, High Level Task Force, Health & Family Welfare Department
4	Director, IPGME&R-SSKM Hospital [Executive Chairperson]
5	Dr. Santanu Sen, KMC Councilor
6	Smt Papiya Singh, KMC Councilor
7	Dr. Sanjib Banerjee, DDME (MERT), H&FW Dept.
8	Prof. Pradeep Kumar Saha, HOD Psychiatry
9	Prof. Rajendra Pandey, HOD Nephrology
10	Dr. Biswajit Khara, MO, Anesthesiology
11	Dr. Sandip Biswas, MO Emergency
12	Superintendent, Sambhu Nath Pandit Hospital
13	Deputy Superintendent, SSKM Hospital
14	Nursing Superintendent, SSKM Hospital
15	Accounts Officer, SSKM Hospital
16	MO In-charge, Blood Bank, SSKM Hospital
17	Officer-In-Charge, Bhawanipur Police Station & DC (South), Kolkata Police
18	Executive Engineer, PWD Civil & PWD Electrical, SSKM Hospital Subdivision
19	Assistant Engineer, PWD Civil & PWD Electrical, SSKM Hospital Subdivision
20	Sri Prabir Dutta, Executive Assistant to Honb'le MIC, MA & UD Department
21	Assistant Superintendents, SSKM Hospital
22	MSVP, IPGME&R-SSKM Hospital [Member Secretary]

IPGME&R and SSKM Hospital Administration

Administrative Officers

Prof. Manimay Bandyopadhyay	Director
Prof. Raghunath Misra	Medical Superintendent cum Vice-Principal (MSVP) (from 03.12.2016)
Prof. Amal Kanti Das	Dean of Student Affairs
Dr. Atindra Kumar Mondal	Deputy Superintendent
Mr. Anitendu Modak	Accounts Officer, IPGME&R
Mr. Abhijit Adak	Accounts Officer, SSKM
Mr. Kaustav Ghosh Chowdhuri	Assistant Superintendent, SSKM
Mr. Anindya Banerjee	Assistant Superintendent, SSKM
Mr. Syed Ziaul Mustafa Alquadri	Assistant Superintendent, SSKM
Mr. Kumar Kanti Mal	Assistant Superintendent, SSKM
Ms. Barna Saha	Assistant Superintendent, SSKM
Ms. Payel Dutta	Assistant Superintendent, SSKM
Ms. Chandrabali Ghosh	Assistant Superintendent, SSKM
Ms. Mallika Das	Assistant Superintendent, SSKM
Mr. Indrajit Purkait	PA to Director
Mr. Soumendra Nath Kundu	PA to MSVP

Administrative Office Staff

Director's Office Section

Sri Debasish Mitra, Head Clerk (on deputation to Siliguri SD Hospital)
 Sri Anupam Ghosh, Pharmacist & Store-in-Charge
 Smt. Bandana Roy, UDC
 Sri Panchu Gopal Dutta, UDC (Retired)
 Sri Avijit Kumar Das, UDC
 Sri Barun Kumar Banerjee, UDC
 Sri Pijush Kanti Mondal, UDC
 Sri Soumen Saha, UDC
 Sri Harish Chandra Singha, LDC
 Smt. Ruma Acharjee, LDC

Sri Pradip Kumar Dhar, GDA
 Sri Subhas Chandra Panchadhyayi, GDA
 Sri Apurba Saha, GDA
 Sri Santu Hazra, GDA
 Sri Santanu Das, GDA
 Sri Mihir Mondal, GDA
 Sri Santu Hazra, GDA
 Smt. Mitra Banerjee, GDA
 Sri Sk. Hasimuddin, GDA

Sri Dipak Roy, GDA
 Sri Kanchan Das, GDA
 Sri Biswajit Sarkar, GDA
 Sri Biswajit Debnath, GDA
 Smt. Mona Devi, Sweeper
 Sri Manoj Ram, Sweeper

Student Section (Office of the Dean)

Sri Hariprasad Bhattacharya, Head Clerk
 Sri Swapan Kumar Sarkar, Stenotypist (Gr. I)
 Sri Goutam Bardhan, Stenotypist (Supervisory Gr.) (contractual)
 Sri Biswajit Debnath, Computer Operator (transferred out)
 Sri Sanjoy Das, GDA
 Sri Bijoy Kumar Das, GDA
 Sri Md. Arif, Support Staff (from ERS)
 Sri Sourav Chakraborty, Support Staff (from ERS)
 Sri Guddu Lal, Sweeper
 Sri Baijnath Ram, Sweeper

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, the committees function independently and the institute authority has no power to influence their decisions. The current composition of these two committees are 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-16 dated 16.12.2016)

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	Head, Dept. of Pharmacology & Dean of Student Affairs, IPGME&R, Kolkata	Pharmacologist
3	Prof. Biswanath Kahali	Male	Head, Dept. of Forensic Medicine, IPGME&R, Kolkata	Forensic expert
4	Prof. Swati Chakravarti	Female	Consultant, Institute of Child Health, Kolkata	Clinician (Pediatrician)
5	Prof. Jayanta Chatterjee	Male	Head, Department of Nuclear Medicine, IPGME&R	Clinician
6	Prof. Bijay Kumar Majumdar	Male	Head, Department of Plastic Surgery, IPGME&R	Clinician
7	Prof. Biman Kanti Ray	Male	Professor, Department of Neurology, BIN, IPGME&R	Clinician
8	Prof. Amal Kumar Santra	Male	Scientist, Department of Gastroenterology, IPGME&R	Basic medical scientist
9	Dr. Bobby Pal	Female	Assistant Professor, Department of Preventive & Social Medicine, All India Institute of Hygiene & Public Health, Kolkata	Public health expert
10	Mr. Debdut Mukherjee	Male	Advocate, Calcutta High Court	Legal Expert
11	Mr. Arunangshu Shekhar Jana	Male	Social Worker, Mahendraganj, Dist. South 24 Parganas, West Bengal	Social worker
12	Dr. Nila Majumdar	Male	Bengali Teacher, Kolkata	Lay person
13	Prof. Avijit Hazra	Male	Professor, Department of Pharmacology, IPGME&R	Member Secretary

This committee met 7 times during the year under review.

Institutional Animal Ethics Committee
(CPCSEA Registration No. 544/GO/Re/S/02/CPCSEA – Valid till 22.12.2021)

SN	Name	Gender	Designation	Designation
1	Prof. Amal Kanti Das	Male	Professor of Pharmacology and Dean of Student Affairs, 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, Department of Pharmacology, IPGME&R, Kolkata.	Member Secretary

**Medicine is not only a science; it is also an art.
It does not consist of compounding pills and
plasters; it deals with the very processes of
life, which must be understood before they may
be guided.**

- Paracelsus

Anesthesiology

Faculty

Professor & HOD	Dr. Sankari Santra MD, PDCC (Neuroanaesthesia)
Associate Professor	Dr. Sarbari Swaika DA, MD Dr. Chiranjib Bhattacharyya DA, MD Dr. Rajat Choudhury MD Dr. Sujata Ghosh MD Dr. Maitreyee Mukherjee MD
Assistant Professor	Dr. Rajiv Kumar Samal MD Dr. Suchismita Mallick MD Dr. Rajasree Biswas MD, DNB Dr. Amrita Roy MD Dr. Ruchi Shah MD (on temp detailment)
Clinical Tutor	Dr. Bhabani Moitra DA Dr. Mohona Mukherjee MD Dr. Animesh Baul, MD Dr. Priyanka Mandal, MD Dr. Ayan Das DA

Medical Officers

Dr. Arunabha Sarkar MBBS Dr. Biswajit Khanra MBBS	Dr. Srabanti Barman MBBS Dr. Prabir Chandra Das MBBS
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Postgraduate (MD Anesthesiology) Trainees

Session 2016-2019	Session 2017-2020	Session 2018-2021
Dr. Tinku Mondal Dr. Titas Mondal Dr. Purbasha Ray Dr. Debjani Saha Dr. Ria Sonam Dr. Alsaba Najmin Rahaman Dr. Roshnita Sengupta Dr. Megha Chakraborty Dr. Atul Aman Dr. Sumit Satpathi Dr. Asit Biswas Dr. Soumen Saha Dr. Samiran De	Dr. Sagnik Das Dr. Sudeep to Maitra Dr. Sreya Dutta Dr. Aniruddha Roychoudhuri Dr. Purnendu Bikash Pramanik Dr. Biswadeep Mondal Dr. Avijit Gain Dr. Arghya Maiti Dr. Kabir Hossain Dr. Pijush Kanti Bera Dr. Bablu Sardar Dr. Manas Biswas Dr. Anjan Kumar Sen	Dr. Soham Ghosh Dr. Jayasree Mitra Dr. Singdhadeb Ghosh Dr. Manshi Gandhi Dr. Salini Mukhopadhyay Dr. Sanghita Layek Dr. Monirul Islam Dr. Ratnadwip Paul Dr. Nilotpal Sikdar Dr. Bimal Kumar Mandal Dr. Suman Pal Dr. Sayantan Bose Dr. Md. Sanual Islam

Faculty members transferred out during the period from 01.11.2017 to 31.10.2018

1. Dr. Samarendranath Samui
2. Dr. Prabal Kiran Ghosh
3. Dr. Suchismita Pal
4. Dr. Anamitra Mandal

REGULAR ACADEMIC ACTIVITIES

- i. Regular classes held thrice a week. Monthly examination for assessment.
- ii. Attending CME program organized by ISA (WB Branch) at different medical colleges and private medical institutions by post graduate trainees and teachers.
- iii. Attending various conferences at the state as well as national levels by post graduate trainees and teachers.
- iv. Paper presentation at various conferences by post-graduate trainees and teachers.
- v. Delivery of lectures or orations and taking part in panel discussion by teachers at conferences of the state and national level.
- vi. 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.
- vii. Conducting Workshops at regular interval.
- viii. Rotating allotment of post graduate students to Cardiothoracic OT of Department of Cardiac Anesthesiology, IPGME&R. Kolkata and Neurosurgery OT of Bangur Institute of Neurosciences.

Research works submitted as Thesis topics / Research ongoing:

Session 2016-19

Dr. Tinku Mondal	Dr. Sarbari Swaika Dr. Amrita Ray	Awake intubation using Ambu aScope in patients with anticipated difficult airway – a comparison between airway nerve block technique and airway atomization.
Dr. Titas Mandal	Dr. Amita Acharya Dr. Sandeep Kumar Kar	The comparative effects of desflurane and isoflurane on intraoperative cerebral hemodynamics, cardiovascular changes and postoperative recovery in patients undergoing craniotomy for supratentorial tumors.
Dr. Purbasha Roy	Dr. Chiranjib Bhattacharyya Dr. Rajat Choudhuri	A parallel prospective open label comparative study between the characteristics of unilateral spinal and paravertebral neuraxial blockade in patients undergoing inguinal herniorrhaphy.
Dr. Debjani Saha	Dr. Amita Acharjee Dr. Rajiv Samal	Effect of dexmedetomidine as an adjuvant to ropivacaine in ultrasound guided brachial plexus block via supraclavicular approach – a randomized placebo-controlled double-blinded trial.
Dr. Ria Sonam	Dr. Sarbari Swaika Dr. Suchismita Mallick	Comparative study on the effects of dexmedetomidine versus fentanyl on airway reflexes and hemodynamic responses to tracheal extubation during abdominal surgery: a double blind randomized trial.
Dr. Alsaba Najmin Rahaman	Dr. Chiranjib Bhattacharyya Dr. Samaendra Nath Samui	The efficacy of epidural volume extension on spinal block with 0.5% heavy bupivacaine in total abdominal hysterectomy – a randomized controlled study.

Dr. Rashnita Sengupta	Dr. Sankari Santra Dr. Rajat Choudhuri	Comparison of continuous transverse abdominis plane block and continuous epidural analgesia for postoperative pain relief following lower abdominal surgery.
Dr. Megha Chatterji	Dr. Chaitali Sen Dr. Kakali Ghosh	Efficacy of ondansetron on hemodynamic response in patients undergoing OPCABG.
Dr. Atul Aman	Dr. Sankari Santra Dr. Samarendra Nath Samui	Comparison of regional cerebral oxygen saturation variations between sevoflurane and propofol anesthesia in gynecological laparoscopic surgery.
Dr. Sumit Satpathi	Dr. Chiranjib Bhattacharyya	Prediction of pediatric endotracheal tube size by ultrasonography and by age based formulae: a comparative clinical prospective study.
Dr. Asit Biswas	Dr. Saikat Niyogi Dr. Indrani Chakraborty	Comparative study between intranasal and intravenous dexmedetomidine as a premedication to attenuate hemodynamic response to laryngoscopy and endotracheal intubation in elective lumbar spine surgery.
Dr. Soumen Saha	Dr. Sankari Santra Dr. Dhiman Adhikari	Comparative evaluation of two techniques in supraclavicular brachial plexus block: nerve stimulator assisted versus ultrasonography guided.
Dr. Samiran De	Dr. Sarbari Swaika Dr. Rajasree Biswas	Comparison of 0.5% bupivacaine with fentanyl versus 0.75% ropivacaine with fentanyl in saddle block anesthesia for transurethral resection of prostate.

Session 2017-20

Dr. Sagnik Das	Dr. Rajat Choudhuri Dr. Amrita Ray	Evaluation of the effect of intravenous dexmedetomidine on sevoflurane anesthesia during laparoscopic cholecystectomy: a randomized placebo controlled trial.
Dr. Sudeepto Maitra	Dr. Sankari Santra	Comparative evaluation of APACHE-II and SOFA score to predict hospital mortality in intensive therapeutic unit.
Dr. Sreya Datta	Dr. Chiranjib Bhattacharyya	Comparison between continuous infusion of noradrenaline and phenylephrine for preventing hypotension during cesarean delivery under spinal anesthesia.
Dr. Aniruddha Roychowdhury	Dr. Sankari Santra Dr. Atanu Biswas	A study on the relationship between the intraoperative regional cerebral oxygen saturation trends and cognitive decline after lower limb surgeries in elderly patients.
Dr. Purnendu Bikash Pramanik	Dr. Chiranjib Bhattacharyya	Comparison between labetalol and dexmedetomidine infusion for hypotensive anesthesia in middle ear surgery.
Dr. Biswadip Mondal	Dr. Saikat Niyogi Dr. Rajiv Kumar Samal	Comparative evaluation of fixed dose dexmedetomidine and esmolol infusion as an anesthetic adjuvant during intracranial surgery for supratentorial tumor: a double blind randomized study.
Dr. Avijit Gain	Dr. Sarbari Swaika Dr. Suchismita Mallick	Comparative evaluation of Baska mask and i-Gel with endotracheal tube in laparoscopic cholecystectomy: a randomized controlled study.
Dr. Arghya Maity	Dr. Sarbari Swaika Dr. Rajasree Biswas	Comparison between transdermal buprenorphine and intravenous paracetamol for post-operative analgesia after major plastic reconstructive surgery under general anesthesia: a randomized double blind controlled trial.
Dr. Kabir Hossain	Dr. Amita Acharjee Dr. Rajashree Biswas	Comparative study of intranasal dexmedetomidine versus oral triclofos sodium as premedicant in children undergoing computed tomography imaging: a parallel group single blind randomized controlled trial.

Dr. Pijush Kanti Bera	Dr. Amita Acharya Dr. Indrani Mitra	Efficacy of atomized intranasal dexmedetomidine on patient's comfort and sedation during awake fiberoptic intubation in unstable cervical spine fracture: a randomized placebo controlled double blind prospective study.
Dr. Bablu Sardar	Dr. Chaitali Sen Dasgupta Dr. Rajiv Kumar Samal	Comparative evaluation of the effectiveness of co-loading versus pre-loading with Ringer lactate along with ondansetron administration prior to subarachnoid block in caesarean section for preventing intraoperative hypotension.
Dr. Manas Biswas	Dr. Sarbari Swaika Dr. Samarendra Nath Samui	A comparative study between classic and interadductor approach of obturator nerve block with ropivacaine in patients undergoing transurethral resection of bladder tumor under spinal anesthesia.
Dr. Anjan Kumar Sen	Dr. Sankari Santra Dr. Samaendra Nath Samui	Effects of two different doses of intrathecal dexmedetomidine as an additive to bupivacaine spinal anesthesia in patients undergoing transurethral resection of prostate.

Presentation of Scientific paper by our Postgraduate trainees

- Dr. Titas Mandal has achieved first position in Sarojini Devi Memorial paper presentation, 2018 among all Anaesthesiology students of West Bengal.
- Dr. Titas Mandal acquired first position in Basudeb Guha Memorial paper presentation, 2018 among all Anaesthesiology students of West Bengal.
- Dr. Alsaba Rahaman and Dr. Purbasha Roy has achieved first position in Quiz All India Difficult Airway Association workshop 2018, Kolkata.
- Dr. Titas mandal has acquired 2nd position in poster presentation in All India Difficult Airway Association workshop 2018, Kolkata.
- Dr Rashnita Sengupta received second prize in ISH Narani poster presentation in Annual National Conference of Indian Society of Anaesthesiologists, ISACON 2018, Agra.

Publications From Department:

- Efficacy of transdermal buprenorphine patch on postoperative pain relief after elective spinal instrumentation surgery. Saikat Niyogi, Pratibha Bhunia, Jisnu Nayak, Sankari Santra, Amita Acharjee, Indrani Chakraborty. Indian Journal of Anaesthesia 2017, vol 61, Issue11: 923-929
- Effect Of Magnesium Sulphate Infusion On Intraoperative Propofol Requirements In Neurosurgical Patients Receiving Balanced Anaesthesia. Sankari Santra, Ratul Basu, Santa Saha, Bibhukalyani Das. Journal of Indian Medical Association 2017, Vol 115; No. 3: 10-14.
- Altman Type 3 Sacrococcygeal Teratoma Resection In A Neonate -An Anaesthetic Challenge. Suchismita Mallick, Sarbari Swaika, Pijush Kanti Choudhuri. Journal of Evolution of Medical and Dental Science 2017; vol 6, Issue 17
- Assessment of Insulin Sensitivity in Obese Nondiabetic Subject Undergoing Infraumbilical Abdominal Surgeries. Sampa Duttagupta, Samarendranath Samui, Sushovan Chakraborty, Aritra Bhattacharyya. International Journal of Scientific Research April 2017
- Continuous fascia ilica compartment block for postoperative pain relief for patient undergoing shaft femur surgery- a prospective, randomized, comparative single blind observational study. Rajasree Biswas, S Nandy, A Acharya. Indian Medical Journal 2017 :111 ; December, pg 21(A)

SERVICE INFORMATION

A. OPD (Anesthesiology)

Number of patients attending OPD for Pre-anaesthetic check up: 19846

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

SN	Unit	No. of cases
1	Reduction OT	587
2	ENT OT	2054
3	New Plastic Surgery OT	1062
4	Burns OT	252
5	Eye OT	25
6	Ligation OT	1809
7	Main OT (General Surgery)	3405
8	Main OT (Plastic Surgery)	683
9	Gynecology OT (Elective + Emergency)	1735 + 3526
10	Emergency OT	6067
11	Urology OT (including Renal Transplant)	1647
12	Woodburn OT (Orthopedic OT)	1564
13	Neurosurgery OT	79
14	Neonatal Surgery OT	97
15	Pediatric Surgery OT	1883
16	MRI Suite	190

C. ITU:

- Patients admitted + Transfer in: 122 + 382
 - Discharge + Transfer out: 75 + 291
 - Mortality Statistics: 82 (16.26%)
 - Number of patients discharged against medical advice: 2
-

ANATOMY

FACULTY & STAFF

Faculty

1	Dr. Asis Kumar Ghosal	MBBS, MD	Professor & Head
2	Dr. (Smt.) Indra Datta	MBBS, MD	Professor
3	Dr. Rajib Kundu	MBBS, MD	Professor
4	Dr. Hironmoy Roy	MBBS, MD	Associate Professor
5	Dr. Ananya Biswas	MBBS, MD	Associate Professor
6	Dr. Iman Sinha	MBBS, MD	Assistant Professor
7	Dr. Alipta Bhattacharya	MBBS, D.O, M.D	Assistant Professor
8	Dr. Tulusi Mandal	MBBS, MD	Assistant Professor
9	Dr. Arnab Bhattacharya	MBBS, MD	Assistant Professor (Detailed at Murshidabad Medical College)
10	Dr. Barindra Nath Mandal	MBBS	Demonstrator
11	Dr. Soumali Biswas	MBBS, MD	Demonstrator
12	Dr. Anwesha Pal	MBBS, MD	Demonstrator
13	Dr. Madhumita Dutta	MBBS, MD	Demonstrator
14	Dr. Joydeep Saha	MBBS, MD	Demonstrator

Two Associate Professor and one senior resident have joined in this year(2018).

Promoted and transferred: Dr. Debjani Roy, Dr. Sanchita Roy, Dr. Prerana Aggarwal, Dr. Sutandro Choudhury, Dr. Ratnadeep Poddar.

Newly Joined: Senior Resident Dr. Swagata Bhattacharya (MBBS, MD)

Medical Technologists (Laboratory): Mr. Sahadev Maity, Mrs. Sukriti Chakraborty

Other non-teaching Staffs:

Name	Designation	Remarks
Mr. Tapas De	GDA	
Mr. Ashok Mallick	Dom	
Mr. Dinesh Mallick	Dom	
Mr. Anil Kumar Mallick	Dom	
Mr. Atish Mallick	Dom	
Mr. Sanjay Mallick	Dom	Currently detailed at Dept. of Forensic Medicine

Post of Sweeper is currently vacant.

Postgraduate (MD Anatomy) Trainees:

SN	Name	Year	Session
1	Dr. Akash Kusum Banerjee	3 rd year	2016 – 2019
2	Dr. Biswanath Baskey	3 rd year	2016 – 2019
3	Dr. Sulakshana Pal	2 nd year	2017 – 2020

REGULAR ACADEMIC ACTIVITY

- Department is actively associated with theoretical & practical teaching programme for Postgraduate students of Anatomy.
- Regular Lecture and Demonstration classes for the students of B.P.T, B.Sc. Nursing, D.C.L.T., D.P.F.T, D.C.C.T, D.O.T.T & E.C.G technician courses.
- Research guidance for PGT students by the senior teachers of the Department.
- Regular departmental meeting for academic and Research upgradation / development.
- Regular endoscopic study and temporal bone dissection on the fresh cadaver done by the faculty and PGTs of ENT department in a special separate dissection hall in the Department of Anatomy.
- Undergraduate and Postgraduate Seminars, micro-teaching & journal club discussion are conducted routinely.
- Dissection with dissecting microscope started in collaboration with the Department of Neurosurgery, BIN.

Research publications by faculty and PGTs

- 1) A morphological and morphometric study on Menisco-Femoral ligaments of knee joints and its variations; Dr P Aggarwal, Dr A Pal, Dr A.K.Ghosal, Dr I Dutta, Dr B Banerjee DOI 10.7860/JCDR/2018/30936.11276
- 2) Antropometric measurements of the hand length and their correlation with the stature in eastern Indian population; Dr P Agarwal, Dr A Pal, Dr I Dutta,; National Journal of Medical Research. Print ISSN: 2249 4995/e/SSN: 2277 8810
- 3) Reeti R, Kundu R. Deviated Nasal Septum in a population of eastern India presenting with sino-nasal complaints- A radiological study. J.Evid.Based Med Health Care 2018;5(19),P.1503-1506.
- 4) Roy R, Kundu R, Sengupta M, Som P. Association between digit length ratio(2D:4D) and polycystic ovarian syndrome(PCOS) – a study among eastern Indian population. Journal of the Anatomical Society of India.2018;67(S2) page S14-S19, vol 67,supplement 2
- 5) Ray Kuntala, Roy Hironmoy, Das Mridumay. Trends of transfusion transmissible infections among blood donors, in a rural medical college of West Bengal. Al ameen Journal of Medical Sciences 2018: Apr Vol-11(2); 28-36
- 6) Biswas A, Bhar A. Dimentions of the lower end of femur in eastern India. J Evid Based Med Health Care Vol 5, Feb 2018.
- 7) Communication between musculocutaneous nerve and median nerve- Types and Incidence in Eastern Indian Population—Dr. S.Biswas, Dr. A. Pal, Prof. A.K.Ghosal; IJBAMR, June 2018: Vol-7, Issue-3, P-7-15
- 8) Identification of sex from inion- opisthocranium – asterion triangle in Indian skull; Dr. A.Pal, Dr. S. Pal, Prof. A.K.Ghosal; Global journal for research analysis, July 2018: Vol-7, Issue-7, P-13-14.
- 9) High up division and variation in branching pattern of brachial artery- a cadaveric study in Eastern Indian Population; Dr. J. Saha, Dr. A. Pal, Prof. A. K. Ghosal; IJAR, June 2018; Vol-8, Issue-6, P- 35-36.
- 10) Estimation of fetal age in relation to parity by sonographic assessment of umbilical cord diameter; Dr. S. Bhattacharya, Dr. D. Maity, Dr.A.Sadhu, Dr. S.Khanra; Annals of international medical and dental research 2018; 4(6); AT01-AT04
- 11) A study on variations of accessory coracobrachialis muscle along with variations of biceps brachii muscle; Dr. D. Maity, Dr. S. Bhattacharya; International journal of Anatomical variation- 2018; 11 (2): 66-69.
- 12) Roy Hironmoy, Ray Kuntala. Educational Environment- a reflection of MBBS students in a rural medical college of West Bengal. Al Ameen Journal of Medical Sciences. Accepted on 17th November 2018.

Current problems on which research work is ongoing

- A comparative study on differences in morphological and histological change of placenta, birth weight and height of baby between normal pregnancy and pregnancy induced hypertensive mother; Dr. Biswanath Baskey, Prof. Indra Datta
- Association of sex chromosome and autosomal factors in male subjects of infertile couples – an eastern Indian study; Dr. Akash Kusum Banerjee, Prof. A.K. Ghosal.
- Correlation between of skin fold thickness and grade of Non alcoholic steatohepatitis- a study in Kolkata, West Bengal; Dr. Sulakshana Pal, Prof. A.K. Ghosal
- A study on anomalous attachments of biceps brachii muscle in west Bengal population; Dr A. Biswas, Dr A Bhar
- Mandibular accessory foramen- An anatomical study in dry adult human mandibles of eastern India- Dr A. Pal, Dr T Mondal, Prof A K Ghosal , sent to IJBAMR for approval
- Measurement of Educational Environment and comparison study in different Government Medical Colleges of West Bengal. (WBUHS PhD acceptance in Dec 2017)

SERVICE INFORMATION

Continuous motivation for donation of dead bodies is carried out. The program has seen great success in the current year.

The 'Body donation Pledge Form' is available online at the official website of IPGME&R, Kolkata.

Bangur Institute of Neurosciences Neuroanesthesiology

FACULTY

Dr. Amita Acharya DA, MD	Professor & Head
Dr. Saikat Neogi, MD, PDCC (Neuroanesthesia)	Assistant Professor
Dr. Indrani Chakraborty MD	Assistant Professor

Posts of Clinical Tutors are currently vacant.

Neurointensive Care Unit: Medical Officers

- Dr. Sujata Samaddar
- Dr. Anish Kumar Das
- Dr. Prosanto Mandal
- Dr. Rina Sarkar
- Dr. Anjan Chowdhury

One post of Medical Officer for Neurointensive Care Unit is currently vacant.

REGULAR ACADEMIC ACTIVITY

- Attending CME programme organized by ISA (WB Branch) at different medical colleges and private medical institutions by post graduate trainees and teachers.
- Attending various conferences at the state as well as national levels by postgraduate 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 postgraduate students to the Bangur Institute of Neurology, IPGME&R, Kolkata from various postgraduate institutes of West Bengal.
- Regular class taken for Diploma in Critical Care students

Research work as thesis topics – ongoing / proposed

Student	Guide / Co-Guide	Topic
Dr. Asit Biswas	Dr. Saikat Niyogi Dr. Indrani Chakraborty	Comparative study between intranasal and intravenous dexmedetomidine as a premedication to attenuate hemodynamic response to laryngoscopy and endotracheal intubation in elective lumbar spine surgery.
Dr. Debjani Saha	Dr. Amita Acharya Dr. Rajiv Samal	Effect of dexmedetomidine as an adjuvant to ropivacaine in ultrasound guided brachial plexus block via supraclavicular approach – a randomized placebo-controlled double-blinded trial.
Dr. Titas Mandal	Dr. Amita Acharya Dr. Sandeep Kumar Kar	The comparative effects of desflurane and isoflurane on intraoperative cerebral hemodynamics, cardiovascular changes and postoperative recovery in patients undergoing craniotomy for supratentorial tumors.

Dr. Pijush Kanti Bera	Dr. Amita Acharya Dr. Indrani Mitra	Efficacy of atomized intranasal dexmedetomidine on patient's comfort and sedation during awake fiberoptic intubation in unstable cervical spine fracture: a randomized placebo controlled double blind prospective study.
Dr. Biswadip Mondal	Dr. Saikat Niyogi Dr. Rajiv Kumar Samal	Comparative evaluation of fixed dose dexmedetomidine and esmolol infusion as an anesthetic adjuvant during intracranial surgery for supratentorial tumor: a double blind randomized study.
Dr. Kabir Hossain	Dr. Amita Acharjee Dr. Rajashree Biswas	Comparative study of intranasal dexmedetomidine versus oral triclofos sodium as premedicant in children undergoing computed tomography imaging: a parallel group single blind randomized controlled trial.

Publications

- Saikat Niyogi, Arka Das, Jisnu Nayak, Amita Acharjee, Indrani Chakraborty. Efficacy of intranasal dexmedetomidine for attenuation of laryngoscopic stress response in adult patient posted for elective lumbar spine surgery—a randomized placebo controlled double blind study. J Ind Med Assoc 2018; 116(April).

SERVICE INFORMATION

OPD (Pain Clinic)

Number of old patients attending 652
Number of new patients attending 122

No. of operations done in the operation theatres of BIN:

Major OT 113

Minor OT

- Lumber puncture 252
- Peripheral block for trigeminal neuralgia 154
- USG guided central line 232
- USG guided peripheral block for lower limb (caudal/sciatic nerve block) 32
- USG guided peripheral block for upper limb (brachial/stellate ganglion block) 23

Neurointensive care unit (NICU)

Admitted 672 Discharged 514

No. of CT scan under GA 260

Bangur Institute of Neurosciences Neurology (Neuromedicine)

Teachers and medical officers

Faculty		
Dr. Shyamal Kumar Das	MD, DM	Professor & Head (till Aug, 2018)
Dr. Goutam Gangopadhyay	MD, DM	Professor & Head (Present)
Dr. Tejendra Narayan Kundu	MD, DM	Professor
Dr. Atanu Biswas	MD, DM	Professor
Dr. Biman Kanti Roy	MD, DM	Professor
Dr. Alak Pandit	MD, DM	Associate Professor
Dr. Samar Biswas	MD, DM	Assistant Professor
Dr. Adreesh Mukherjee	MD, DM	Clinical Tutor
Neurogenetic unit		
Dr. Anindita Joardar	MSc, PhD	Assistant Professor
Mr. Sayantan Chakravarty	MSc	Senior Research Fellow
Mr. Sarnava Roy	MSc	Research Associate
Medical officers (in Neuro emergency)		
Dr. Bijan Kumar Samajapati	MBBS	Medical Officer
Dr. Mridula Chakarborty	MBBS, DGO	Medical Officer
Dr. Sikha Roy	MBBS	Medical Officer
Dr. Anjana Mukherjee	MBBS	Medical Officer
Dr. Malay Das	MBBS	Medical Officer
Dr. Chandan Burman	MBBS	Medical Officer
Senior Residents		
Dr. Goutam Das	MD, DM	MO on Supy Duty RRDH
Dr. Urmila Das	MD, DM	Senior Resident
Dr. Souvik Dubey	MD, DM	Senior Resident

Our heartfelt condolence on the recent demise of Dr. Shyamal Kumar Das, Professor and Head of the Department. He was a sincere, hard working and lovable person. May his soul rest in peace.

Dr. Deb Sankar Guin MD, DNB (Med), DM, Assistant Professor, resigned.

Postdoctoral trainees (DM Neuromedicine) – Seven students per year

1st year DM Residents	2nd year DM Residents	3rd year DM Residents
Dr. Subhadeep Gupta Dr. Amlan Kusum Datta Dr. Ritwika Majumdar Dr. Dhruvajyoti Mridha Dr. Ranjan Mohanty Dr. S. Sandeep Kumar Dr. Arpan Datta	Dr. Swati Kumar Dr. Jasodhara Chaudhuri Dr. Subhash Bhui Dr. Srimant pattnaik Dr. Usha Humbi Dr. Debyayanam Sahu Dr. Abhishek Chowdhury	Dr. Arghya Deb Dr. Aswini Bhat Dr. Niraj Saraf Dr. Vishal Sawale Dr. Durjoy Lahiri Dr. Kumar Vijay Anand Dr. Vinayak Rodge

Department achievements

- Dr. Vishal Sawale got Best presenter Award in MDSICON WB Chapter 2018 for paper presentation "Chorea-Ballism in a case of MELAS syndrome with a 3251G mutation in mitochondrial genome- a case report."
- Dr. Vinayak Rodge got First prize in E-poster Presentation in IANCON 2018 for "Clinical Profile of Cavernous sinus Syndrome in Tertiary Care Centre."
- Dr. Jasodhara Chaudhuri got First prize in Poster Presentation in ANEICON 2018 for "A Family of Charcot Marie Tooth disease with complex CNS features."
- Dr. Arghya Deb won TYSA neurology zonal round and qualified for National round.

CURRENT RESEARCH WORK**Epilepsy**

- Clinical evaluation and psychiatric profile in patients with psychogenic non epileptic seizure in a tertiary care Hospital (Dr. Arghya)
- Study of post stroke seizure in eastern India-A cross sectional study (Dr Usha)

Dementia

- Cognitive function assessment and behavior in large vessel vs small vessel vascular dementia in a tertiary care Hospital (Dr. Aswini)

Stroke

- Complications in first ever acute stroke in first week of hospitalized patient in tertiary care Hospital (Dr. Vishal)
- A Study of Aphasia in first ever acute stroke patients in a tertiary care Hospital (Dr. Durjoy)
- Clinical profiling of headache in first ever acute stroke in a tertiary care Hospital (Dr. Vijay)
- (Dr. Dibyayanam)

Neuromuscular

- A hospital based study on normal peroneal F-wave (Dr.Srimant)

Neurogenetics

- A study of mutation in ATP7B Gene and its correlation with cognitive impairment, clinical phenotype and radiological features in patients of Wilson's Disease- a population based study in a tertiary care institute of Eastern India. (Dr.Jasodhara)

Demyelinating disorders

- Spectrum of idiopathic inflammatory demyelinating disorders of the central nervous system in a tertiary care Hospital (Dr. Niraj)
- Study of Clinico-radiological profile with special emphasis on Cognitive changes in Patients of primary idiopathic inflammatory demyelinating disorders of the central nervous system. (Dr. Swati)

Neurophthalmology

- Clinical profile of cavernous sinus syndrome in a tertiary care Hospital (Dr. Vinayak)

Miscellaneous

- A study of non-motor manifestations in patients with Amyotrophic lateral Sclerosis.
- Profile and severity correlation of ataxia patients in a tertiary care institute in eastern India.

Collaborative work with the National Biogenomics Institute

SERVICE INFORMATION

Attendance at OPD

Month	New	Old	Total
Nov 2017	3728	11310	15038
Dec 2017	3479	9641	13120
Jan 2018	3485	9637	13122
Feb 2018	5322	16745	22067
Mar 2018	11085	3426	14511
Apr 2018	11090	3054	14144
May 2018	10492	2005	12497
Jun 2018	11210	2000	13210
Jul 2018	12539	1862	15401
Aug 2018	12731	2184	14915
Sept 2018	13618	1991	15609
Oct 2018	13700	1154	14954
Grand total	124889	53699	178588

Emergency Department (Neuroemergency)

Attendance between Nov 2017 – Oct 2018 21347

In-patient

Total admission

Diagnoses	Number of patients	
	BIN Indoor (Old + New)	BIN Annex (Ramrik hospital)
1. Stroke	357 (22.06%)	997 (55%)
2. Metabolic encephalopathy	43 (2.66%)	93 (5.1%)
3. Wilson disease	16 (0.98%)	6 (0.33%)
4. Degenerative dementia	47 (2.90%)	77 (4.2%)
5. Movement disorders	102 (6.30%)	30 (1.64%)
a) Parkinson disease	73 (4.51%)	21(0.11%)
b) Others	50 (3.09%)	10 (0.54%)
6. Infections	99 (6.11%)	111 (6.08%)
a) Acute	32 (1.97%)	77 (4.22%)
b) Chronic	67 (4.14%)	34(2.08)%
i) Tuberculosis	63 (3.89%)	30 (1.64%)
ii) Fungal	2 (0.12%)	2 (0.11%)
iii) Slow virus	2 (0.12%)	2 (0.11%)
7. Demyelination	101 (6.24%)	39(2.13%)
a) Primary	61 (3.77%)	28 (1.53%)
b) Secondary	40 (2.47%)	11(0.60%)

8. Spinal cord disease	87 (5.37%)	35(1.91%)
a) Acute	32 (1.97%)	22 (1.20%)
b) Chronic	55 (3.39%)	13 (0.71%)
9. Neuromuscular junction	36 (2.22%)	10(0.54%)
10.Peripheral neuropathy	69 (4.26%)	70(3.83%)
11.Muscle disease	22 (1.35%)	9 (0.49%)
12.Seizure	89 (5.50%)	63 (3.45%)
13.Optic neuritis	39 (2.41%)	16(0.87%)
14.Orbital apex syndrome/ Multiple cranial nerve palsy	26 (1.60%)	12 (0.65%)
15.SSPE	3 (0.18%)	2 (0.11%)
16.Periodic paralysis	5 (0.31%)	3(0.16%)
Grand total	1618 (100%)	1823 (100%)

Special clinic performance Nov '17- Oct '18

Clinic name	Consultant in charge	New	Old	Total
Cognitive	Prof. Atanu Biswas	127	301	428
Headache	Prof. Biman Kanti Ray	77	197	274
Movement disorder	Prof. Shyamal Kumar Das Prof. Atanu Biswas	188	1012	1100
Botulinum toxin	Dr Samar Biswas	357	501	858
Epilepsy	Prof Gautam Ganguly	754	3012	3766
Stroke	Prof. Biman Kanti Roy Prof. T.N. Kundu	563	1070	1663
Neurogenetics	Dr Debshankar Guin Dr. Samar Biswas	201	279	480
Neuromuscular	Dr. Alak Pandit	107	491	598
Demyelination	Prof. Gautam Ganguly	161	219	380
Pain		131	177	208
	Total	2666	7259	9855

Electrophysiology laboratory performance in 2018

Test	BIN	BIN Annex (RHH)
EEG	7123	366
EMG/NCS	6400	222
VEP/BERA	3116	99
RNST	291	70
Polysomnography	31	4
Grand total	16961	761

Report of Neurogenetic unit, Neurology department 2018

Number of patients for whom the following diagnostic tests were done in the Genetic Laboratory in the above said time – 195

Muscle Diseases
Duchene's Muscular Dystrophy – 46
Becker's Muscular Dystrophy – 10
Myotonic Dystrophy-I – 22
Spinal Muscular Atrophy – 17
Movement Disorders
Huntington's Disease – 19
Autosomal Dominant Ataxia; SCA1, SCA2, SCA3, SCA6, SCA12, DRPLA – 64
Autosomal Recessive Ataxia; Friedreich's Ataxia – 17

Genetic Counselling is done to 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.

Projects running in the Neurogenetic Unit funded by State DST

- Contribution of met66 brain-derived neurotrophic factor in mild to moderate head injury in Eastern India. One year project with a budget of Rs. 8,66,200.00; project ended on February, 2018
- Apolipoprotein E polymorphism and its effect in stroke: a population based study in Eastern India. Three year project with a budget of Rs. 17,41,200.00; project ongoing.

Abstract presentation of projects running in the Neurogenetic Unit, Dept. of Neurology, BIN, funded by State DST

- Role of Val 66 Met polymorphism of Brain-Derived Neurotropic Factor (BDNF) in Clinical and Neurocognitive recovery from Traumatic Brain Injury (TBI). Sutopa Roy¹, Rakesh AV², Sarnava Roy^{1*}, Anindita Joardar¹ and S.N. Ghosh², submitted at 26th Bangla State Science Congress.

ACADEMIC ACTIVITY

- Weekly regular case presentation, seminar, journal clubs, monthly statistical meeting (auditing of death cases) are carried throughout the year.
- All third year residents participated in annual conference of Indian Academy of Neurology (IANCON) held at Raipur, Chhatisgarh in September, 2018 and presented papers.
- All second year residents participated in annual conference of Associations of Neuroscientist of Eastern India held at Kaziranga, Assam in November, 2018 and presented papers.
- Multiple Sclerosis Seminar with Dr. Peter Reigman, a global stalwart of Multiple Sclerosis.
- A Teaching Course on Cognitive Neurology for postgraduates on 10th June 2018 at IPGME&R and BIN. It was an activity of Cognitive Neurology Subsection of Indian Academy of Neurology organised by Prof. Dr. Atanu Biswas.

Publications

1. Doyel Ghosh, Pritha Mukhopadhyay, Prasanta Kumar Roy, Atanu Biswas. Wilson's disease: a cognitive neuropsychological perspective. Open J Psychiatry Allied Sci. 2018 Sep 14. [Epub ahead of print]

2. Souvik Dubey, Gautam Das, Subhankar Chatterjee, Atanu Biswas, Swati Paul. Social aspects of dementia: Indian scenario. Journal of the Indian Medical Association 2017; 115(12):76-79
3. Two Chapters in IAN Textbook of Neurology (First Edition). Publisher: Jaypee Brothers Medical Publishers (P) Ltd. Editors: Arabinda Mukherjee, Kalyan B Bhattacharyya, Gagandeep Singh
 - a. Atanu Biswas and Arabinda Mukherjee. Acute Disseminated Encephalomyelitis. Chapter: 62
 - b. Atanu Biswas and Sandip Pal. Rapidly Progressive Dementia. Chapter:76
4. Adreesh Mukherjee, Atanu Biswas, Arijit Roy, Samar Biswas, GoutamGangopadhyay, Shyamal Kr. Das. Behavioural and Psychological Symptoms of Dementia: Correlates and Impact on Caregiver Distress. Dement GeriatrCognDisordExtra.Nov 2017. DOI: 10.1159/000481568
5. Shyamal Kumar Das, Souvik Dubey. Editorial debate: Differentiating mild cognitive impairment from normal cognition and frank dementia utilizing structural changes observed on Magnetic resonance Imaging. Neurology India.2018 March15.

Conferences attended by faculty

Prof. Goutam Ganguly

- EEG Workshop at Benaras.

Prof. Tejendra Narayan Kundu

- ANEICON 2018 at Kaziranga, Assam.

Prof. Atanu Biswas

- 26th Annual Conference of Indian Academy of Neurology at Raipur in September 27-30, 2018 and chaired a session.
- Delivered a lecture on "Autoimmune Encephalitis" at a symposium on Neuroimmunology at Institute of Neurosciences, Kolkata (INK) on September 16, 2018.
- Delivered a lecture at Neuro Update at Patna on 18th November 2018 titled "Approach to a patient of Cognitive dysfunction".
- Delivered a lecture on "Autoimmune Encephalitis" and chaired a session at Neuro Update Kolkata, held at Indian Institute of Chemical Biology (IICB), Kolkata on November 25, 2018.

Prof. Biman Kanti Roy

- National stroke Conference Delhi
- IANCON Raipur

Dr. Alak Pandit

- International Conference of Neuroelectrophysiology, Bangalore
- Conference of Neuroimmunology, Bangalore
- ICCN, Mumbai

Dr. Samar Biswas

- IANCON, Raipur

Dr. Adreesh Mukherjee

- MDSICON 2018
- AAN Annual Meeting 2018

Bangor Institute of Neurosciences

Neurosurgery

Faculty and Medical Officers

Dr. Samarendra Nath Ghosh MBBS, Dip BMS, D Ortho, MS, DNB, Mch	Professor & Head
Dr. Anup Kumar Chowdhury MBBS, MS, MCh	Professor
Dr. Subhasish Ghosh MBBS, MS, MCh	Professor
Dr. Sudipta Chatterjee MBBS, MS, MCh	Professor
Dr. Shahid Iftekhar Siddique MBBS, MS, MCh	Assistant Professor
Dr. Srikrishna Majhi MBBS, MS, MCh	Assistant Professor
Dr. Gitanjali Dutta MBBS, MS, MCh	Assistant Professor
Dr. Moloy Kumar Das MBBS	Medical Officer
Dr. Anjana Mukherjee MBBS	Medical Officer
Dr. Shikha Roy MBBS	Medical Officer
Dr. Harish Chandra Gupta MBBS, MS, MCh	Senior Resident
Dr. Shubhamitra Chaudhuri MBBS, MS, MCh	Senior Resident

Postdoctoral Trainees (MCh Residents; 8 per year)

2016-2019	2017-2020	2018-2021
Dr. Sandeep Yadav Dr. Rajyalaxmi Edupuganti Dr. Harin Modi Dr. Uttreshwar Honrao Dr. Rahul Ahluwalia Dr. Sanjeev Srivastava Dr. Pranjal Pandey	Dr.. Gaurav Srivastav Dr.. Prateek Kumar Gupta Dr.. Shri Ram Gupta Dr.. Sabyasachi Saha Dr.. Jamulla Kartik Eshwar Patro Dr.. Salvinder Singh Toor Dr.. Shreyaskumar Virsinghbhai Chaudhari Dr.. Kamlesh Agarwal	Dr. Gajendra Singh Sandhu Dr. Vikas Jayant Dr. Arvind Kumar Agrahari Dr. Dasuklang D'Siar Dr. Firdos Ahmed Malik Dr. Md. Shahid Alam Dr. Alok Nath Dr. Sanjeev Kumar Chhabra

M.Ch Degree Recipients in 2018 (2015-2018 Session)

- Dr. Abhishek Singh
- Dr. Lokesh Mahajan
- Dr. Sorabh Gupta
- Dr. Shafi Ahmed Rizvi
- Dr. Ajay Kumar
- Dr. Krishnendu Sardar
- Dr. Shreevijay Phadke
- Dr. Anoop Varma

FACULTY NEWS

Prof. Samarendra Nath Ghosh

Publications

- Singh A, Chaudhuri AK, Ghosh SN, Sadique SI, Majhi S; Feasibility of Extended Conservative Approach in Management of CSF Rhinorrhea; Int J Neurol Neurosurg; 10(2) Apr-Jun 18.
- Singh A, Ghosh SN, Chaudhuri AK, Sadique SI, Chaudhuri S; Lipomyelomeningocele: Controversies in Management; IP Ind J Neurosci; January-March,2018;4(1):3-5.
- Singh A, Sadique SI, Ghosh SN. Intraorbital foreign body with intracranial extension: A case series. Int Clin Neurosci J.2018;5(1):43-45. doi:10.15171/icnj.2018.08.

Prof. Subhasis Ghosh

- Attended the 3DSkullBase Anatomy Workshop in Grant & JJ Medical College, Mumbai on Oct 06 2018.

Publications

- Roy K, Ghosh P, Sandeep BV, Kumar J, Saha SK, Ghosh S, Tripathi P; Lower Half Laminectomy for Lumbar Disc Herniation, A Study of 350 cases In The Last Decade; Int J Cur Research; 10(10), 74196-74200.

Dr. Shahid Iftekhar Sadique

- Attended 66th Conference of Neurological Society of India – NSICON 2016 held at Nagpur from Nov 30 to Dec 03 2017.

Publications

- Singh A, Chaudhuri AK, Ghosh SN, Sadique SI, Majhi S; Feasibility of Extended Conservative Approach in Management of CSF Rhinorrhea; Int J Neurol Neurosurg; 10(2) Apr-Jun 18.
- Singh A, Ghosh SN, Chaudhuri AK, Sadique SI, Chaudhuri S; Lipomyelomeningocele: Controversies in Management; IP Ind J Neurosci; January-March,2018;4(1):3-5.
- Singh A, Sadique SI, Ghosh SN. Intraorbital foreign body with intracranial extension: A case series. Int Clin Neurosci J.2018;5(1):43-45. doi:10.15171/icnj.2018.08.

Dr. Srikrishna Majhi

- Attended International Conference on Complications in Neurosurgery (ICCN 2017) in Mumbai as Delegate.

Dr. Gitanjali Datta

- Attended 66th Conference of Neurological Society of India – NSICON 2016 held at Nagpur from Nov 30 to Dec 03 2017.
- Attended International Conference on Complications in Neurosurgery (ICCN 2017) in Mumbai.
- Attended Neurotrauma 2018 (27th Annual Conference of the Neurotrauma Society of India) in Lucknow in August 2018 as Delegate.

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)

Research activity**3rd Year PDT Thesis Topics**

- Dr. Sandeep Yadav – Study of Different Surgical and Non-Surgical Modalities for Intracranial Aneurysms : An Institution-Based Prospective Study
- Dr. Rajyalaxmi Edupuganti – Role of Isocitrate Dehydrogenase Gene (IDH) In Paediatric Posterior Fossa Brain Tumors
- Dr. Harin Modi – Endoscopy Assisted Cranial Microsurgery – A Prospective Study
- Dr. Uttareshwar Honrao – An Institutional Prospective Observational Study of Pediatric Spinal Injuries
- Dr. Rahul Ahluwalia–Variations in Vertebral Artery Anatomy and Its Implications In Cranio-Vertebral Junction Anomalies
- Dr. Sanjeev Srivastava – Evaluation of Role of Occipito-Cervical Fusion In Management of Upper Cervical Instability

- Dr. Pranjal Pandey – An Institutional Study of Pediatric Chiari-2 Malformations
- Dr. Rakesh AV – Contribution of Brain Derived Neurotrophic Factor (BDNF) Val-66-Met Polymorphism in Clinical and Neurocognitive Recovery From Mild and Moderate Traumatic Brain Injury : A Study From a Tertiary Care Hospital in Eastern India

2nd Year PDT Thesis Topics

- Dr. Gaurav Srivastav – Clinical Study of Dorsal Ligamentum Flavum Hypertrophy With Compressive Myelopathy and Its Management
- Dr. Prateek Kumar Gupta – Clinical Study of Traumatic Subarachnoid Hemorrhage and its Management : An Institution Based Prospective Study
- Dr. Shri Ram Gupta – A Prospective Longitudinal Clinical Study of patients Admitted with Traumatic Acute Subdural Hemorrhage and Undergoing Decompressive Craniectomy with Special Reference to Prognostic Factors
- Dr. Sabyasachi Saha – Clinical Study of Cauda Equina Syndrome and its Management
- Dr. Jamulla Kartik Eshwar Patro – Study of Outcome in Subaxial Cervical Spine Injuries – Management by Anterior Cervical Dynamic Plate with Cage/Graft Fixation and Posterior Cervical Lateral Mass Screw Rod Fixation Methods
- Dr. Salvinder Singh Toor – Correlation of Gross Macroscopic Appearance, Frozen Section and Histopathological Examination in Brain Tumors
- Dr. Shreyaskumar Virsinghbai Chaudhari – Clinicopathological Observational Study of Cases of Spinal Dysraphism with Specific Reference to Intraoperative Neuromonitoring
- Dr. Kamlesh Agarwal – Study of Facial Nerve Motor Evoked Potential in Cerebellopontine Angle Surgery : An Institution Based Prospective Study

Ongoing research projects

- Significance of IDH expression in gliomas, a WB DBT Funded Project. PI: Prof. S. N. Ghosh and Prof. Uttara Chatterjee.
- Contribution of Brain Derived Neurotrophic Factor (BDNF) Val-66-Met Polymorphism in Clinical and Neurocognitive Recovery From Mild and Moderate Traumatic Brain Injury: PI Prof. S. N. Ghosh, Dr Anindita Joardar (Neurogenetics Unit, BIN).
- Trauma Audit Filter Trial (TAFT) – a 5 Year (2016-2021) prospective Analysis of Trauma Audit Modifiers – PI Prof SN Ghosh and Prof. M. L. Saha (In Collaboration With Karolinska Institute Sweden) Conducted by the Swedish Research Council.
- TTRIS - Trauma Triage Study - In Collaboration With Karolinska Institutet Sweden – PI Prof. S. N. Ghosh and Prof. M. L. Saha.

Conferences attended and presentations by residents

Dr. Rakesh AV

- Attended the Annual Conference of the Walter Dandy Neurosurgical Society in Agra, 4-6 Jan 2018
- Attended the Annual Conference of the Neurological Surgeons Society of India in February 2018 in Lucknow, won 1st Prize in Award Paper Presentation
- Attended the International Basic Neurosurgery Course in Antalya, Turkey from April 28-March 3, 2018, presented a talk on Cauda Equina Syndrome
- Attended the August 2018 Sano-Sengupta Academy for Aneurysm Surgery at Institute of Neurosciences, Kolkata

Dr. Jamulla Kartik Eshwar Patro

- Attended the NSI Foundation Course in July 2018

Dr. Uttareshwar Honrao

- Attended Microvascular Anastomosis Workshop (Ethicon, Mumbai) in July 2018
- Attended the August 2018 Sano-Sengupta Academy for Aneurysm Surgery at Institute of Neurosciences, Kolkata
- Attended the 3DSkullBase Anatomy Workshop in Grant & JJ Medical College, Mumbai on Oct 06 2018

Dr. Harin Modi

- Presented Paper at NSSICON 2018 Lucknow (An Epidemiological Analysis of Patients with Spinal Injuries Presenting to a Tertiary Care Hospital in Eastern India)
- Attended Microvascular Anastomosis Workshop (Ethicon, Mumbai) in July 2018
- Attended the August 2018 Sano-Sengupta Academy for Aneurysm Surgery at Institute of Neurosciences, Kolkata
- Attended the 3DSkullBase Anatomy Workshop in Grant & JJ Medical College, Mumbai on Oct 06 2018

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
- 3 days per week Neurosurgery Elective OT at SSKM Main OT Complex (Tuesday/Thursday/Saturday)
- 24x7x365 BIN Emergency and Emergency admission Services at NCB/Alex/CCU
- Round the clock Emergency Operations at NER OT Complex

Services Summary (01/11/2017 to 31/10/2018)

OPD attendance	83458
Admissions in BIN	1408
Major operations in BIN	1355
Minor operations in BIN	523
Diagnostic DSA in BIN	87
Endovascular neurointerventions (Aneurysm coiling / AVM embolization) in BIN	12
Total operations in BIN (major + minor + diagnostic DSA + Endovascular intervention)	1977
Admissions in SSKM hospital (NCB, Alex, Alex Extn, CCU)	4780
Operations SSKM hospital – Emergency OT	1697
Operations SSKM hospital – Main OT	73
Total operations SSKM hospital	1770
Total admissions neurosurgery department BIN and SSKM Hospital	6188
Total operations neurosurgery department BIN and SSKM hospital	3747

Biochemistry

Faculty

Dr. Mousumi Mukhopadhyay, MD	Professor and Head
Dr. Santanu Banerjee, MD	Professor
Dr. Debasish Mandal, MD	Associate Professor
Dr. Debojyoti Bhattacharya, MD	Associate Professor
Dr. Jayati Roy Choudhury, MD	Assistant Professor
Dr. Kasturi Mukherjee, MD, DNB	Assistant Professor
Dr. Arghya Ray Chaudhuri, MD	Demonstrator
Dr. Tanushri Khatua, MD	Demonstrator

Postgraduate Trainees

Session 2016-2019	Session 2017-2020	Session 2018-2021
Dr. Sayani Chaudhury Dr. Tiasha Sinha Dr. Ayesha Hassan Dr. Anannya Ghosh Dr. Parna Chakraborty Dr. Sudarshan Chakraborty Dr. Ajay Biswas	Dr. Sovan Sannigrahi Dr. Amirullah Ali Dr. Tanmoy Satiar Dr. Moumita Naskar (Das) Dr. Quazi Md. Tajuddin	Dr. Abhijit Saha Dr. Madhushree Pahari Dr. Arkajit Dasgupta Dr. Debabrata Chatterjee Dr. Soma Mondal Dr. Sudipa Pal Dr. RajaniKanta Mondal

PhD research scholars

Mr. Jit Poddar
Ms. Upasana Ganguly

Publications of faculty members and students in last three years

1. Chakrabarti S, Sinha M, Thakurta I.G, Banerjee P, Chattopadhyay M (2013). Oxidative stress and amyloid beta toxicity in Alzheimers disease; intervention in a complex relationship by antioxidants. Curr Medic Chem. (in press)
2. Sinharay M and Mukhopadhyay M. A case of Hurler Scheie Syndrome, attenuated form of mucopolysaccharidosis Type I. Int J Curr Res Rev. (2013); 05 (14); 49-5
3. Roy UK, Pal M, Datta S, Ghosh T, Harlalka S, and Ray Chaudhuri A. Assessment of susceptibility of different areas of brain to oxidative stress in insulin induced hypoglycaemic diabetic rats. Int J Biol Med Res (2013);4(4):3550-57
4. Pal M, Datta S, Pradhan AK, Biswas L, Ghosh J, Mondal P, Rahut R, Ray Chaudhuri A, Sau S and Das S. Comparison between different methods of estimation of vitamin D. Adv Biol Chem (2013);3:501-504
5. C Chattopadhyay S, Chakraborty S, Bhattacharyya S and Biswas. Primary Hyperparathyroidism due to bilateral parathyroid adenoma - A clinical case report. (2014);6(1); 95-100
6. Choudhuri S, Sharma C, Banerjee A, Kumar S, Kumar L, Singh N. A repertoire of biomarkers helps in detection and assessment of therapeutic response in epithelial ovarian cancer. Mol Cell Biochem (2014)
7. Patel S, Choudhuri S, Kumar L, Singh N. Role of Metformin and Paclitaxel alone and in combination in primary ovarian cancer cells. Int J Biol & Pharm Research. 2016; 7(5): 262-268.
8. Bhattacharyya S, Mukhopadhyay M, Chakraborty S and Banerjee S. Fructosemia with early onset and atypical presentation- A clinical case report. Int J Adv Case Reports. (2014); 1(4); 153-155.

9. Chatterjee S and Mukhopadhyay M. Assessment of the relationship of the circulating nitrate-nitrite ratio with the female sex steroids in different phases of the menstrual cycle. (2015);13(2).
10. Jana S, Mukhopadhyay M, Bandyopadhyay SN, Jana T, Pramanik S. Preeclampsia is associated with elevated iron and ferritin in third trimester of pregnancy: a cross sectional observational study from a tertiary centre at Kolkata. JMSCR. (2018);6(2):1170-1175.
11. Biswas S, Pal DK, Mukhopadhyay M, Metabolic alteration in prostatic neoplasm :An eastern Indian study. SJAMS;2018;6(8)3077-3080
12. Deb N, Chatterjee S, Mukhopadhyay M, Majumder B, Bhattacharya S. Assessment of serum nitrate-nitrite ratio Vis-a-vis insulin sensitivity and resistance in type 2 diabetics in a tertiary hospital in eastern India. IJRMS. (2017);5(1):231-235.
13. Das M, Ray Chaudhuri P, Mondal BC, Mitra S, Bandyopadhyay D, Pramanik S. Assessment of serum magnesium levels and its outcome in neonates of eclamptic mothers treated with low-dose Magnesium sulfate regimen. Ind J Pharm. Oct 2015; 47(5); 502-508.
14. Mukherjee S, Bhattacharjee D, Manna K. Biochemical markers of cardiac risk and their relationship to spirometric indices of airway obstruction among COPD outpatients IN Medical college and hospital in Kolkata. AJIM (2017)
15. Ghosh S, Bhattacharjee D, Maity C, Bhattacharya G. Correlation Between Serum Homocysteine And Total Bilirubin In Metabolic Syndrome. J. Evolution. Med. Dent. Sc. Oct (2016);5(80);1-5.
16. Mandal N, Bhattacharjee D, Raut JK, Dasgupta A, Bhattacharya G, Sarkar C, Gangopadhyaya PK. Effect of Copper on L-Cysteine/L-Cystine Influx in Normal Human Erythrocytes and Erythrocytes of Wilson's Disease . IJCB (2016);31(4):468-472.
17. Mukherjee K, Bhattacharjee D, Chakraborti G, Chatterji S. Prevalence and antibiotic susceptibility pattern of Enterococcus species from various samples in a tertiary care hospital in Kolkata. International Journal of Contemporary Medical Research. 3(6)2016:1565-67.
18. Bhattacharjee D, Manna K, Kar R, Mukherjee K, Rana P, Chakraborty G, Chowdhury SP. Increased incidence of Intra cerebral Haemorrhage in winter in India-a prospective study. IOSR Journal of Dental and Medical Science. 14 (1):06-10.
19. Bhattacharjee D, Mukherjee K, Manna K, Kaiser S, Pulai S, Chaudhury SP. Study of Serum Sialic Acid and Copper as Inflammatory Markers in Type 2 Diabetes Mellitus. Indian Medical Gazette; 149 (1): 13-18.
20. Lahiri K D, Kundu A, Maji B, Dutta J, Datta H. Variations in the natural course of elevated plasma homocysteine level following retinal vein occlusion at presentation. WJPR. 2017; 6(6); 1086-91.
21. Lahiri K D, Mukherjee S, Ghosh S, Mukherjee S, Dutta J, Datta H et al. Hyperhomocysteinemia, a biochemical tool for differentiating ischemic and nonischemic central retinal vein occlusion during the early acute phase. Korean J Ophthalmol. 2015; 29(2); 86-91.
22. Lahiri K D, Kundu A, Baruah M, Biswas C, Das A, Nazm N. A study of correlation of plasma homocysteine with serum lipid profile in retinal vein occlusion. Current Indian Eye Research. 2015; 2; 66-71.
23. Lahiri K D, Kundu A, Baruah M, Ghosh J. Establishment of reference interval of aqueous humor glucose concentration in normoglycemic senile cataract patients in a population of West Bengal. Current Indian Eye Research. 2018; 5: 10-3.
24. Lahiri K D. Reinvention of clinical use of urine glucose test as a predictor of glucose lowering efficacy of SGLT2-inhibitor therapy as oral hypoglycemic agent in type 2 Diabetes Mellitus. Global journal for research analysis. 2018; 7(8): 59-60.
25. Karmakar A, Roy Choudhury J, Guha B and Rout JK. Glycated haemoglobin for the diagnosis of diabetes mellitus and to determine estimated average glucose (EAG) concentration. IOSR-JDMS (2015);14(2);15-18
26. Roy Choudhury J, Karmakar A, Guha B, Das B and Rout JK. Ischaemia modified albumin and malondialdehyde level in subjects suffering from hypothyroidism. Int J Biochem Res & Rev. (2015);7(3);160-165

27. Banerjee S, Roy Choudhury J, Chakraborty I. Evaluation of preanalytical errors in clinical biochemistry laboratory in a tertiary care hospital in Kolkata. . J. Evolution. Med. Dent. Sci. 2018; 7(09); 1118-1120.
28. Choudhury JR, Banerjee S, Chakraborty I. Implementation of sigma metrics for evaluation of analytical quality in clinical biochemistry laboratory of a tertiary care hospital. J. Evolution. Med. Dent. Sci. 2018; 7(21); 2539-2542.
29. Bhattacharyya R, Mukherjee K, Anti-thyroid Peroxidase Antibody during early pregnancy is associated with pregnancy complications and maternal morbidity in later life. Journal of Natural Science, Biology and Medicine. 2016; 6(2); 402-405.
30. Kumar A, Dalai C, Banerjee S, Pattern of Drugs used in orthopaedic outpatient department in a tertiary Care Teaching Hospital in West Bengal. IJBAR; 2017; 7(1); 230-245
31. Kumar A, Dalai C, Banerjee S, Distribution of illness of orthopaedic outpatient department in a tertiary Care Teaching Hospital in West Bengal. IJRMS; 2018; 6(1); 206-207
32. Das N, Mandal D, Ray Chaudhuri A, Karmakar A, Ray A, Mukhopadhyay M, Importance of Assessment of Serum Magnesium in type II Diabetes Mellitus patient and its relationship with Urinary Microalbumin Creatinine Ratio. J Med Res Prac 2018; 7(3); 68-70

Regular Academic activities

- Weekly Seminar
- Journal Club
- Clinical Seminar
- Theory and Practical classes for MD, MBBS, DMLT, BPT classes
- Thesis/Dissertation of MD students

Conference or Workshop attended by faculty and students

1. Pre Conference CME and Workshop on Haemoglobinopathies and HB Typing organized by ACCLMPCON at R.G. Kar Medical College on 1st December, 2018 attended by PGTs and Faculty.
2. Pre Conference CME and Workshop on Laboratory Automation organized by ACCLMPCON on 7th December attended by PGTs and Faculty.
3. Fourth Annual Conference of ACCLMPCON 2019 on 12th and 13th January 2018; attended by faculties and PGTs
4. Pre Conference CME and Workshop on Detection of Aneuploidy and Maternal Screening organized by AMBICON on 22nd December, 2018 attended by faculties and PGTs at N.R.S Medical College.
5. Annual Conference of AMBICON (State Chapter) held at Medical College, Kolkata on 29th December, 2018 attended by faculties and PGTs
6. AMBI national conference (including pre-conference workshop) at Lady Hardinge Medical College from 15th to 19th November 2018; attended by PGTs
7. ACBI national conference (including pre-conference workshop), Goa, from 24th to 26th October 2018; attended by Faculty
8. National Conference of Biomarker held at J N Medical College & Hospital, 20th -21th January, 2018, Attended by Faculty
9. CME on Quality Management (Risk Assessment in Clinical Laboratory), Organized by BIORAD in 17th November, 2018, Attended by Faculty.

Training programs attended

Training Programme on "Medical Education Research and Technology" at Institute of Health & Family Welfare, Kolkata by faculty Dr. Sharmistha Choudhuri, Dr. Amrita Karmakar & Dr. Arghya Ray Chaudhuri

Census of test done in last year***Number of samples analyzed in 2018***

IPD	OPD	Emergency
95472	107340	33288

Number of samples analyzed in 2018 by chemiluminiscence

1	TSH	38172
2	fT4	26708
3	fT3	212
4	LH	2092
5	FSH	2420
6	Prolactin	3724
7	CA 125	620
8	CA 15.3	68
9	CA 19.9	208
10	CEA	248
11	PSA	772
12	Protein electrophoresis	64
13	25 (OH) Vit. D ₃	273
14	Serum Fe	752
15	TIBC	702
16	Transferrin saturation	702
17	Ferritin	752
18	Vit. B ₁₂	304

Number of samples analyzed in 2018 by autoanalyzer, semi-autoanalyzer and ISE

1	Alkaline phosphatase	108600
2	Albumin	117600
3	Amylase	1440
4	BUN (Urea)	214500
5	Bilirubin	105600
6	Creatinine	188700
7	Calcium	34800
8	Cholesterol	42900
9	Direct HDL	14400
10	Direct LDL	4200
11	Na+ K+ Cl ⁻	216000
12	Triglyceride	30180
13	Total protein	122400
14	HBA _{1c}	6600
15	SGOT	125700
16	SGPT	140940
17	Blood glucose	188880
18	Micro-albumin	180000
19	24 hours protein	4200
20	Uric acid	26700
21	LDH	18900
22	Phosphate	25008

Community Medicine

FACULTY

Dr. Raghunath Misra	DTM&H,MD	Professor & MSVP, SSKM Hospital
Dr. Mausumi Basu	MD	Associate Professor and HOD
Dr. Tushar Kanti Mondal	MD	Associate Professor
Dr. Subhra Sammujiwal Basu	MD	Associate Professor
Dr. Sanjay Kumar Saha	MD,DPM	Associate Professor
Dr. Sinjita Dutta	MD	Epidemiologist-Cum-Assistant Professor
Dr. Kuntala Ray	MD	Assistant Professor
Dr. Aditi Chaudhury	MD	Assistant Professor
Dr. Murari Mohan Mondal	MD	Assistant Professor-Cum-Mo, RHTC
Dr. Sribas Roy	MBBS	Demonstrator
Dr. Somak Majumdar	MD	Demonstrator

FACULTY NEWS

Prof. (Dr.) Raghunath Misra

Academic activity

1. Teaching of Undergraduate (MBBS), Post Graduate (MD in Community Medicine) of AIHH&PH, Kolkata, M.Sc.(Nursing) and BPT students.
2. Adjudicator of three dissertations, submitted in connection with MD in Community Examination of the West Bengal University of Health Sciences
3. Reviewer of British Medical Journal, Indian Journal of Community Medicine, Journal of Comprehensive Health, South East Asian Journal of Public Health, and Journal of Health, Population and Nutrition, International Journal of Food & Nutrition.
4. Paper-setter for MBBS 3rd Professional Part 1 examination 2017 in community Medicine of the West Bengal University of Health Sciences
5. Paper-setter for MD in Community Medicine examination 2017 in the West Bengal University of Health Sciences
6. Validation of Research Tools: Research Tools of 10 M.Sc (Nursing) students of the West Bengal University Of Health Sciences during the year.
7. Statistical analysis of dissertation/thesis work of the post Graduate and post doctoral students of different departments of IPGME&R, Kolkata'

Research activity

1. Principal Investigator of West Bengal for the "Study on Costing of Health Care in India" involving different MRUs of the country
2. CO-Principal Investigator of West Bengal for the "Study on Mental Health in India"
3. Organized ten short term projects by involving undergraduate students during the year 2017.

Professional/Academic Bodies membership

- National Vice-President, Indian Association of Preventive & Social Medicine till 31st March 2018
- National Editorial Board Member of Indian Journal of Community Medicine
- Editorial Board member of Journal of Comprehensive Health
- Executive Member, Indian Association of Tropical Medicine & Infectious Diseases
- Member, Indian Public Health Association
- Member, Indian Association of Sports Medicine
- Member, Maternal Death Review Committee of IPGME&R
- Member, Arsenic Task force and Arsenic pollution control committee of Government of West Bengal

Training activity

- National Trainer of IMNCI
- State Trainer of FIMNCI
- National Trainer HIV sentinels Surveillance.
- National Trainer of Disaster Preparedness and Management

Meetings, Conferences, CMEs, Workshops and Seminars attended

- Participated as a resource person and chief guest of the National seminar on Nutrition at ICARE Institution of Health Sciences at Haldia
- Attended Joint Annual Conference of RSSDI WB Chapter & Endocrine Society of Bengal 2018 on 12.05.2018; and 13.05.2016.
- Attended Annual State Conference of IAPSM WB Chapter at College of Medicine and Sagar Dutta Hospital, Kolkata in May, 2018
- Attended Revised Basic Course Workshop in MET in January 2018 at MCI Regional Centre, KGMU.
- Attended One Day Sensitization Workshop on ATCOM module in February at MCI Regional Centre, KGMU.
- Participated in the Regional Workshop on involvement of Medical Colleges in NUHM at Bhubaneswar on 10.04.18

Publications

1. Dutta S, De A, Ray S, Basu M, Misra RN. Quality of life and its determinants: A study among cancer patients in radiotherapy outpatient department of a tertiary care hospital of Kolkata. Journal of Preventive Medicine and Holistic Health 2018;4(1):24-30.
2. Chattopadhyay S, Saha S, Basu M, Misra R. A Study on Cardiovascular Disease Risk Factors among Faculty Members of a Tertiary Care Teaching Institute of Kolkata. The Journal of Community Health Management 2018;5(2):64-71.

Dr. Mausumi Basu:**Academic activity:**

- Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Projects.
- Worked as an expert in the selection process of recruitment for the post of General Duty Medical Officer(GDMO) conducted by the West Bengal Health Recruitment Board(WBHRB) on 24.01.2018;25.01.2018;29.01.2018.
- Worked as expert in connection with the inspection of colleges affiliated to Maulana Abul Kalam Azad University of Technology West Bengal on 01.02.2018;02.02.2018;22.02.2018;27.02.2018,20.03.2018,23.03.2018, 27.03.2018, 26.04.2018 and 25.05.2018.
- Nominated as CC Member to attend IPHACON 2018 at Lucknow on behalf of Bengal Branch of IPHA.
- Chairperson of IPHACON 2018 on 10.02.2018 at KGMU, Lucknow.
- Talk on Kolkata Doordarshan DISHA Programme about Mission Indradhanush on 17.03.2018
- Speaker on Sportsmedcon 2018 the topic of "Changing lifestyle- boon or bane for sports excellence"on 18.03.2018 at CMRI.
- Resource person on Sensitization Programme of IDSP on 26.03.2018 at IPGME&R.
- Organized World Health Day Quiz among U.G. Students on 07.04.2018 at IPGME&R, organized by IAPSM.
- Took class for AFIH Participants (Factory Officers) 2018 on 16.04.2018;22.05.2018 at IISWBM, Kolkata.
- Evaluator of research proposals for IAPSM (WB) Grant for Best Research Project (initiated by Prof. Akalanka Bhandari) on 16.04.2018,
- Chairperson of expert committee for onsite physical verification inspection for Fellowship in Clinical Nutrition course on 23.04.2018 at Tata Medical Centre, Kolkata.
- Resource Person of IMNCI on 16.05.2018; 17.05.2018 at IPGME&R/SSKM organized by West Bengal Government College of Nursing, SSKM Hospital Campus.
- Resource Person of Infectious Disease Modelling Workshop on 06.07.2018.
- Resource person on World Breastfeeding Week 2018 on 03.08.2018 at Asia Heart Foundation organized by IPHA, HQ.
- Organized MRVC training on 19.11.2018 at IPGME&R.
- Speaker of MRVC on 24.09.2018 at NRSMCH organized by IAGPA.
- Awareness talks on 28.08.2018 at Kolkata Doordarshan in Ghare Baire programme.
- Speaker of Adult immunization on 22.09.2018 at NRSMCH organized by IAGPA.
- Operational Research Project on TB notification approved by State Operational Research Committee on 28.09.2018.

- Resource Person of “R Workshop” on 06.12.2017 at IPGME&R.

Meetings, conferences, CMEs, workshops and seminars attended:

- Attended at CC Meeting of IPHACON 2018 on behalf of Bengal Branch on 08.02.2018 at KGMU, Lucknow.
- Attended IPHACON 2018 on 09.02.2018; 10.02.2018 and 11.02.2018 at KGMU, Lucknow.
- Attended Swachhata Pakhwada 1-15 March 2018 on 15.03.2018 at Food & Nutrition Board Office, Esplanade East.
- Attended World Health Day symposium on 07.04.2018 at NRSMC, organized by DAIWB.
- Attended STF Meeting RNTCP, West Bengal on 12.04.2018, 28.09.2018 at R.G.Kar Medical College & Hospital.
- Attended 3rd National Congress on Clinical Diabetes on 14.04.2018 organized by Association of Clinical Diabetology.
- Attended Joint Annual Conference of RSSDI WB Chapter & Endocrine Society of Bengal 2018 on 12.05.2018; and 13.05.2016.
- Attended IDEACON 2018 on 06.07.2018; 07.07.2018; 08.07.2018.
- Attended Insulin Discovery Day Celebration 2018 on 29.07.2018.
- Attended Diabetes Control and Complication Summit (DCCS) on 12.08.2018 at IRC Sonar.
- Organized and attended Seminar on Hepatitis on 14.08.2018 at IPGME&R.
- Attended monthly CME on 25.08.2018 at NRSMC organized by AIGPA.
- Attended Peer Review Meeting of IJPH on 25.08.2018, 03.11.2018 at IPHA Bhawan.
- Organized and attended Seminar on Arthritis on 29.08.2018 at IPGME&R.
- Attended UG Quiz on 05.09.2018 at IPGME&R.
- Attended Revised Basic Course Workshop in MET from 24.09.2018 to 26.09.2018 at MCI Regional Centre, KGMU.
- Attended One Day Sensitization Workshop on ATCOM module on 27.09.2018 at MCI Regional Centre, KGMU.
- Attended IPHA Foundation Day on 28.09.2018 at CNMC.
- Attended College Council Meeting on 26.10.2018 at IPGME&R.
- Attended Measles Rubella Vaccine Campaign (MRVC) on 08.11.2018 at Swasthya Bhavan.
- Attended MRVC AEFI meeting on 12.11.2018 at B.R. Singh Hospital.
- Attended District Level Core Committee meeting on MRVC on 15.11.2018 at Calcutta Corporation.
- Attended Seminar on Lung Transfer on 17.11.2018 at IPGME&R.
- Attended Suraksha Clinic Meeting on 22.11.2018 at Dermatology, IPGME&R.
- Attended Seminar on NACP IV on 24.11.2018 at NRSMC&H organized by IAPSMWB.

Clinical Activity:

- Regularly attended OPD throughout the year almost on every Saturday.

Training activity:

- Got certificate of completion of ACDC – Advanced Course on Death Certification on 01.01.2018, Organized by **The Centre for Global Health Research (CGHR) Training Centre in collaboration with Indian Council of Medical Research(ICMR)**.
- Got Certificate of Achievements of MECOR India Course Level 2 Bengaluru, 15-20 January 2018 organized by American Thoracic Society.
- Revised Basic Course Workshop in MET from 24.09.2018 to 26.09.2018 at KGMU.
- Trained on ATCOM module on 27.09.2018 at KGMU.
- Registered for Health Research Fundamentals on 16.11.2018 organized by NPTEL.
- Obtained certificate for “Manage TB” with Elite Performance on 18.11.2018 organized by NPTEL.
- Successful completion of “Diploma in Community Mental Health” (Dip CMH).
- Registered for Advanced Diploma/Certificate Course in “Addiction” on 19.11.2018 organized by NIMHANS.

Publications:

1. Sinha D, Basu M, De A, Bandyopadhyay K, Banerjee S. Standard for TB Care in India (STCI) Guidelines - A Study on Knowledge, Attitude and Practice among Junior Doctors of a Tertiary Care Hospital of Kolkata. Journal of Preventive Medicine and Holistic Health 2018;4(1):48-53.
2. Dutta S, De A, Ray S, Basu M, Misra RN. Quality of life and its determinants: A study among cancer patients in radiotherapy outpatient department of a tertiary care hospital of Kolkata. Journal of Preventive Medicine and Holistic Health 2018;4(1):24-30.

3. Chattopadhyay S, Saha S, Basu M, Misra R. A Study on Cardiovascular Disease Risk Factors among Faculty Members of a Tertiary Care Teaching Institute of Kolkata. The Journal of Community Health Management 2018;5(2):64-71.
4. Bhattacharya A, Chatterjee S, De A, Majumder S, Chowdhury KB, Basu M. Patient satisfaction at a primary level health-care facility in a district of West Bengal: Are our patients really satisfied?. Med J DY Patil Vidyapeeth 2018;11(4):326-31.

Research:

1. A Study on Work Related Neck Pain among Bank Employees in Kolkata- guide of STS of ICMR project - 2018.
2. A Study to Assess the Effectiveness of Integrated Training(IT) Programme on Notification of Tuberculosis(TB) cases to RNTCP by Registered Allopathic General Private Practitioners of Kolkata- Operational Research (OR) Project approved by State Operational Research Committee of RNTCP.
3. Reviewer, Editorial Board Member, and Editor-in-chief of 30 peer reviewed journals(such as Lung India).

Dr. Tushar Kanti Mondal

Teaching and Training given

- 1) Regularly took MBBS classes, Internal Examinations (Semesters, Items), Family Health Surveys and Undergraduate Projects
- 2) Involved in Teaching and training activities of undergraduate MBBS students
- 3) Involved in training and teaching of Interns at Urban Health and Training Centre (as In charge of UHTC), Behala and IPGMER
- 4) Teaching of MBBS Students, Bachelor of Physiotherapy Students, MSc. Nursing Students.
- 5) Training of final year MD (Community Medicine) students of All India Institute of Hygiene and Public Health.
- 6). Regular CME programme Journal club, and Seminars held in the Department involving the faculty members and PGTs

Publication:

- 1) Knowledge, Attitude and Practice of budding doctors in prevention of thalassemia, Chatterjee S, Mondal TK, G, Basu M. International journal of prevention and public health sciences. -2(4)-04-0A 2016.
- 2) Care of animal bite victim in Community and in health care facility in a rural area of West Bengal. Tushar Kanti Mondal, Prasanta Ray Karmakar Journal: IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), Volume, 15, Issue1 Ver. iv, (Jan-2016); p- 01-04.
- 3) A clinico-epidemiological study on snake bite in a tertiary care hospital of West Bengal-2017. Tushar Kanti Mondal, Munmun Das, Aditya prasad Sarkar, Ashish P Dudhe, Somnath Ghosh, International Journal of Medical science and Public Health, 2017/vol-6/issue 2,p-1-4

Own/Self academic programme:

Completed Certificate Courses of Advanced Certificate Course of Management of Diabetes and Cardiovascular Complication(ACMDC) and Certificate Courses of Management Thyroid Disorder(CCMTD), CCEBDM, CCMH, Asthma and COPD affiliated by PHFI- Public Health Foundation of India. Studying on certificate course of cardiovascular and stroke by (CCCS) PHFI

Academic activities

Research activities done by undergraduate students under the guidance of faculty members: A study on use of social media is a predictor of mental disorder by the medical students of a tertiary hospital of Kolkata, West Bengal

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

- 1). Attended Annual State Conference of IAPSM WB Chapter at College of Medicine and Sagar Dutta Hospital, Kolkata.
- 2). Attended World Health day 7th April topic-Diabetes Quiz at IPGMER, kolkata organised by IAPSM WB Chapter

- 3). Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- 4). Attended IPHA Annual State Conference, 2018
Attended IMA Annual State Conference organised by Indian Medical Association, W.B. chapter at Cultivation Science, Jadavpur, Kolkata
- 6). Attended World Diabetic Day Program held on 14th November-18, at Rotary Sadon, and also walk/"Padajatra" for diabetes organised by Diabetic Association of India, West Bengal Branch
- 7). Attended CME on Insulin Discovery Day, organised by IDA on 30th July, 2018
- 8). Attended 63 Foundation Day 2018 of IPHA organised by IPHA head quarter, Kolkata at R.G Medical College.
- 9). Attended MR vaccination training at Prosuti Sadan, Behala on 27.11.2018; and MR vaccine program at IPGME&R.
- 10). Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on July 18.
- 11). Attended Geriatric clinical meeting (Monthly at 4pm) IPGMER, organized by Geriatric Association of India (West Bengal) Chapter.
- 12). Attended Eye Donation Fortnight at IPGME&R.
- 13). Attended Organ Donation programmes at IPGMER
- 14). Attended and organized Undergraduate quiz at IPGME&R organized by IAPSMWB Chapter.
- 15). Attended IDEACON 2018
- 16). Attended RNTCP programme for daily regime at chest OPD organized by Chest Medicine of IPGMER.
- 17). Attended Medico-legal programmes on November, 2018 at City centre-1, Salt Lake City, Kolkata.
- 18). Attended vaccine program/CME at Medical college on November, 2018

Dr. Subhra Sammujwal Basu:

Academic activity

- Theory classes of 4th semester MBBS students
- Internal assessment of 7th semester MBBS students
- Facilitation of community posting of 4th semester students.
- Actively participated in vector control activity in IPGMER

Clinical & Other activities

- Participation in General OPD duty
- Participation in preparatory phase of MR Vaccination Campaign
- Training of vaccinators in Borough 15, KMC

Dr. Sanjay Kumar Saha:

Academic activity

- Theory classes of 4th semester MBBS students
- Internal assessment of 7th semester MBBS students
- Facilitation of community posting of 4th semester students.
- Actively participated in vector control activity in IPGMER

Dr Sinjita Dutta

Academic activity

- Reviewer of Indian Journal of Public Health
- Nodal officer of **Supportive Supervision of SOP of STI/RTI** from 20.08.2015 at IPGME&R.
- HIV/AIDS Core Committee Member of IPGME&R
- Validation of Research Tools: Research Tools M Sc (Nursing) students of the West Bengal University of Health Sciences during the year.
- Nodal Officer of KMC Borough 13 for MR vaccination campaign
- Organized World Health Day Quiz among U.G. Students on 07.04.2018 at IPGME&R, organized by IAPSM.
- Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Projects

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

- Attended Annual State Conference of IAPSM WB Chapter at College of Medicine and Sagar Dutta Hospital, Kolkata in May, 2018
- Attended Revised Basic Course Workshop in MET from 23.07.2018 to 25.07.2018 at MCI Regional Centre, KGMU.
- Attended One Day Sensitization Workshop on ATCOM module on 26.07.2018 at MCI Regional Centre, KGMU.
- Attended MRVC AEFI meeting on 12.11.2018 at B.R. Singh Hospital.
- Attended District Level Core Committee meeting on MRVC on 15.11.2018 at Calcutta Corporation.
- Attended Joint Annual Conference of RSSDI WB Chapter & Endocrine Society of Bengal 2018 on 12.05.2018; and 13.05.2018.
- Organized and attended Seminar on Hepatitis on 14.08.2018 at IPGME&R.
- Organized and attended Seminar on Arthritis on 29.08.2018 at IPGME&R.

Membership

- Member of IAPSM.
- Member of IPHA

Clinical activity

- Regularly attended OPD on every Thursday.
- Regularly runs and attends Adolescent Health Clinic every Thursday at IPGME&R, Kolkata

Publication

Dutta S, De A, Ray S, Basu M, Misra RN. Quality of life and its determinants: A study among cancer patients in radiotherapy outpatient department of a tertiary care hospital of Kolkata. *Journal of Preventive Medicine and Holistic Health* 2018;4(1):24-30

Dr. Kuntala Ray

Academic activity

- Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Projects.
- Organized & spoke in MRVC training on 19.11.2018 at IPGME&R.
- Organised & conducted UG Quiz on 05.09.2018 at IPGME&R.
- Organised and conducting IAPSMCON WB chapter May 2018.
- Participating in the training on 'Infectious disease modelling', July 2018.
- Participating in "At-Com" training in July 2018.
- Actively participated in vector control activity in IPGME & regular reporting from July to November 2018.
- Regularly attended OPD on every Tuesday.
 - Attended MRVC AEFI meeting on 12.11.2018 at B.R. Singh Hospital.
 - Attended District Level Core Committee meeting on MRVC on 15.11.2018 at Calcutta Corporation.
 - Organized and attended Seminar on Hepatitis on 14.08.2018 at IPGME&R.
 - Organized and attended Seminar on Arthritis on 29.08.2018 at IPGME&R.

Publications

1. Biswas R, Bhattacharjee S, Ray K, Roy JK, Sarkar TK, Chakraborty M. Assessment of knowledge and attitude regarding intrauterine devices among auxiliary nurse midwife in two districts of North Bengal. *Int J Community Med Public Health* 2018;5:4831-4
2. Ray K, Roy H, and Das M. Trends of transfusion transmissible infections among blood donors in a rural medical college of West Bengal, India. *Al Ameen J Medical Science* 2018;11(2):93-100

Dr Aditi Chaudhury

Academic activity

- Selected for International Medical Education Leadership Fellowship Programme of the Foundation for Advancement of International Medical Education and Research (FAIMER) at Institute of Medical Sciences & Research, Coimbatore (2018).
- Organised workshop on "Antibiotic Stewardship: Perspectives And Plans" on 15.03.2018 at IHFW, Kolkata
- Conducted prescription audit in West Bengal as a part of the National Quality Assurance Programme.
- Resource person & Course Coordinator for "Induction programme for Block Medical Officer of Health and Medical Officers under West Bengal Health Service" at IHFW, Kolkata

- Resource person for Medical Teachers Training Programme at IHFW, Kolkata.
- Resource person for Dental Teachers Training Programme at IHFW, Kolkata.

Publications :

1. Excessive daytime sleepiness and its determinants: do they have a pattern with study semesters among postgraduate medical resident doctors? Int J Community Med Public Health. Jan 2018. 5(1)
2. Measles occurrence, vaccination coverages and malnutrition in India: correlations, trends, and projections by time series analysis. Int J Community Med Public Health. Jan 2018. 5(1)
3. Self-reported sleep latency: pattern, association and predictors among medical residents in India". Int J Community Med Public Health . May 2018. 5(5)

Dr Murari Mohan Mandal

Academic activity:

- Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Projects.
- MOIC-cum-Assistant Professor: Rural Health Training Centre, IPGME&R
- Participated MRVC training on 19.11.2018 at IPGME&R.
- Participant of "R Workshop" on 06.12.2017 at IPGME&R

Meetings, conferences, CMEs, workshops and seminars attended:

- Attended World Health Day symposium on 07.04.2018 at NRSMC, organized by DAIWB.
- Attended STF Meeting RNTCP, West Bengal on 12.04.2018, 28.09.2018 at R.G.Kar Medical College & Hospital.
- Attended 3rd National Congress on Clinical Diabetes on 14.04.2018 organized by Association of Clinical Diabetology.
- Attended Joint Annual Conference of RSSDI WB Chapter & Endocrine Society of Bengal 2018 on 12.05.2018; and 13.05.2016.
- Attended IDEACON 2018 on 06.07.2018; 07.07.2018; 08.07.2018.
- Attended Insulin Discovery Day Celebration 2018 on 29.07.2018.
- Attended Diabetes Control and Complication Summit (DCCS) on 12.08.2018 at IRC Sonar.
- Organized and attended Seminar on Hepatitis on 14.08.2018 at IPGME&R.
- Attended UG Quiz on 05.09.2018 at IPGME&R.
- Attended IPHA Foundation Day on 28.09.2018 at CNMC.
- Attended Seminar on Lung Transfer on 17.11.2018 at IPGME&R.
- Attended Seminar on NACP IV on 24.11.2018 at NRSMC&H organized by IAPSMWB.

Membership:

- Life Member of IAPSM.
- Life Member of IPHA
- Associate Life Member API

Achievement:

- CCEBDM certificate from PHFI

Clinical Activity:

- Regularly attended **OPD** on every Thursday.
- Helped Internees to enhance clinical skills at General OPD at IPGME&R and Lakshibala Rural Hospital at Muchisa (RHTC), 24 Pgs (S).

Publications

1. Dr. Murari Mohan Mandal, Dr. Abhishek De and Dr. Saibendu Kumar Lahiri ; Socio-demographic correlates of morbidity in zari workers of rural West Bengal: International Journal of Applied Research 2017; 3(6): 792-799
2. Mandal M M et al.; Study on prediction of type 2 diabetes mellitus in undergraduate MBBS students: a cross-section study in a tertiary health center, Kolkata: Int J Res Med Sci. 2018 Jan;6(1):184-190

Dr Somak Majumdar

Academic activities:

- Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Projects.
- Actively participated in vector control activity in IPGME&R & performed regular reporting from July to November 2018.
- Conducted World Health Day Quiz among U.G. Students as a quizmaster on 07.04.2018 at IPGME&R, organized by IAPSM.
- Conducted UG Quiz as a quizmaster on 05.09.2018 at IPGME&R.

Speaker, Organized events and Resource Person:--

- Resource Person of “National level Workshop for use of R in Medical Research” held from 06.12.2017 to 09.12.2017 at IPGME&R.
- Was the speaker in a seminar on Hypertension and NCD-its prevention and control on 17.2.2018 at IPGME&R.
- Was the speaker in a seminar on COPD and good nebulisation practices on 31.5.2018 at IPGME&R.
- Was the speaker in a seminar on Decoding the right way of management of constipation on 18.6.2018 at IPGME&R.
- Organized “National level Workshop on Infectious Disease Modelling” on 06.07.2018.
- Was the speaker in a seminar on Micronutrients – role and deficiency on 20.8.2018 at IPGME&R.
- Was the speaker in a seminar on Insulinization – initiation, barriers and complications on 18.9.2018 at IPGME&R.

Meetings, conferences, CMEs, workshops and seminars attended:

- Attended seminar on Pedagogy on 22.01.2018 at IPGME&R.
- Attended APICON 2018 at Bengaluru in February 2018.
- Attended seminar on World TB day and current TB guidelines on 24.03.2018 at IPGME&R.
- Attended sensitization programme of IDSP on 26.03.2018 at IPGME&R.
- Attended seminar on MTP Act on 18.4.2018 at IPGME&R.
- Attended seminar on NVBDCP on 16.5.2018 at IPGME&R.
- Attended Joint Annual Conference of RSSDI WB Chapter & Endocrine Society of Bengal 2018 on 12.05.2018; and 13.05.2018.
- Attended Annual State Conference of IAPSM WB Chapter at College of Medicine and Sagar Dutta Hospital, Kolkata in May, 2018.
- Attended seminar on emerging and re-emerging infectious diseases on 2.6.2018 at IPGME&R.
- Attended seminar on National Health Programs related to communicable diseases on 9.6.2018 at IPGME&R.
- Attended seminar on NPCB and visual impairment on 14.6.18 at IPGME&R.
- Attended IDEACON 2018 on 06.07.2018; 07.07.2018; 08.07.2018.
- Attended seminar on Concepts of Causation and Association on 14.7.2018 at IPGME&R.
- Attended seminar in Pain Management & its recent advancements on 23.7.2018 at IPGME&R.
- Attended seminar on Immunization and its recent advances on 16.8.2018 at IPGME&R.
- Attended seminar on Concepts of Pain and how to tackle on 23.8.2018 at IPGME&R.
- Attended seminar on Arthritis & Vaccines on 31.8.2018 at IPGME&R.
- Attended seminar on Kala-Azar on 29.11.2018 at IPGME&R.
- Attended MRVC training on 19.11.2018 at IPGME&R.
- Attended Eye Donation Fortnight at IPGME&R.
- Attended Organ Donation programmes at IPGME&R.

Clinical activity

- Regularly attended OPD throughout the year on Tuesdays.

Training activity:

- Registered for “Master of Medicine in Family Medicine (M. Med)” course conducted by CMC, Vellore.
- Registered for “Certificate Course in Cardiovascular Diseases and Stroke (CCCS)” conducted by PHFI and American College of Cardiology.

Publications:

1. Bhattacharya A, Chatterjee S, De A, Majumdar S, Chowdhury KB, Basu M. Patient satisfaction at a primary level health-care facility in a district of West Bengal: Are our patients really satisfied?. Med J DY Patil Vidyapeeth 2018;11(4):326-31.

Research:

1. Medical care seeking practices and satisfaction level among patients attending OPD in a tertiary care hospital of Kolkata.
2. Assessment of Drug Prescribing Patterns using WHO indicators in a tertiary care hospital of Kolkata.

Dr. Sribas Ray**Academic activity**

- Regularly took practical classes of 3rd semester MBBS students.
- Guided MBBS students for Project, Family classes & Field Visits.
- Regularly took Sociology class of 2nd Year BPT students

Clinical activity

- Served in the Control Room of Swasthya Bhawan

Meetings, conferences, CMEs, workshops and seminars attended:

- Attended CME of Measles Rubella Vaccination Campaign at IPGME&R.

Ms. Meghna Mukherjee**Academic activity**

- Regularly took classes of MBBS and M.Sc. Nursing students and took Internal Examinations.
- Validation of research tool of projects of M.Sc. Nursing students.
- Organised workshop on 'Infectious Disease Modelling', July 2018 in IPGME&R, Kolkata.
- Organised UG Quiz on 05.09.2018 at IPGME&R.
- Participated in vector control activity in IPGME&R. Played role in conducting activity teams, sensitisation of masses on preventive measures and regular reporting on progress status of surrounding areas from July, 2018 to November, 2018.
- Acted as invigilator in various internal and external examinations held at IPGME&R.

DEPARTMENTAL ACTIVITIES**Academic activities**

- a. Teaching of MBBS Students, Bachelor of Physiotherapy Students, MSc. Nursing Students.
- b. The Department runs Urban Health Centre at the following Centres
 - i. UPHC 81 at 16 Mondal Temple Road; Kolkata-53
 - ii. Vidyasagar State General Hospital
Dr. Sanjay Kumar Saha is in charge of UHTC
Regular specialist visits occur at UHTC from IPGME&R (schedule of Specialist visit given as Annexure 1)
- c. The Department runs Rural Health Centre at Lakhsmi Bala Datta Rural Hospital
Dr. Murari Mohan Mandal is in charge of UHTC
Regular specialist visits occur at RHTC from IPGME&R (schedule of Specialist visit given as Annexure 1)
- d. Teaching and training of final year MD (Community Medicine) students of All India Institute of Hygiene and Public Health.
- e. Training of the interneers of IPGME&R
- f. Research activities done by undergraduate students under the guidance of faculty members-
 - i. A study on drug prescribing pattern using WHO indicators in a tertiary care hospital of Kolkata
 - ii. A study on Medical care seeking behaviour and patient satisfaction among patients attending OPD of a tertiary care hospital
 - iii. A study on social media addiction as a predictor of mental disorder among the undergraduate MBBS students of IPGME&R
 - iv. A study on depression among diabetic patient attending OPD of IPGME&R, Kolkata

- g. Nodal centre of 'Integrated Disease Surveillance Project' of SSKM Hospital, Kolkata. The department also conducts orientation Training Programmes for doctors, paramedical staff and nurses.
- h. Family Health Care Study done by the 6th Semester students in the urban field practice area.
- i. Regular CME programme Journal club, and Seminars held in the Department involving the faculty members and PGTs.
- j. Thesis protocol correction, thesis evaluation, thesis data analysis of post graduate students of IPGME&R and All India Institute of Hygiene and Public Health.
- k. Facility Based Maternal Death Review and periodic mentoring of quality of RCH services at different health care delivery levels e.g rural hospitals, PHC, sub centre etc are also conducted by the faculty members of the department in collaboration with other departments.

OPD activities

General OPD

Situated in the Ground Floor of Academic Building

Total OPD attendance since January 2017 to December 2018 – **14,760**

Attendance	Male	Female
New	5250	2740
Old	4250	2520
Total	9500	5260

OPD Roster

Tuesday	Thursday	Saturday
Dr Tushar Kanti Mondal Dr. Sanjay Saha Dr. Kuntala Ray Dr. Somak Majumdar	Prof. Raghunath Misra Dr. Subhra Samujwal Basu Dr Sinjita Dutta Dr. Murari Mohan Mandal	Dr Mausumi Basu Dr. Tushar Kanti Mondal

Adolescent Clinic

Adolescent Clinic is run by the Department of Community Medicine every Thursday

Dr. Sinjita Dutta, Assistant Professor and Ms. Maumita Mandal, Senior PHN are in charge of the Clinic from this Department

Immunisation Clinic

The immunisation clinic is run by the Community Medicine Department at the Ground Floor of Blood Bank Building adjacent to PP Unit.

Critical Care Medicine

This division of medicine has been designated as a separate department from August, 2017.

FACULTY & STAFF

Dr. Asutosh Ghosh	MD, DM (Pulm & C.C. Med), DTM&H, Dip Card	Professor; Designated as Head of new department from 03.08.2017
Dr. Rudrajit Paul	MD	Associate Professor
Dr. Manotosh Sutradhar	MD, FNB (CCM)	Assistant Professor
Dr. Indranil Thakur	MD	Assistant Professor
Dr. Subinay Chhaule	MD (Anesthesia)	Clinical Tutor
Dr. Ajanta Sarkar	MBBS, FCCM (WB)	Medical Officer
Dr. Nilanjan Das	MBBS, FCCM (WB)	Medical Officer
Dr. Kanailal De	MBBS	Medical Officer
Dr. Gautam Patra	MBBS, DGO	Medical Officer
Dr. Manoranjan Naskar	MBBS, DGO	Medical Officer
Dr. Satavisha Das	MBBS	Medical Officer
Dr. Sabuj Roy	MBBS	Medical Officer
Dr. Sourav Dey	MBBS	Medical Officer
Dr. Muktadeep Barai	MBBS	Medical Officer
Dr. Siddhartha Chakroborty	MBBS	Medical Officer
Dr. Tarashankar Mukherjee	MBBS	Medical Officer
Dr. Vikash Kumar Singh	MBBS	Medical Officer

Non-teaching staff

Mr. Sahidul Sk	B.Sc., DCCT	Medical Technologist
Mr. Subhajit Mondal	DCCT	Medical Technologist
Mr. Sandip Guha	B.Sc., DCCT	Medical Technologist
Mrs. Paramita Bhattacharya	B.Sc., DCCT	Medical Technologist
Mr. Debashis Chakroborty	BA, DCCT	Medical Technologist
Mr. Debashis Das	DCCT	Medical Technologist
Mr. Rabindranath Pramanik	BA, DCCT	Medical Technologist

ACADEMIC ACTIVITY

Training programs

1. Postgraduate Fellowship in Critical Care Medicine - 2 batches completed.
2. Diploma in Critical Care Technology (DCCT) – 2 years paramedical course.
3. MD (Medicine): Training of postgraduate students from General Medicine on rotation.
4. Training of Medical Officers coming periodically – as a part of State run project of Critical Care serving all the CCUs in West Bengal.
5. Training of Nursing Staff for different state run CCUs.

Research activity

1. Microbiological surveillance – National level, in collaboration with Dept. of Microbiology, IPGME&R and CDC, Atlanta.
2. Central Venous Catheter (CVC) insertion procedures & related microbiological surveillance - in collaboration with Dept. of Microbiology, IPGME&R and CDC, Atlanta.
3. Frequency of Non Convulsive Status Epilepticus in Critically Ill Patients – A Hospital Based Cross Sectional

SERVICE INFORMATION

Inpatient care : At 3rd. Floor , Main Block. Three subunits : ICU (Hall I & II), HDU and Recovery.

OPD : Ground floor, Cardiology building (Back side).

Total no. of Critical Care Beds : 32.

Facilities available :

All modern monitoring and support system including Multi channel monitor, Blood Gas & Electrolyte Analyzers, Invasive hemodynamic device, Bedside Ultrasonography, Ventilator – Invasive (21), Non Invasive (6), Bedside Dialysis (1) and Flexible Bronchoscopy (1)

Follow up OPD : Discharged patients are followed up on Thursdays at 2:00 p.m.

Total no. of patients attended in 2018 till date =389.

Some other discharged patients are followed up in OPDs of different other specialties as services warrant.

FURTHER INFORMATION

- New High Dependency Unit (HDU) & Recovery - as step down unit - under construction and will open soon.
 - Applied for starting post doctoral course in critical care medicine.
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Dentistry (Odontostomatology)

FACULTY

Dr. S. K. Das	MDS (Cal)	Professor & Head
Dr. B. Sengupta	MDS (WBUHS)	Assistant Professor

Dental Officers

Dr. P. S. Biswas	MDS (WBUHS) in Oral & Maxillofacial Surgery	Dental Surgeon on Supy Duty
Dr. T. Bhaumik	MDS (WBUHS) in Conservative Dentistry & Endodontics	Dental Surgeon on Supy Duty
Dr. S. K. Ghosh	BDS (Cal)	Dental Surgeon
Dr. A. Ghosh	BDS (Cal)	Dental Surgeon

House staff

Dr. Anindita Roy Dr. Porsia Roy Dr. Sukanya Patra Dr. Samsuddoha Mridha Dr. Nandakishore Ghosh	Dr. Shreyasi Bandyopadhyay Dr. Sanjay Kumar Upadhyay Dr. Nilesh Pakrashi Dr. Subhayu Dey Dr. Awahidar Rahaman	Dr. Suman Pradhan Dr. Disha Samajdar Dr. Tathagata Ghosh Dr. Ishita Das Mahapatra Dr. Swapnil Bhawmik
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Transfer and Postings

Dr. B. Sengupta, Assistant professor transferred from North Bengal Medical College and Hospital to IPGME&R, Kolkata, and joined on 29/11/2018.

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 etc, are being taken regularly.
- To promote academic interest amongst the House surgeons, they are being encouraged for clinical case presentation of different topics.
- Demonstration of critical fracture cases and bone plating.

SERVICE INFORMATION

The Department has no bed but provide extensive OPD services

OPD Location shifted from IPGME & SSKM Hospital to Sambhunath Pandit Hospital (Annex II)

OPD Attendance with effect from 30/06/2018

Yearly Total	Old Case	New Case	Average daily	Referrals
23800	6250	17550	95	1100

Minor oral surgical procedures performed under local anesthesia

- Surgical removal of impacted third molars
- Surgical removal of impacted canines.
- Removal of periapical lesions.
- Repair of dentoalveolar fractures and fractures of mandible (angle and parasymphysis), maxilla, orbital rim zygomatic complex under local anesthesia and intermaxillary fixation as well as mini bone plate fixation by extraoral incision under LA.
- Surgical excision of oral soft tissue growth.
- Surgical removal of intrabony lesion.
- Incisional and excisional biopsy.
- Arthrocentesis of Temporomandibular joint.
- 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 LA.

Other procedures performed in the department

- Anterior teeth endodontic treatment (RCT).
- Posterior teeth endodontic treatment (RCT).
- Supragingival and subgingival scaling and management of gum bleeding.
- Management of different oral mucosal lesions.
- Selective grinding/Coronoplasty..
- Treatment of soft tissue ulcers of benign nature.
- Pulp capping therapy.
- Splinting of traumatized mobile tooth.
- Analysis of orthodontic malocclusion with comprehensive treatment planning.
- Interdisciplinary referral from both outdoor and indoor department of IPGMER & SSKM and Sambhunath Pandit Hospital Annexure –II are all attended with utmost care and attention.
- Patients referral from Department of Nephrology, CTVS, Radiotherapy, Ophthalmology and Orthopedics are regularly examined and treated pre-surgically for necessary dental fitness.

Weekly Departmental Routine

DAY	OPD	MINOR OT	FLOOR
MONDAY	Dr. S. K. Das Dr. A. Ghosh	Dr. P. S Biswas	Dr. T. Bhaumik Dr. S. K. Ghosh
TUESDAY	Dr. S. K. Ghosh Dr. B. Sengupta	Dr. S. K. Das	Dr. T. Bhaumik Dr. B. Sengupta
WEDNESDAY	Dr. S. K. Das Dr. T. Bhaumik	Dr. S. K. Ghosh	Dr. P. S. Biswas Dr. S. K. Ghosh
THURSDAY	Dr. P. S. Biswas Dr. B. Sengupta	Dr. T. Bhaumik	Dr. T. Bhaumik Dr. B. Sengupta
FRIDAY	Dr. S. K. Das Dr. T. Bhaumik	Dr. P. S. Biswas	Dr. P. S. Biswas Dr. B. Sengupta
SATURDAY	Dr. S. K. Das Dr. A. Ghosh	Dr. A. Ghosh	Dr. T. Bhaumik Dr. A. Ghosh

Dermatology

FACULTY & STAFF

Faculty

Dr. Gobinda Chatterjee
Dr. Sumit Sen
Dr. Biswanath Naskar
Dr. Tanusree Sarkar
Dr. Joydeep Singha
Dr. Olympia Rudra
Dr. Tirthankar Gayen

Post/ Designation

Professor & Head
Professor
Professor
Associate Professor
Assistant Professor
Assistant Professor
RMO cum Clinical Tutor

Medical Officers

Dr. Pratima Majhi

Medical Officer

Faculty transferred in

- Dr. Tanusree Sarkar, Associate Professor, from Burdwan Medical College & Hospitals, Burdwan
- Dr. Olympia Rudra, Assistant Professor, from RG Kar Medical College & Hospitals, Kolkata

Faculty transferred out

- Dr. Biswanath Banerjee, Medical Officer

Postgraduate (MD) Trainees

1st year Residents	2nd year Residents	3rd year Residents
Dr. Subhadeep Mallick Dr. Somnath Das Dr. Surabhi Sharma Dr. Arpita Hati Dr. Aishwarya Prakash	Dr. Widhi Agrawal Dr. Shreya Poddar Dr. Jyoti Das Dr. Megha Kejriwal Dr. Parha Sarathi Nayak	Dr. Ashok Kumar Mandal Dr. Soumya Debta Dr. Sulagna Sarkar Dr. Vineet Kumar Sahu Dr. Gourab Roy

FACULTY NEWS

Prof. Gobinda Chatterjee

- Panelist at CUTICON 2018(State Conference) held at Kolkata in December 2017.
- Speaker at conference on Dermatology-Rheumatology conference held at Medical College, Kolkata
- Post-graduate examiner of WBUHS, Assam University and Ranchi University.
- Reviewer of Nature group of publications, Elsevier group of publications, ICMR journal.
- Member publon- an international group of peer reviewer.
- Member editorial board- Clinics in Oncology.
- Invited guest at World Science Conference held in Kolkata from 21st to 23rd November, 2018.
- Invited guest at Infosys annual prize giving ceremony.

Publications

- Chandra A1, Senapati S2, Roy S3, Chatterjee G4, Chatterjee R5. Epigenome-wide DNA methylation regulates cardinal pathological features of psoriasis. Clin Epigenetics. 2018 Aug 9;10(1):108. doi: 10.1186/s13148-018-0541-9.
- Majumdar B1, De A2, Ghosh S3, Sil A4, Sarda A5, Lahiri K5, Chatterjee G6, Das S2. "Turban PUVAsol:" A Simple, Novel, Effective, and Safe Treatment Option for Advanced and Refractory Cases of Alopecia Areata. Int J

- Trichology. 2018 May-Jun;10(3):124-128. doi: 10.4103/ijt.ijt_95_17.
- De A1, Hasanoor Reja AH2, Aggarwal I3, Sen S3, Sil A4, Bhattacharya B2, Sharma N1, Ansari A1, Sarda A5, Chatterjee G3, Das S1. Use of Fine Needle Aspirate from Peripheral Nerves of Pure-neural Leprosy for Cytology and Polymerase Chain Reaction to Confirm the Diagnosis: A Follow-up Study of 4 Years. Indian J Dermatol. 2017 Nov-Dec;62(6):635-643. doi: 10.4103/ijd.IJD_115_17.
 - Gayen T1, Das A2, Chatterjee G1, Aggarwal I1. Blaschko-linear Syringocystadenoma Papilliferum: A Peculiar Presentation. Indian Dermatol Online J. 2017 Nov-Dec;8(6):497-499. doi: 10.4103/idoj.IDOJ_131_17.
 - Das A1, Chandra A1, Chakraborty J1, Chattopadhyay A2, Senapati S3, Chatterjee G2, Chatterjee R4. Associations of ERAP1 coding variants and domain specific interaction with HLA-C*06 in the early onset psoriasis patients of India. Hum Immunol. 2017 Nov;78(11-12):724-730. doi: 10.1016/j.humimm.2017.08.006. Epub 2017 Sep 1.
 - Ghosh A1, Ahar R2, Chatterjee G3, Sharma N3, Jadhav SA3. Clinico-epidemiological Study of Congenital Ichthyosis in a Tertiary Care Center of Eastern India. Indian J Dermatol. 2017 Nov-Dec;62(6):606-611. doi: 10.4103/ijd.IJD_411_1.

Prof. Sumit Sen

- Organizing Vice Chairperson –CUTICON 2018 held at Kolkata in December 2017
- Ex-Honorary Secretary IADVLWB, Ex-Vice-President IADVL WB
- Member Central Scientific Committee of IADVL (national)
- Member Advisory board of Dermazone East held at Imphal 2017
- Member ART centre IPGMER & SSKM Hospitals, Kolkata
- Post Graduate examiner of WBUHS and Assam University in 2017, 2018
- MD Thesis guide
- Adjudicator for theses of MD students of WBUHS and Assam University
- Faculty –DERMACON 2017, 2018 and CUTICON 2017, 2018 Kolkata
- Co-guide of Dr Subhrangshu Chatterjee, Dr Brojesh Bhuniya of Department of Pharmacology and Dr Swati Paul of Department of Biochemistry, IPGME&R, Kolkata
- Total Number of Publications in indexed journals >54
- Reviewer: Indian Journal of Dermatology

Publications

- Mitra S, De Sarkar S, Pradhan A, Pati AK, Pradhan R, Mondal D, Sen S, Ghosh A. A study of the free radical scavenging effects of Piper betle leaf extract in patients with vitiligo. Indian J Dermatol Venereol Leprol. 2017 Dec;51(11-12):986-994.

Ongoing projects

- Clinico-Etiological study of non-melasma facial pigmentation in a tertiary care hospital in eastern India.
- Dermoscopic patterns of benign and malignant tumors of the skin: a descriptive study of patterns attending outpatient department of a tertiary care hospital in eastern India.

Prof. Biswanath Naskar

- Post graduate Examiner of WBUHS
- MD thesis guide.
- Attended MID CUTICON IN 2018 in CNMC, Kolkata.
- Attended CUTICON in December, 2018 in Kolkata.

Dr. Joydeep Singha

- MD Thesis Co-Guide.
- Attended CUTICON December, 2017 as faculty, held in Kolkata.

Dr. Tirthankar Gayen

- Attended CUTICON December, 2017 as faculty, held in Kolkata.

Publications

- Gayen T, Das A, Chatterjee G, Aggarwal I. Blaschko-linear syringocystadenoma papilliferum: A peculiar presentation. Indian Dermatol Online J 2017;8:497-93.

Ongoing projects

- Non-thermal plasma jet for blood coagulation and skin diseases treatment

SERVICE INFORMATION

Dermatology OPD: Monday to Saturday

- Leprosy Clinic: Wednesday
- STI (Suraksha Clinic): Monday to Saturday

- OPD Attendance: 144603 NEW: 104616 OLD: 39987 approx.
- Indoor Admission: 48
- Deaths 3
- Leprosy Clinic: 833
- STI (Suraksha Clinic): 2746

Minor surgical procedures performed

Skin biopsy, Intralesional therapy, Electrocautery, Radiofrequency, Chemical peel, Mini-punch grafting for vitiligo, Suction blister grafting etc.

- Patch testing for contact dermatitis and chronic urticaria.
- LASER: Monday, Tuesday, Wednesday, Thursday
- CRYOTHERAPY: Every fortnight

Total procedures: 5388

Endocrinology & Metabolism

STAFF

Faculty

Prof. Subhankar Chowdhury	:	Professor & Head
Prof. Satinath Mukhopadhyay	:	Professor
Dr. Pradip Mukhopadhyay	:	Associate Professor
Dr. Sujoy Ghosh	:	Associate Professor
Dr. Dibakar Biswas	:	Assistant Professor
Dr. Rana Bhattacharjee	:	RMO cum Clinical Tutor, Co In-charge, RIA Unit
Dr. Arijit Singha	:	RMO cum Clinical Tutor
Dr. Bibek Roy Chowdhury	:	In-charge, RIA Unit (Re-employed on contractual basis)

Other staff:

Mr. Ram Chandra Dey	:	Gr. I Stenotypist (Re-employed on contractual basis)
Mr. Monotosh Chandra	:	M.T. Lab
Mr. Pradip Mandal	:	M.T. Lab
Mr. Chandan Sarkar	:	M.T. Lab

Transfer and Posting

Nil.

FACULTY NEWS

Prof. Subhankar Chowdhury

Speaker

- "Controlling Post Prandial Glucose most crucial in reaching Glycemic Target" on 3rd February 2018 at Annual Conference of Diabetes India at Kolkata.
- Meet the expert session on managing difficult cases of Diabetes – on 1st February 2018 at Annual Conference of Diabetes India at Kolkata.
- "Endocrine Kaleidoscope on 2nd Annual Conference of SPEED at Gurgaon, Haryana.
- "SGLT 2inhibitor in management of Type II Diabetes family physician Workshop" on 25th February 2018 at Kolkata.
- "Diabetes & Depression" – at Annual Conference of Indian Society for Nutrition" on 10th March 2018 at Kolkata.
- "Positioning Insulin Analogue in clinical practice" at Insulin summit – Organised by Association of Physician at North Bengal, Siliguri on 28th April 2018.
- "How to treat Diabetes": Association of Physicians' perspective " at Annual Conference of IMA at Kolkata on 6th May 2018.
- "Newer challenge in management of Diabetes & YOU" at Kolkata on 1st Sept. 2018.
- "Management of PCOS: improving short & Long term outcome" at 48th Annual Conference of Endocrine Society in India at Bhubaneswar on 17th November 2018.
- "Pathogenesis of GDN – What is new" on 23rd November 2018 at 46th Annual Conference of RSSDI, Ahmedabad, Gujarat.

Oration

- M.N.De memorial oration on "Endocrine Kaleidoscope" at Annual Re-union of Medical College on 29th January 2018.

Chairperson

- Session on "What is new in management of Osteoporosis" at 14th Annual Conference of Indian Society for Bone Mineral Research at Delhi on 8th Sept. 2018.

External Examiner

- S.G.P.G.I, Lucknow – June 2018
- B.H.U., Varanasi – July 2018

Contribution to Book Chapter:

- "Bone Mineral Metabolism in health & Disease" in API Text Book of Medicine, 11th Edition.
- "Revised ICMR Guidelines for management of Type II Diabetes".

PhD Guide for Studies (Current):

- "Role of Different Lipid Components in Pathogenesis of Diabetic Retinopathy."
- "Study on Potential Pathogenetic Factors of Gestational Diabetes Mellitus: Focus on Role of Placenta, Inflammatory Markers and Gut Microbiota"
- "A study of Aetiopathogenesis of Graves' Ophthalmopathy Focus on Role of Circulating Fibrocytes."
- "Role of endometrial cytokines of the female genital tract tuberculosis in the context of infertility."
- "Role of TSH beyond the thyroid – special reference to peripheral blood mononuclear cells and markers of atherosclerotic cardiovascular diseases: a study on subclinical and overt hypothyroid subjects."

Supervisor for DBT-RA Project – conducted by DBT, Govt. of India**Special Award**

- Recipient of Prof. B.N.Srivastava Award for the year 2018 in recognition of contribution to Diabetes Research & Care awarded by RSSDI at Ahmedabad, Gujrat

Projects (Ongoing):

- "Comprehensive Molecular Studies in Monogenic forms of Diabetes in India" – (WBDBT)
- ICMR PCOS Task Force Study: Evaluation of prevalence, regional phenotypic variation, co-morbidities, risk factors and variations in response to different therapeutic modalities among Indian women with Polycystic Ovarian Syndrome (PCOS): Multicentre study across India – (ICMR)
- "ICMR-India Diabetes (INDIAB Study) –(ICMR)
- "A pilot study on the role of Gut Microbiome in Gestational Diabetes Mellitus" – (WBDBT)

Prof. Satinath Mukhopadhyay**Speaker**

- Prof. KL Mukherjee Memorial oration at Bose Institute, September, 2018.
- Asiatic Society on 'Vitamin D: the Sunshine hormone', July, 2018.
- Charles Herbert Best oration on '60th anniversary of Metformin, Kolkata, June, 2018.
- Popular lecture on "Prevention of diabetes" at the "Annual meeting of the national Academy of Sciences of India (West Bengal chapter) June, 2018.
- Lecture on 'Diagnosis and management of hypophosphatemia'- at the Annual Conference of the Endocrine Society of India, Bhubaneswar, 18 November, 2018
- Lecture on 'Management of diabetic dyslipidemia- looking beyond statins'- at the Annual Conference of the Research Society for the Study of Diabetes in India (RSSDI), Ahmedabad, 25 November, 2018.
- Prof.SK Pal memorial lecture on 'Burden of Diabetes in India'- at the Annual Conference of the Indian Public Health Association, October, 2018.
- Lecture on "weird thyroid function tests" at Thyroid update, Indian Thyroid Society, 2018 Mumbai.

Chairperson

- Human Ethics Committee Meeting, Indian Institute of Chemical Biology, CSIR< Kolkata.
- Ronald Ross Memorial foundation day oration, delivered by Prof. Samir Bhattacharya.

- Chief Guest: Foundation day ceremony, Indian Institute of Chemical Biology, CSIR, Kolkata

Examiner

- PhD thesis, University of Delhi, Punjab University.
- DM (Endocrinology), AIIMS, New Delhi, SKIMS, Srinagar.

Workshops

- 'Management of thyrotoxicosis'- at the Annual Conference of the Integrated Diabetes and Endocrine Academy (IDEACON), 12 July, 2018, Kolkata

Special Award

- Fellow of the National Academy of Medical Sciences of India (FAMS), 2018.

Projects (Ongoing)

- Impact of black tea derived polyphenols on insulin resistance and cytokine profiles in PCOS. (National Tea Research Foundation of India).
- Multilayered regulation of ELL stability and functions for expression of Type2 diabetes-linked genes.
- Effect of treatment of periodontitis on insulin resistance in type 2 diabetes mellitus (WBDST) .
- Diabetic Foot ulcer microbiome: Its contribution in Biofilm formation and wound healing in chronic Diabetic Foot ulcer (WBDBT).
- Impact of oxidative stress on changes in corneal confocal microscopy, flow cytometry and spectrophotometry(Medical Research Unit ,I.P.G.M.E.&R, Kolkata).

Projects (completed)

- Identification of molecular links between amyloid precursor protein (APP)and Alzheimer's disease related to biomarkers in an experimental model with SHSY5Y cells.
- Role of black tea derived polyphenols on glucose and lipid uptake by PBMC from individuals with glucose intolerance.
- Role of Vitamin D-binding protein (VDBP) protein and its polymorphisms in vitamin D deficient Prediabetic Eastern Indian population

Dr. Pradip Mukhopadhyay

Speaker

- Differentiating Idiopathic Hypogonadotropic Hypogonadism versus Constitutional Delay in Growth and Puberty: In "Endocrine Enrichment Programme" by Endocrine Society of Bengal Held in December 2017 at Oberoi Grand, Kolkata
- Parathormone and Vitamin D Axis. At Joint Annual Conference of RSSDI West Bengal Chapter and Endocrine Society of Bengal held on May 11th -12nd at ITC Sonar. Kolkata
- Metabolic and Renal Effects of SGLT 2 inhibitors. In the academic programme by Diabetic Association of India and RSSDI West Bengal Chapter on the eve of World Diabetes Day 2018 at Oberoi Grand, Kolkata

Review article

- Clinical approach to congenital hypothyroidism. Sunetra Mondal, Pradip Mukhopadhyay, Sujoy Ghosh. Thyroid Research and Practice 2017; 24:45-53.

Conference attended:

- Endocrine Society of India: 48th Annual National Conference of (ESICON -2018). 13rd -15th October, 2017. Held at Bhubaneswar, Odisha.

Dr. Sujoy Ghosh

Special Awards

- Visiting professor of the year :The Association of Physicians of India
- Dove Innovation award 2018 in metabolomics (TREAT-INDIA Study)

Appointments

- Honorary secretary of Endocrine Society of India
- Associate Editor: Journal of Indian Medical Association

Book

- MCQ in endocrinology for DM entrance, Jaypee Brothers

Project (ongoing)

- A Study On The Clinical And Microbiological Association Between Chronic Periodontitis And Diabetes (WBDST)
- Auto-antibodies in Type 1 Diabetes (RSSDI WEST BENGAL)
- A prospective study on the role of incretin hormones in patients undergoing bariatric surgery (WB-DBT)
- 'SGLT2 Expression in human renal proximal tubular cells predicting efficacy of SGLT2 inhibitors (RSSDI NATIONAL BODY)
- A Study of Anti-Hyperglycemic properties of Gymnedenia Orchidis Lindl of Orchdaceae Family (RSSDI NATIONAL BODY)
- A Study of Glucagon response and incretin levels in patients with fibrocalculous pancreatic disease attending SSKM Hospital Kolkata. (RSSDI NATIONAL BODY)
- Identification of non-invasive signatures for differential diagnosis of biopsy proven diabetic nephropathy and non-diabetic kidney disease by metabolomics and peptidomics approach. (RSSDI NATIONAL BODY)
- ICMR INDIAB Study (ICMR)

PhD Guide for Studies (Current)

- A Study On The Clinical And Microbiological Association Between Chronic Periodontitis And Diabetes
- Identification of non-invasive signatures for differential diagnosis of biopsy proven diabetic nephropathy and non-diabetic kidney disease by proteomics ,metabolomics and genomics approach
- 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

Dr. Dibakar Biswas

Conference attended

- Best of ADA Kolkata 2018
- RSSDI-ESB Joint Conference, Kolkata

Project (ongoing)

- Role of Thyroid Stimulating Hormone (TSH) on inflammatory markers on ASCVD : Lessons from subclinical and overt Hypothyroidism and in-vitro studies.(funded by WBDST)

Dr. Rana Bhattacharjee

Speaker

- Role of digital technology in self-management of DM - National Conference of Diabetes India; Kolkata 1st February 2018

- Sick Day rules and Hypoglycemia in Type 1 Diabetes – DAI, ISPAD, NCD section of DHS, Govt. of WB; Kolkata 3rd February 2018
- Current management of PCOS- world health day celebration DAI at NRSMCH Kolkata; 7th April 2018
- Management of DI- Posterior pituitary update; VIMS Kolkata; 8 April 2018
- How to shift from OAD to insulin and vice-versa. National Congress on Clinical Diabetes 2018; Kolkata
- Fifteen years of insulin glargine- what physicians should know- API West Bengal Mid-term meet; Kolkata 1st May 2018
- Medical Management of Acromegaly- Joint RSSDI ESB Annual Conference; Kolkata 13th May 2018
- Hyperthyroidism in pregnancy - world thyroid day celebration at NRSMCH Kolkata; 25th May 2018
- Osteoporosis- Role of physicians – APNB Annual Conference. Siliguri; 10th of June'2018
- CARES Trial: RIP Febuxostat? - IDEACON 2018; Kolkata; 8th July 2018
- Cancer and Management of diabetes - Insulin discovery day celebration at Kolkata; 29th July 2018
- Initial Pharmacologic Management of Diabetes. Annual conference of Indian Public Health Association; National Medical College, Kolkata; 28th September 2018
- Approach to Recurrent Hypoglycemia. National Annual Conference of Indian Association of Clinical Medicine, Kolkata; 9th November 2018
- Role of Brain in Metabolism. ESICON (23rd National Conference of ESI). Bhubneswar; 16th November 2018
- Role of hydroxychloroquine in DM management. 25th Annual Conference of API WB Chapter & 8th Eastern Zonal Conference (EZAPICON 2018). Siliguri; 30th November, 2018

Project (Ongoing)

- Novel biomarker in Gestational Diabetes Mellitus (Research Grant from WBDHESTBT)

Dr. Arijit Singha

Conference attended

- Diabetes India Conference Kolkata
- Best of ADA 2018, Kolkata
- RSSDI-ESB Joint Conference, Kolkata

Departmental Publications

1. Rostomyan Liliya¹, Daly Adrian¹, Shah Nalini², A Naves Luciana, ila Anurag, Mukhopadhyay Satinath Chanson Philippe²⁰ &Beckers Albert. Cardiovascular complications in pituitary gigantism (results of an international study).Endocrine Abstracts (2018) 57 021
2. Tandon, N., Anjana, R.M., Mohan, V., Kaur, T., Afshin, A., Ong, K., Mukhopadhyay S., Swaminathan, S., and Dandona, L. (2018). The increasing burden of diabetes and variations among the states of India: the Global Burden of Disease Study 1990–2016. The Lancet Global Health.
3. Collaborators, G.B.D.A. (2018). Alcohol use and burden for 195 countries and territories, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet (London, England) 392, 1015-1035.
4. Dutta, D., and Mukhopadhyay S. (2018). Novel diabetes subgroups. The Lancet Diabetes & Endocrinology ,p- 438,Vol 6, June 2018.
5. Prabhakaran, D., Jeemon, P., Sharma, M., Roth, G.A., Johnson, C., Harikrishnan, S., Gupta, R., Pandian, J.D., Mukhopadhyay, S., Swaminathan, S., and Dandona, L. (2018). The changing patterns of cardiovascular diseases and their risk factors in the states of India: the Global Burden of Disease Study 1990–2016. The Lancet Global Health.
6. Mondal, S.A., Dutta, D., Kumar, M., Singh, P., Basu, M., Selvan, C., and Mukhopadhyay,S. (2018). Neck Circumference to Height Ratio is a Reliable Predictor of Liver Stiffness and Nonalcoholic Fatty Liver Disease in Prediabetes. Indian J Endocrinol Metab 22, 347-354.
7. Mukherjee, S., Das, S., Chattopadhyay, D., Sarkar, S., Chatterjee, S.K., Talukdar, D., Mukherjee, S., Majumdar, S.S., Mukhopadhyay, S., Chaudhuri, M.K., and Bhattacharya,S. (2018). Attenuation of macrophage accumulation

and polarisation in obese diabetic mice by a small molecule significantly improved insulin sensitivity. *BiochemBiophys Res Commun* 501, 771-778.

8. Deep Dutta and DipyamanGanguly. In: Nutritional and therapeutic interventions for diabetes and metabolic syndrome. Siba P. Raychaudhuri, Smriti K. Raychaudhuri, DebasisBagchi. Lipid induced insulin resistance: molecular mechanisms and clinical implications. Satinath Mukhopadhyay*,). CRC Press/ Taylor & Francis group, USA- 2018. * corresponding author.
9. Satinath Mukhopadhyay*, Deep Dutta and DipyamanGanguly.Psoriasis and Diabetes: An unholy alliance In: Psoriasis and Psoriatic arthritis. Siba P. Raychaudhuri, Smriti K. Raychaudhuri, Debasis Bagchi (eds). CRC Press/ Taylor & Francis group, USA- 2018. pp: 45-52. * corresponding author.
10. Satinath Mukhopadhyay*, Sunetra Mandal, Sudip Chatterjee .Nutritional and therapeutic interventions in childhood obesity.. In: Global perspectives on childhood obesity: current status, consequences and prevention. DebasisBagchi (ed). CRC Press/ Taylor & Francis group, USA- 2018. * corresponding author. [In Press].
11. Pradip Mukhopadhyay, Sujoy Ghosh, Kingshuk Bhattacharjee1, Kaushik Pandit, Partha Sarathi Mukherjee, Subhankar Chowdhury Lean Metabolic Syndrome: A Concept or a Reality?. *Indian J Endocr Metab* 2018; 22:303-7.
12. Pradip Mukhopadhyay, Sujoy Ghosh, Bikash Majhi, Rana Bhattacharya, Dibakar Biswas, Partha Pratim Chakraborty, Ajitesh Roy, Kaushik Pandit, Partha Sarathi Mukherjee, Subhankar Chowdhury. Metabolic Syndrome in Rural India: NCEP ATP-III diagnoses more than IDF Criteria *J Indian Med Assoc* 2017; 115: 36-9.
13. Sujoy Ghosh, Pradip Mukhopadhyay, Anirban Majumdar, Deep Dutta, Sagarika Mukherjee. Pattern of dyslipidemia, burden and treatment outcomes in type 2 diabetes: an eastern India perspective. *J Indian Med Assoc* 2017; 115: 49-53
14. Saumik Datta, Pradip Mukhopadhyay, Sujoy Ghosh, Subhankar Chowdhury. Study on Hypogonadism in male with Type 2 Diabetes Mellitus. *J Indian Med Assoc* 2018; 115: 49-53
15. Subhodip Pramanik, Sujoy Ghosh, Pradip Mukhopadhyay, Rana Bhattacharjee, Bidisha Mukherjee, Samim Ali Mondal, Ipsita Ghosh, Ranajit Bari, Subhankar Chowdhury. Thyroid Status in Patients with Type 2 Diabetes Attending a Tertiary Care Hospital in Eastern India. *J Endocr Metab* 2018; 22:112
16. Collier A, Connelly PJ, Hair M, Cameron L, Ghosh S, Waugh N. Mortality risk remains higher in individuals with type 1 diabetes: A population-based cohort study (the Ayrshire diabetes follow-up cohort [ADOC]). *Diabetes Obes Metab*. 2018 Apr 23. doi: 10.1111/dom.13334. [Epub ahead of print] PubMed PMID:29687581.
17. Kalra S, Bahendeka S, Sahay R, Ghosh S, Md F, Orabi A, Ramaiya K, Al Shammari S, Shrestha D, Shaikh K, Abhayaratna S, Shrestha PK, Mahalingam A, AskhetaM, ARahim AA, Eliana F, Shrestha HK, Chaudhary S, Ngugi N, Mbanya JC, Aye TT, LattTS, Akanov ZA, Syed AR, Tandon N, Unnikrishnan AG, Madhu SV, Jawa A, Chowdhury S, Bajaj S, Das AK. Consensus Recommendations on Sulfonylurea and Sulfonylurea Combinations in the Management of Type 2 Diabetes Mellitus -International TaskForce. *Indian J Endocrinol Metab*. 2018 Jan-Feb;22(1):132-157. doi:10.4103/ijem.IJEM_556_17. Review. PubMed PMID: 29535952; PubMedCentral PMCID:PMC5838894..
18. Rana Bhattacharjee, Anubhav Thukral, ParthaPratim Chakraborty, Ajitesh Roy, SoumikGoswami, Sujoy Ghosh, Pradip Mukhopadhyay, Satinath Mukhopadhyay, Subhankar Chowdhury. Effects of thyroid status on glycated hemoglobin *Indian J Endocr Metab* 2017;21:26-30. DOI:10.4103/2230-8210.196017
19. S. Ray, A.M. Beatrice, A. Ghosh, S. Pramanik, R. Bhattacharjee, S. Ghosh, A. Raychaudhuri, S. Mukhopadhyay, S. Chowdhury. Profile of chronic kidney disease related-mineral bone disorders in newly diagnosed advanced predialysis diabetic kidney disease patients: A hospital based cross-sectional study *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 2017; <http://dx.doi.org/10.1016/j.dsx.2017.07.019>
20. Subhodip Pramanik, Rana Bhattacharjee, Subhankar Chowdhury. Fluctuating thyroid function in an infant born to mother with Graves' disease: To treat or not to treat. *SubhodipPramanik, Sujoy Ghosh, Rana Bhattacharjee. Thyroid ResPract* 2018;15:96-8. DOI: 10.4103/trp.trp_8_18
21. Partha P. Chakraborty, Sayantan Ray, SubhodipPramanik, Rana Bhattacharjee, SujoyGhosh, Subhankar Chowdhury. Nonobese, Nonketotic Childhood Onset Diabetes: Look for Lipodystrophies.. <https://doi.org/10.2337/cd16-0055>
22. ParthaPratim Chakraborty, Rana Bhattacharjee, Satinath Mukhopadhyay, Subhankar Chowdhury. Split hand/foot malformation: a potential clue to underlying FGFR1 mutation in patients with isolated congenital hypogonadotropic hypogonadism *Postgrad Med J* 2017;0:1–2. doi:10.1136/postgradmedj-2017-135260
23. Subhodip Pramanik, Sayantan Ray, Rana Bhattacharjee, Subhankar Chowdhury .Parathyroid Carcinoma and Persistent Hypercalcemia: A Case Report and Review of Therapeutic Options.. *Saudi J Med Med Sci* 2018;6:115-8. DOI: 10.4103/sjmms.sjmms_104_16

Departmental academic activity

- Case presentation: Every Tuesday and Friday
- Journal Watch : Every Tuesday
- Seminar presentation: Every Monday
- Ward round daily

SERVICE INFORMATION**Out-patient Clinic**

- Diabetes: Wednesday, Thursday, Saturday
- Endocrinology: Monday, Tuesday, Friday

Special clinic

- Diabetic Foot Clinic- Monday and Thursday
- GDM Clinic: Wednesday
- Paediatric Endocrinology Clinic- Friday

Out- patient care (patient served)

	New Patient	Old Patient	Total
Endocrinology	15,388	22,872	38,260
Diabetes	45,552	70,691	1,16,243

Special Clinic (Patient served):

	Foot Clinic	GDM (Diabetes in Pregnancy Clinic)	Pediatric clinic
No. of patients	1325	1295	336

Inpatient care (patient served)

- Endocrinology: 82
- Diabetes: 34

RIA Laboratory Test

SN	TEST	QUANTITY
1	T3	197
2	T4	88
3	FT3	1481
4	FT4	9258
5	TSH	9754
6	FSH	668
7	LH	637
8	PROLACTIN	957
9	TESTOSTERONE	976
10	CORTISOL	1582
11	GRH	431

SN	TEST	QUANTITY
12	INSULIN	659
13	ANTI TPO AB	1232
14	ANTI TG AB	422
15	IGF1	633
16	C PEPTIDE	335
17	ACTH	444
18	ANDROSTENIDIONE	63
19	DHEAS	199
20	THYROGLOBULIN	177
21	IPTH	983
22	ESTRADIOL	189
	TOTAL	31365

Forensic & State Medicine

Faculty

Dr. Biswanath Kahali	MBBS, DFM, MD, MIAFM	Professor & Head
Dr. Indrani Das	MBBS, MD	Assistant Professor
Dr. Pralay Majumdar	MBBS	Demonstrator

Transfers and postings

Nil.

Faculty news

Prof. (Dr.) Biswanath Kahali

- Served as Examiner, Paper setter, Moderator, Guide and Co-guide for MBBS and MD (Forensic Medicine) examinations of various Universities
- Served as MCI Inspector for U.G & P.G. courses of different medical colleges throughout India,
- Served as Trainer and Resource Person in forensic medicine for lawyers, judges, magistrates and police officers and other judicial and law enforcing officers.

Academic activities

- Faculty Members of the department are actively engaged in theoretical and practical teaching of MBBS students.

Service Information

- | | |
|--|----------------------------|
| • No. of Postmortem examinations conducted in 2017 | 2605 |
| • No. of age estimation Cases done in 2017 | 80 |
| • No. of sexual assault cases examined in 2017 | 158 (Male 60, Female 98) |
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Institute of Cardiovascular Sciences Cardiac Anesthesiology

This department of Cardiac Anesthesiology started its journey in the year 2011 as per G.O. No. H/MA(MES)/495/ME/ MISC-15-2011, dated 11.02.2011. Post-Doctoral course of DM (Cardiac Anesthesiology) has been introduced under West Bengal University of Health Sciences with intake of 02 Post Doctoral Trainees per year from August 2011. This course is offered in few institutions in India at present. This Department was the 3rd in India (after AIIMS, New Delhi and Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram) and the first in Eastern India to start an independent Department as well as conduct DM course in Cardiac Anesthesiology.

The Department started with the following staff:

- Professor and Head: Dr. Anupam Goswami
- Associate Professor: Dr. Chaitali Sen (Dasgupta)
- Assistant Professor: Dr. Kakali Ghosh
- RMO cum Clinical Tutor: Vacant

Posts increased as per order number HF/O/MERT/64/ME/PG-31-13 dated 17th/01/2014 were:

- Professor: One
- Associate Professor: One
- Assistant Professor: One
- RMO cum Clinical Tutor: Two

FACULTY

SN	Name	Post Held	Remarks
1.	Dr. Anupam Goswami, MD, DipCard	Professor & Head	Superannuated on 30.11.2018 as per order no IPGME&R/ Gr A/10992/1(6)
2.	Dr. Chaitali Sen (Dasgupta), MD (AIIMS). DNB. DM (AIIMS), MNAMS	Professor	Head from 01.12.2018 as per order no IPGME&R/ Gr A/10993/1(6)
3.	Dr. Kakali Ghosh MD, DM (WBUHS), FIACTA	Associate Professor	as per order no:- HF/O/MA(MES)/5 34/ME/PROM-01-17/Part 1 dated 07.09.2018
4.	Dr. Sandeep Kumar Kar, MD	Assistant Professor	
5.	Dr Soumi Das, MD, DM, FIACTA	Assistant Professor	on DETAILMENT from R.G.Kar Medical college, Kolkata as per order no:-ME/MISC-134-2017/M/2073 dated 07.12.2017
6.	Dr. Asit Munsii, DA	Medical Officer	

Posts vacant at present

SN	Designation	Total Number	Total Posts	Vacancy	Total vacancy
1.	Professor	02	09	01	06
2.	Assistant Professor	02		01	
3.	Associate Professor	02		01	
4.	RMO cum Clinical Tutor	03		03	

DM in Cardiac Anesthesia

The Postgraduate Medical Education Committee considered the Assessment Report (June, 2014) and decided to recommend that DM (Cardiac Anesthesiology) qualification granted by West Bengal University of Health Sciences, Kolkata in respect of students being trained at Institute of Postgraduate Medical Education & Research, Kolkata, West Bengal be RECOGNISED for 02 (Two) DM (CARDIAC ANAESTHESIOLOGY) seats and included in the 1st Schedule to the I.M.C. Act, 1956 as per declaration no, No.MCI-4 (3) /2014-Med./MEDICAL COUNCIL OF INDIA, POSTGRADUATE MEDICAL EDUCATION COMMITTEE (meeting held on 10/10/2014)

Till now ten (10) candidates have passed DM in Cardiac Anesthesiology in MCI recognized seats from this Department

SN	Name of the Candidate	Year	Remarks	Other Achievement
1.	Dr. Kakali Ghosh	August 2014	1st Attempt	Dr. Kakali Ghosh passed FIACTA Exam
2.	Dr. Monalisa Datta			
3.	Dr. Jyoti Ranjan Parida	August 2015	1st Attempt	
4.	Dr. Somnath Dey			
5.	Dr. Anusuya Banerjee	August 2016	1st Attempt	
6.	Dr. Deepanwita Das			
7.	Dr. Tanmoy Ganguly	August 2017	1st Attempt	Dr. Soumi Das passed FIACTA Exam
8.	Dr. Soumi Das			
9.	Dr. Harneet Singh Khurana	August 2017	1st Attempt	Dr. Sushmit Kamat passed FIACTA Exam & FTEE Exam
10.	Dr. Sushmit Kamat			

Current post-doctoral trainees (DM Cardiac Anesthesiology)

SN	Name	Year
1.	Dr. Neeta Basak, MD, DNB	3rd year
2.	VACANT	VACANT
3.	Dr. Nagarjuna P., MD,DNB,	2nd year
4.	Dr. Gayatri Balawantray, DNB	2nd year
5.	Dr Illango Stephen, DA, MD	1st year
6.	Dr Pallav Mishra, MD, FNB(Critical Care)	1st year

Dr. Barsha Sen MD joined as Senior Resident in cardiac anaesthesiology on 01/07/2017 and continuing till date.

ACADEMIC ACTIVITIES

The teachers participate in:

1. Regular classes, examinations for assessment and hands-on training for DM (Cardiac Anesthesiology) and MD (Anesthesiology) students.
2. CME programs organized by ISA (Indian Society Of Anaesthesiologists), and IACTA (Indian Association Of Cardiovascular Thoracic Anesthesiologists), both in National and State level
3. As Faculty in Various conferences at State, Zonal, National, and International level.
4. Paper presentations at various conferences as Presenter or as Judge.

6. Delivery of lectures at post graduate assembly attended by PG students from various medical colleges.
8. CTVAC for EPGGs (Cardiothoracic and Vascular Anesthesiology Classes for Post Graduate Students) for MD Anesthesiology students held for last five years by this Department.
9. From 6th years (2017) onwards CTVAC has been merged with PG Assembly held by Dept of Anesthesiology in IPGMER and is being held as a joint venture by Dept of Cardiac Anesthesiology and Department of Anesthesiology, IPGMER as Post Graduate Assembly and CTVAC.
9. The teachers also teach the PERFUSIONIST students according to their schedule.
10. As Guide and co-guide for different MD and DM students of this Institute.

The post doctoral students participate in:

1. Regular classes, examinations for assessment and hands-on training for DM (Cardiac Anesthesiology) and MD (Anesthesiology) students.
2. CME programs organized by INDIAN SOCIETY OF ANAESTHESIOLOGISTS, and INDIAN SOCIETY OF CARDIOTHORACIC ANAESTHESIOLOGY, both in National and State level.
3. Various conferences at State, Zonal, National, and International level.
4. Paper presentations at various conferences.
5. They are encouraged for one month FELLOWSHIP in any Premier Institute in India.
6. They are encouraged to participate in seven days Hands on Training and Workshop in NARAYANA HRUDALAYA, BENGALURU under guidance of Eminent National and International Faculties of Cardiac Anesthesiology in First Year.
7. They are posted 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).
8. They are encouraged for publication of Research Articles, Case Reports, Review Articles in Different Journal of National and International repute.

Post Graduate Trainees in Anesthesiology are posted to this Department for OBSERVERSHIP in Cardiac Anesthesiology from:

1. Department of Anesthesiology, IPGMER
2. Department of Anesthesiology, Vivekananda Institute of Medical Sciences, Kolkata
3. Department of Anesthesiology, Sambhunath Pandit Hospital, Kolkata
4. Department of Anesthesiology, Burdwan Medical College, Burdwan
5. Department of Anesthesiology, Bankura Medical College, Bankura
6. Department of Anesthesiology, North Bengal Medical College, Siliguri
7. Department of Anesthesiology, Kisangaung Medical College, Kisangaung
8. Department of Anesthesiology, Medical College, ESIC Hospital, Sealdah, Kolkata
9. Department of Anesthesiology, KPC Medical College, Jadavpur, Kolkata
10. Department of Anesthesiology, Command Hospital, Kolkata
11. Department of Anesthesiology, Agartala Medical College, Kolkata
12. Department of Anesthesiology, Jawaharlal Nehru Institute of Medical Sciences, Manipur.

FACULTY NEWS

Dr. Anupam Goswami

- Guide or Co-guide of 3 (three) DM (Cardiac Anesthesiology) students and 4 (four) MD (Anesthesiology) students.
- CME Faculty in ISACON Annual conference held in Kolkata December 2017
- Convener cum Examiner for DM Cardiac Anesthesiology under West Bengal University of Health Sciences in 2017

Dr. Chaitali Sen (Dasgupta)

- Guide or Co- guide of 5 (six) DM (Cardiac Anesthesiology) students and 03 (three) MD (Anesthesiology) students.
- Scientific Secretary in ISACON Annual conference held in Kolkata December 2017
- Scientific Co-Chairperson in ISACON East Zone in 2018
- Scientific Chairperson in PG Assembly and CTVAC in 2018
- Scientific Co-chairperson of ECMOCON Kolkata
- Scientific Secretary in ISA West Bengal till November 2018
- President ACTA West Bengal till May 2018
- Examiner for DM Cardiac Anesthesiology under West Bengal University of Health Sciences in 2018
- Thesis Evaluator of different MD or DM students of different universities

Dr. Kakali Ghosh

- Co-Guide of three Postgraduate Trainees in MD Anesthesiology
- Co-Guide of Postdoctoral trainees in DM Cardiac Anesthesiology
- Completed Observership successfully for Anaesthesia in Heart Lung Transplant for 15 days in Fortis, Mallar

Dr. Sandeep Kumar Kar

- Organizing committee member and advisory panel: 4th International Conference on Neurology and Healthcare
- Invited Chairperson In ISACON -2018 AGRA
- Awarded Membership of Asian council of science Editors.
- Completed training as Transplant Coordinator under NOTTO for 5 days in at Safdarjung Hospital, New Delhi
- Editorial board member
 - i) European Cardiology Journal Reviews)
 - ii) Heart and Mind (Medknow, Wolter-Kluvers)
 - iii) Journal of Medical Sciences (Medknow, Wolter Kluvers)
 - iv) Journal of Integrative Nephrology and Andrology, Medknow, Wolter-Kluvers)

Dr. Soumi Das

- Completed Observership successfully for Anaesthesia in Heart Lung Transplanted for 15 days in Fortis, Mallar
- Faculty in Lung Transplant seminar in IPGMER, Kolkata

Publications from the department between December 1, 2016 to November 30, 2017

1. Is Elevated Blood Glucose a Marker of Occult Tissue Hypoperfusion in Off-pump Coronary Artery Bypass Grafting? By Das S, Ghosh K, Hazra A, Sen C, Goswami A; Annals of Cardiac Anaesthesia | Volume 21 | Issue 4 | October-December 2018.
2. Multiple primary cardiac hydatid cysts in the interventricular septum—A rare case report; Agarwal A, Ganguly T, Kar S.K. (Indian heart journal case reports: may 2018)
3. Renal dysfunction after off-pump coronary artery bypass grafting surgery: Are the current guidelines too relaxed and deliberately extrapolated? By Kar S.K, Year : 2017 | Volume : 4 | Issue : 4 | Page : 113-114; Editorial: Journal of Integrative Nephrology and Andrology. Date of Web Publication: - 29 th December 2017
4. Myocardial protection: The eternal search for an ideal Cardioplegia solution and adjuvants added for superior myocardial protection during cardio pulmonary bypass: By Dr Kar S.K; Editorial, J Vas Dis Treat Vol 2 No 3 September 2018
5. Anesthesia management of renal transplantation: an update:- Kar S.K, Khurana H.S, Ganguly T, Anaesth Pain & Intensive Care 2018;22(3):383-391.

SERVICE INFORMATION

A. Pre-Anaesthesia Clinic on every Friday

B. Anaesthesia 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				
2017													
December	00	18	02	12	03	05	04	03	11	13	09	05	85
2018													
January	01	25	06	13	03	10	03	02	08	18	16	11	116
February	02	21	06	09	05	10	01	02	07	14	23	08	108
March	00	29	05	16	06	10	06	03	08	20	22	05	130
April	04	24	10	13	07	12	04	02	11	13	24	08	132
May	08	24	02	13	12	13	04	04	11	28	27	15	161
June	02	30	03	16	07	10	04	02	09	17	20	14	134
July	08	29	08	09	09	15	06	01	16	11	19	09	140
August	03	30	08	14	05	13	02	02	06	16	17	35	151
September	07	24	07	13	10	07	04	04	06	12	31	12	137
October	02	19	05	15	05	07	02	01	10	05	21	13	105
November	00	25	06	19	14	10	05	03	08	17	22	11	140
Total cases done from December 2017 to November 2018													1539

C. Anaesthesia given to pediatric and adult patients in Cath Lab for various Diagnostic and Therapeutic Procedures

Month	Diagnostic procedure	Device closure	PPM	TEE	Others	Total
2017						
December	01	--	01	--	01	03
2018						
January	01	--	--	01	01	03
February	02	03	01	00	01	07
March	02	03	--	01	01	07
April	04	09	01	01	01	16
May	02	06	--	--	01	09
June	03	04	--	TEE + PPM=1	--	08
July	04	06	02	---	-01	13
August	03	03	02	01	02	11
September	06	03	01	01	--	11
October	04	--	01	--	01	06
November	03	05	--	02	03	13
Total number of cases done in CATH LAB from December 2017 to November 2018						107

Institute of Cardiovascular Sciences Cardiothoracic and Vascular Surgery

FACULTY & RESIDENTS

Dr. Goutam Sengupta	MS, MCh FIACS	Professor
Dr. Ansuman Mondal	MS, MCh FIACS	Professor
Dr. Santanu Dutta	MS, MCh FIACS, PhD	Associate Professor
Dr. Subhendu Sekhar Mahapatra	DTCD, MS, MCh	Associate Professor
Dr. Dipayan Ghosh	MS, MCh	Associate Professor
Dr. Jayita Chakrabarti	MS, MCh	Assistant Professor
Dr. Silpa Basu Roy	MS, MCh	Assistant Professor

Medical Officers

Dr. Dibakar Das
Dr. Rita Neogi

Retirements, Transfers & promotions

- Dr. Subhankar Bhattacharya, Professor and Head, retired in 2018.
- Dr. Prokash Kumar Sanki: Transferred to Medical College as Professor
- Dr. Dipayan Ghosh: Transferred in from National Medical College as Associate Professor
- Dr. Shilpa Basu Roy: Promoted as Assistant Professor from Clinical Tutor

Postdoctoral (MCh) trainees

3rd Year (2016-2019)	2nd Year (2017-2020)	1st Year (2018-2021)
Dr. Chaina Paul	Dr. Soumya Darshan Sanyal Dr. Rohit Rathi Dr. Asher George Joseph Dr. Ajil Joseph Dr. Nilaksha Bhattacharjee	Dr. Rahul Bose

Recently passed out: Dr. Raja Lahiri

ACADEMIC ACTIVITY

- Saturday is our teaching program day. Different topics of the subject are distributed to cover the M.Ch. Syllabus as far as possible. On this day we also arrange for different seminars.
- Before final exam we arrange for a mock test.
- Department organized a wet lab cum work shop on valve replacement on bovine heart. This helped a lot to the M.Ch. students.
- In collaboration with Department of neonatology, training on congenital cardiac lesion corrections are being done.

Ongoing research projects

- Dr. Santanu Dutta is involved in an ICMR project titled "Hospital based epidemiology of congenital heart disease in Kolkata and the molecular basis of non-syndromic Tetralogy of Fallot" and in a CSIR project titled "Identification of biomarkers in cardiovascular diseases" along with IICB, Kolkata.
- Dr. Suwendu Sekhar Mahapatra is performing a Lambda therapeutics sponsored study titled "Role of stem cell in critical limb ischaemia due to Beurger's disease: Stem cell in atherosclerotic chronic limb ischaemia"

SERVICE INFORMATION

The department has 5 running OTs of which 1st and 2nd OT are used for cardiac and other major cardiothoracic & vascular surgery cases requiring cardiopulmonary bypass.

The 3rd O.T. is utilized for major vascular, thoracic and closed cardiac cases.

The 4th OT is for cardiovascular cases under Sishu Sathi scheme.

The 5th OT is for procedure requiring C-arm guidance.

We are doing video assisted thoracoscopic surgery (VATS).

We are now performing 20 open heart operations, in addition to at least 12-15 elective thoracic and vascular cases per week. Furthermore, this unit has to perform AV Fistulas for dialysis on a regular basis to support the renal units. Additionally, we perform emergency cardiothoracic and vascular surgeries as and when required.

Dr. Suwendu Sekhar Mahapatra is an active member of the renal transplant team as the principal vascular surgeon during the recipient implantation.

This unit has applied for both heart and lung transplant license and the department is gearing up for a regular and sustainable transplant program for the future.

Medicine

FACULTY

1	Dr. Soumitra Ghosh	Professor & Head
2	Dr. Mridul Kanti Das	Professor
3	Dr. Pradip Kumar Datta	Professor
4	Dr. Jotideb Mukhopadhyay	Professor
5	Dr. Niladri Sarkar	Professor
6	Dr. Shantasil Pain	Professor
7	Dr. Nandini Chatterjee	Professor
8	Dr. Avas Chandra Roy	Associate Professor
9	Dr. Srabani Ghosh	Associate Professor
10	Dr. Manjari Saha	Associate Professor
11	Dr. Saubhik Kanjilal	Assistant Professor
12	Dr. Anupam Mandal	Assistant Professor
13	Dr. Sanchita Saha	Assistant Professor
14	Dr. Sattik Siddhanta	Assistant Professor
15	Dr. Rahul Goel	Assistant Professor
16	Dr. Anup Kumar Datta	Assistant Professor
17	Dr. Kausik Bhar	Tutor
18	Dr. Agnibha Maiti	Tutor
19	Dr. Subhashis Dey	Tutor

Junior Residents (MD Students)

2016-2019	2017-2020	2018-2021
Dr. Deepak Kumar Dr. Avishek Sarkar Dr. Barun Das Dr. Debashish Mondal Dr. Ananda Mohan Chakraborty Dr. Riten Kumar Samadder Dr. Saikat Prasad Datta Dr. Subhasis Neogi Dr. Shambaditya Das Dr. Debaleena Mukherjee Dr. Sk. Nasim Dr. Abhirup Banerjee Dr. Brikodar Patary	Dr. Aishee Bhattacharya Dr. Prantik Sardar Dr. Omkar De Hazra Dr. Rajdeep Basu Dr. Keshab Champramari Dr. Kaustav Mitra Dr. Avishek Sharma Dr. Saugata Ray Dr. Adrija Ganguly Dr. Chirantan Mondal Dr. Aswini Rana Dr. Soumyadeep Kar Dr. Jayashree Biswas Dr. Sourin Mukherjee Dr. Krishanko Das	Dr. Bellal Ali Dr. Sourav Panda Dr. Abdullah Sohail Hasin Dr. Jayaditya Ghosh Dr. Bhaswar Bhattachaya Dr. Achyut Pal Dr. Chayan Mandal Dr. Saikat Mondal Dr. Shubhanshu Pal Dr. Sayan Saha Dr. Niladri Bhowmick Dr. Debasmita Biswas Dr. Abhisek Guin Dr. Souvik Ghatak Dr. Ziaul Hoque Sarkar

Non-teaching staff

1. Kartick Chandra Das - UDC
2. Tapas MondalDas - GDA
3. Kishore Lal Das- GDA

FACULTY NEWS

Prof. M. K. Das

Thesis Guide – Three

Prof. P. K. Datta

Thesis Guide – Three

Prof. Jotideb Mukhopadhyay

Publication:

A. Articles – Three

B. Original Study – One

C. Case Report – One

Speaker -RSSDI-2018, BPCON-2018

Chairperson -RSSDI,BPCON,EZAPICON

Prof. Niladri Sarkar

Publications-National two

Conference –National two

Chairperson National two APICON18,NCCD18

Prof. Shantasil Pain

ThesisGuide – Two

Thesis Co-Guide – One

Projects - Four

Prof. Nandini Chatterjee.

Publication-Two

Dr. Avas Chandra Ray

Thesis Guide – Two

Thesis Co-Guide – One

Publications- National – Six

Conference National- One

Project-On subjects such as

Dr. Manjari Saha

Conference National- APICON-2018

Thesis Guide- Two

Co-guide - One

Faculty name	Conferences attended				Publications		Research Projects
	National	International	Faculty Invitation National	Faculty Invitation International	National	International	
Prof. Soumitra Ghosh	10		10		2	2	
Prof. Mridul Kanti Das							
Prof. Pradip Kumar Datta							
Prof. Jotideb Mukhopadhyay	3		3		3		1
Prof. Niladri Sarkar	2		2		2		

Prof. Shantasil Pain	3		2				4
Prof. Nandini Chatterjee	4		2		2		
Dr. Avas Chandra Roy	3				6		1
Dr. Srabani Ghosh	4		2		1		
Dr. Manjari Saha	2				1		
Dr. Souvik Kanjilal	1		1				
Dr. Anupam Mandal							
Dr. Sanchita Saha							
Dr. Sattik Siddhanta	2		1				
Dr. Rahul Goel							
Dr. Anup Kumar Dutta							
Dr. Agnibha Maiti							
Dr. Kausik Bhar							
Dr. Subhashis Dey							

ACADEMIC ACTIVITY INFORMATION

Teaching and Training of PGTs are held on 5 days in every week as follows:

Unitwise Problem Case Presentation	:	Monday
Long Case Presentation	:	Tuesday
Seminar	:	Wednesday
Faculty Lecture/ Workshop	:	Thursday
Problem Oriented Case Discussion	:	Friday (1 st & 3 rd)
C.P.C.	:	Friday (2 nd)
Journal Club	:	Friday (4 th)
Bedside Clinics for MD students	:	Every Tuesday and Thursday
Bedside Clinicsfor MBBS Students	:	Daily (as per roster)
Tutorials for MBBS Students	:	Twice weekly (as per roster)

Number of Academic Sessions held:

Case Presentation (Long and Short)	:	98
Seminar for PGTs	:	49
Journal Club	:	12
C.P.C.	:	12
Faculty Clinical meeting & Seminars	:	26

Proficiency Prizes

1	Gold Medal in Medicine	Dr. Abhirup Banerjee
2	First Certificate of Merit in Medicine	Dr. Debaleena Mukherjee
3	Second Certificate of Merit in Medicine	Dr. Subhasis Neogi
4	Gold Medal in Thesis in Medicine	Dr. Debaleena Mukherjee
5	First Certificate of Merit in Thesis in Medicine	Dr. Shambaditya Das
6	Second Certificate of Merit in Thesis in Medicine	Dr. Saikat Prasad Datta
7	Class Assistant in Medicine (MBBS)	Amit Bagrodia
8	Junior Class Assistant in Medicine (MBBS)	Saikat Sen

Theses submitted in 2018

Dr. Saikat Prasad Datta	Dr. Avas Chandra Roy Dr. Somenath Kundu	A study on the spectrum of clinical, radiological and functional status of cases with diffuse parenchymal lung disorders in a tertiary care hospital.
Dr. Riten Kumar Samadder	Dr. Mridul Kanti Das Dr. Avas Chandra Roy	Prevalence of high sensitivity C-reactive protein as a biomarker of severity of heart failure.
Dr. Brikodar Patary	Dr. Shantasil Pain Dr. Somenath Kundu	Role of cartridge based nucleic acid amplification test (CBNAAT) in diagnosis of pulmonary and extrapulmonary tuberculosis in HIV infected patients.
Dr. Avishek Sarkar	Dr. Nirmalendu Sarkar Dr. Subhankar Chowdhury	A study on the correlation between thyroid function and cognitive impairment in geriatric patients.
Dr. Deepak Kumar	Dr. Nirmalendu Sarkar	Association of heart failure with major geriatric syndromes in a tertiary care hospital & its implication in clinical practice.
Dr. Debaleena Mukherjee	Dr. Alakendu Ghosh Dr. Sanchita Saha	Relevance of renal biopsy in management of patients with lupus nephritis and their follow-up in a tertiary care hospital.
Dr. Ananda Mohan Chakraborty	Dr. Srabani Ghosh Dr. Soumitra Ghosh Dr. Achyut Sarkar	Study of effect of obesity on left ventricular systolic and diastolic function.
Dr. Debashish Mondal	Dr. Soumitra Ghosh Dr. Achyut Sarkar	Study of the association between epicardial fat thickness and left ventricular dysfunction in obese patients.
Dr. Shambaditya Das	Dr. Niladri Sarkar Dr. Biman Kanti Ray	A study on clinico-radiological profile in patients with moya moya syndrome presenting in a tertiary care center.
Dr. Abhirup Banerjee	Dr. Tanima Das Bhattacharya Dr. Satyendu Bikash Samanta	Profile of vascular calcification in chronic kidney disease patients.
Dr. Subhasis Neogi	Dr. Pradip Kumar Dutta Dr. Sujoy Ghosh Dr. Niladri Sarkar	A study on adrenal function in newly diagnosed patients of pulmonary tuberculosis.
Dr. Sk. Nasim	Dr. Alakendu Ghosh Dr. Mamata Guah Mallick (Sinha) Dr. Sanchita Saha	Prevalence of hematological manifestation in systemic lupus erythematosus and its relationship with disease activity in a tertiary care center.
Dr. Barun Das	Dr. Manjari Saha Dr. Nirmalendu Sarkar	Study of etiological distribution of anemia in geriatric patients in a tertiary care hospital.

PATIENT CARE INFORMATION

INDOOR

Ward	Location / Building	No. of Beds
Mackenzie(Male)	Main Block	80
NER (Male)	Main Block	14
Cable (Female)	Main Block	60 + 16

Patients are also admitted in Woodburn Ward, Emergency Observation Ward (Male & Female)

OPD

Average daily attendance of patients : 860

Yearly Total attendance of patients in Medicine OPD – 2,08,250 (approx)

UNITs

Day	Unit	Name of the Faculty
Monday	I	Prof. Niladri Sarkar, Dr. Avas Chandra Roy, Dr. Sanchita Saha
Tuesday	II	Prof. Soumitra Ghosh, Dr. Srabani Ghosh, Dr. Anup Kumar Dutta
Wednesday	III	Prof. Mridul Kanti Das, Dr. Souvik Kanjilal
Thursday	IV	Prof. Pradip Kumar Datta, Dr. Anupam Mondal
Friday	V	Prof. Jotideb Mukhopadhyay, Dr. Manjari Saha
Saturday	VI	Prof. Shantasil Pain, Prof. Nandini Chatterjee
Sunday	By Rotation	

Special Clinics

Name of the Clinic : **Obesity & Lifestyle Diseases Clinic**
V.P. in-charge : Prof. Soumitra Ghosh
Associate VP : Dr. Srabani Ghosh
Date & Time : Every Friday, 11.00 am.
Venue : Nutrition Clinic

Name of the Clinic : **Geriatric Clinic**
V.P. in-charge : Prof. Niladri Sarkar
Associate VP : Dr. Anupam Mandal
Date & Time : Every Thursday, 2.00 pm
Venue : Medicine OPD, Special Clinic

Microbiology

TEACHING STAFF

Dr. Prasanta Kr. Maiti	MD, DGO, DCP, FIMS	Professor & Head (Superannuated on 30.11.2018)
Dr. Raja Ray	MD, Ph D, DTM&H	Professor and Head (w.e.f. 01/12/2018)
Dr. Kumkum Bhattacharyya	MD	Professor
Dr. Kalidas Rit	M.D	Associate Professor
Dr. Tanusri Biswas	MD	Associate Professor (Joined on 11.09.2018 On detailment to BMC from Nov, 2018)
Dr. Hirak Jyoti Raj	MD	Assistant Professor
Dr. Nupur Pal	MD, DCH	Assistant Professor
Dr. Suranjan Pal	MD, DNB	Demonstrator (Transferred on promotion to RGKMC in Sep, 2018)
Dr. Arani Debnandi	MD	Demonstrator
Dr. Arijit Sarkar	MD	Demonstrator
Dr. Abirlal Sanyal	MD	Senior Resident (From Aug, 2018)

NONTEACHING STAFF

A) Medical Technologist: 1 Mallika Dubey 2 Bhabataran Manna 3 Ramkrishna Shaw 4 Subrata Biswas 5 Ajit Kr Pal 6. Jagadishwar Sashmal 7. Sourav Ghosh 8. Tirtha Sahoo 9. Sumona Kundu 10. Prasanta Ghose.

** Mr. Biswanath Das is working as DEO of IDSP, # Mr. Kumar Kanti Som Choudhury (joined as CB-NAAT Lab Technician on Dec. 17), Ujjaini Roy (JRF), Sani Safi (DEO, CDC-AIIMS project) ,

B) Group D staff: 1 Gopal Sardar 2. Rama Dutta 3. Sunny Hela, 4. Pradyut Naba Barua
5. Kapildeo Mullick 6. Moti Mallick

C) VRDL Staff: Dr. Raja Ray (Research Scientist, Medical), Dr. Susmita Chatterjee (Res.Scientist, Non-med. Resigned on 31 st Aug.), Jayeeta Halder (Res. Asstt., Non-medical.), Mr. Rajesh Adak and Ms Payel Dutta (Lab Technician/)

D) Project Research Fellow & PhD scholars: Rehana Parveen, Archi Ghosh

Postgraduate trainees (MD Microbiology)

3 rd Year (2016-19)	2 nd Year (2017-20)	1 st Year (2018-21)
Dr. Nishar Akhtar Dr. Arpit Saha Dr. Sangita Pal	Dr. Namrata Jain Dr. Mohana Chakraborty	Dr. Sayan Pal Dr. Ananda Sanchayeeta Mandal Dr. Hossein Najma Banu Dr. Asis Kumar Ghosh

Regular academic activities

- Teaching and organizing examinations of MBBS, MD, DMLT, BPT, DCLT, B Sc Nursing.
- Organising Journal club, Seminars and guiding thesis for MD & Ph D candidates.
- Organising summer projects for M. Sc. (Microbiology/ Biotechnology) students of different colleges of W.B. and other states, approaching to our institute.
- Inter-department advisory role / integrated teaching

DEPARTMENTAL NEWS

- Two cases of rhino- cerebral Mucormycosis caused by *Syncephalastrum racemosum* were timely detected and for first time such cases survived in India. By detection of several unusual sub-cutaneous mycosis, cases were successfully treated to reduce morbidity. Port-site infections caused by Atypical Mycobacteria have been reduced by our monitoring & intervention programme. Two cases of pan-resistant organisms *Myroides* spp. were detected in immunocompromised patient (49th & 50th. case in the world)..
- Installation of CBNAAT (under the stewardship of Prof Dr Raja Ray and Dr. Nupur Pal) for molecular diagnosis of Mycobacteria [in collaboration with Chest Deptt.]
- DST-FIST sponsored automated blood culture system and ID-AST system(Bac-T-Alert & VITEK 2) installed and functioning(January,2016, April,2017). PI-Prof P.K.Maiti, CoPI-Prof Raja Ray
- VRDL established & started functioning(July,2017)(PI- Prof. Raja Ray, Co-PI -Dr. Hirak Jyoti Raj)
- AMRSP (ICMR) project of Rs. 50 Lakhs in 5 yrs, started functioning (January,2018) (PI-Prof Raja Ray, Co-PIs-Prof.P.K.Maiti, Prof Kumkum Bhattacharya, Dr Hirak Jyoti Raj)
- AIIMS-CDC-ICMR project "Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India"- first instalment of funding started November,2017.(PI-Prof. Raja Ray, Co-PI-Dr Hirak Jyoti Raj, Dr Rajat Choudhuri). Project functional since December,2017
- Operational research project, RNTCP, titled "To study the burden of non-tuberculous mycobacterial infection among immune-competent pulmonary tuberculosis and suspected extrapulmonary cases." Principal investigator: Dr Nupur Pal, Co-PIs-Prof R.Ray, Prof. P.K.Maiti, Prof.Somenath Kundu
- MBBS Practical class room has been expanded with addition of 24 capacity.
- MCI inspection for renewal of MD(Microbiology) seats was completed on 25th Sept,2018 with satisfaction of MCI assessor.
- Dr. Nishar Akhtar obtained the best paper 1st prize award at the Scientific paper presentation on 16th January on the occasion of 62 nd Foundation Day celebration at IPGMER
- Presentation of Rehana Parveen selected as "Paper Of Excellence" at 25th West Bengal State Science & Technology Congress, 2018, Organised by Department of Higher Education, Science & Technology and Biotechnology, Govt. Of West Bengal.[Last year Jayeeta Halder another Ph D scholar of Dr. Maiti received this award.]
- Dr. Suranjan Pal declared as topper in India at DNB Examination, 2016 and received the Medal
- Dr.Abirlal Sanyal (presently Senior Resident, Microbiology, IPGME&R) topped the MD Microbiology Examinations(May-June, 2018) conducted by WBUHS.
- Archi Ghosh attended and presented oral paper on Nanomedicine in ICONAN-2018 at Rome. Our new thoughts on Nano research was well appreciated and presenter received offer to publish paper at free of cost in their International journal of Nano research as well as one month fellowship for collaborative research in a renowned lab at Germany.
- Department arranged a guest lecture on " Scope of MALDI-TOF in diagnostic field", delivered by Prof. Anup Kr. Ghosh of PGIMER, Chandigarh. on 20th Nov.2018
- Prof.Dr. Kumkum Bhattacharyya, Dr. Arani Debnandi, Dr. Abirlal Sanyal with two 1st year PGTs, Dr.Ananda Sanchayeeta Mondal and Dr.Hossein Najma Banu attended the CME and Workshop arranged by Indian Association of Tropical Parasitology (IATP-WB Chapter) at AIIPH&PH, Salt Lake Campus on 10th December, 2018.

FACULTY NEWS

Prof. P.K. Maiti

- Examiner & paper setter for MBBS, MD (Microbiology) examinations of WBUHS.
- Adjudicator for MD theses from WBUHS.
- MCI Inspector for PG inspection at Visakhapatnam
- Under his supervision one candidate completed Ph.D. thesis this year and three more are continuing research, for Ph D.
- Reviewer of articles for Indian Journal of Medical Research, Microbiology Research Journal International, Indian Journal of Medical Microbiology, Journal of Indian Medical Association,
- Member of B.O.S., WBUHS, Pharmaco-vigilance Committee & Acting in-charge of "Electron Microscopy";
- In SIHAM-2018 National conference of Mycology at Bangalore from 1st to 4th March, 2018 presented a paper entitled "Future scope of anti-microbial nanoparticles in treatment of fungal diseases" and was co-author of another papers; also chair a session..
- Co-author of papers presented in 2^{5th} West Bengal State Science & Technology Congress, 2018, Organised by Department of Higher Education, Science & Technology and Biotechnology, Govt. Of West Bengal. and received "Paper of Excellence" award. West Bengal.
- Expert in Microbiology for Pre-PhD seminar (Microbiology) of Dr. Swagata Ganguly at WBUHS & Convenor for PH.D. defence seminar of Jayeeta Halder.
- Guest lecturer on the Foundation Day of School of Tropical Medicine, Kolkata, on 24.02.2018 on topics "God of small things: science of small ideas".
- Prof. SR Bose Memorial lecture on 24th March, 2018 at Calcutta University on topics "Battle between microbes and anti-microbials"
- Co-author of only oral paper presentation from India at Nanomedicine in ICONAN-2018 held at Rome on 23rd Sept.
- Two Patent applications on Antimicrobial Nano-particles are published
- Attended 9th India Probiotic Symposium on 24th Nov.'18 at AMITY University.

Prof. Raja Ray

- PhD Guide of Ms Moonmoon Sinha & Ms Debatri Ghosh; also Co-Guide of Ms Jayeeta Halder. Of these, the last mentioned Ms Jayeeta Halder has completed and submitted her PhD and was awarded her PhD degree in July, 2018.
- Internal examiner and Papersetter for MD (Microbiology, 2018), MBB (2018), BSc. Nursing & Internal Examiner, MD (Microbiology, IPGIMER, 2018), Internal Examiner MBBS (IPGIMER January, 2018), External examiner for MD Microbiology, DMLT (Saroj Gupta Cancer Centre and Welfare Home, Sept 2018), BSc. Nursing of WBUHS (External and Internal Examiner, 2018);
- Adjudicator of MD Thesis from WBUHS, since 2003 and continuing annually.
- Expert in Microbiology for Pre-PhD seminar (Microbiology) at WBUHS Dr Sagnik Roy, KPC Medical College & Hospital, Kolkata.
- Served as Subject Expert in Microbiology for the Selection committee constituted for walk-in-interview of Professor and Associate Professor at ESI-PGIMER & MC, Joka, Kolkata on 15/11/2017
- Selected Chairperson for Project Evaluation by Joint Director Public Health and Communicable disease on Mosquito surveillance to forecast and control outbreaks of mosquito borne viral and parasitic diseases in and around Kolkata.
- Member of Expert Committee of Medical Boards constituted by MSVP, SSKM Hospital
- MCI Inspector for PG Integral Institute of Medical Sciences, Lucknow (July, 2018), Darbhanga Medical College, Lehiasarai, Bihar (MD-Renewal of recognition) (June, 2018), Government Medical College, Nizamabad, Telangana (Jan, 2018), SMS Medical College, Jaipur (6th November, 2017)
- Member of RNTCP Committee (IPGIMER)/ Nodal Microbiologist, IDSP/NVBDCP /
- Principal Investigator, VRDL, ICMR-DHR (since Feb, 2016)

- Principal Investigator, AIIMS-CDC-ICMR project on "Capacity Building and Strengthening of Hospital Infection Control in order to prevent and control multidrug resistance in India" (since November, 2017)
- CoPI, Antimicrobial Stewardship Project, IPGMER (ICMR) (December, 2018)
- Member Secretary, Hospital Infection Control Committee & Member Drug and Therapeutics Committee; Member of Hostel Supervisory Committee of IPGMER
- Reviewer of articles for Indian Journal of Public Health, Journal of Evolution in Medical and Dental Sciences.
- Member of the Advisory Board in the 12th IAMB WB State Conference held at RGK ar Medical College in October, 2017
- Member, Rapid Response Team (RRT), under Secretary (PHP) AND MD (NHM), Dept of Health and Family Welfare (under order of the DME (2017)).
- Attended workshops for a CDC-AIIMS, New Delhi funded project entitled "Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India" in the capacity of Principal Investigator on August and November, 2018.
- Received training at CHEB, New Delhi, in Training of trainers Workshop training programme from 9th to 11th October, 2018 under the National Viral Hepatitis Control Programme (National Centre for Disease Control, New Delhi)
- Prof Raja Ray took personal initiative in commencing testing of complete Hepatitis profile including HbsAg, Hepatitis C, Hepatitis A, Hepatitis E, IgM Anti HBe, Anti HBe, HBe Antigen, Anti-HBe, IgM and IgG for CMV, Herpes Simplex 1, 2, Varicella Zoster, Epstein Barr viruses for transplant patients with support from the Director, IPGME&R and VRDL project.

Dr. Kumkum Bhattacharya

- In-charge DST-FIST sponsored automated Bacteriology laboratory
- Examiner, MBBS. DMLT examinations, WBUHS
- Co-Investigator in AMRSP project under ICMR
- Guide/ Co-guide of ongoing MD thesis
- Prof. Dr. Bhattacharyya attended the CME and Workshop arranged by Indian Association of Tropical Parasitology (IATP-WB Chapter) at AIIPH&PH, Salt Lake Campus.

Dr Kalidas Rit

- In-Charge, CSSD, Serology Lab, SSKM Hospital.
- Examiner/ Scrutinizer of MBBS, BDS, DMLT, B.Sc. Nursing & Paper setter for BPT & DMLT
- Member faculty from Dept of Microbiology for Reformation committee of Institutional central laboratory.

Dr Hirak Jyoti Raj

- Examiner in 2ND Professional MBBS (Regular and Supplementary, WBUHS) and DMLT Examination (WBSMF)
- He served as scrutinizer in MD examination (WBUHS)
- Received training at National Institute of Virology, Pune for setting up VRDL lab at IPGMER (Sept, 2016) as Co-PI of the project
- Speaker in different seminars and orientation programs for students and doctors in IPGMER.
- Co-Guide in MD (Microbiology) thesis works.
- Co-Investigator in VRDL Project, AMRSP Project (ICMR funded), CDC-AIIMS- New Delhi funded project, DST (WB-state) project (R&D).
- Attended and participated in National Conference of Microbiology, Microcon 2018 in Bengaluru and Research ICCAR-2018 at IIT, Kharagpur and performed Poster Presentation over there.
- Member of Hospital ART Core Committee.

Dr. Nupur Pal

- Coordinator of short projects in Microbiology
- She served as scrutinizer in MBBS examination (WBUHS)
- Co-Guide in MD thesis works
- Examiner of DMLT exam(WBSMF)
- Principal investigator for operational research project, RNTCP, titled "To study the burden of non-tuberculous mycobacterial infection among immunocompetent pulmonary tuberculosis and suspected extrapulmonary cases."

Dr. Suranjan Pal

- Examiner/ Scrutinizer of DMLT exam (WBSMF)
- Speaker in different seminars and orientation programs in IPGMER.

Dr. Arani Debnandi

- Departmental Library in-charge & Museum in-charge
- Attended the basic course workshop on Medical education technology (from 30/01/2018 to 01/02/2018 in the Institute of Health and Family welfare.
- Dr. Arani Debnandi attended the CME and Workshop arranged by Indian Association of Tropical Parasitology (IATP-WB Chapter) at AIIPH&PH, Salt Lake Campus.

Dr Arijit Sarkar

- Internal Examiner/ Scrutinizer of DMLT Examination (WBSMF).
- Presently involved in day to day academic and laboratory activities of the department.
- Detailment Posting every Saturday of the week in the Institute of Post Graduate Ayurvedic Education & Research at Shyamadas Vaidya Shastra Pith,Kolkata.

Dr. Abirlal Sanyal

- He stood first in MD Microbiology (May-June, 2018) examinations conducted by WBUHS.
- Joined as Senior Resident of Microbiology at IPGMER on 3rd August, 2018, after passing out from this insitute.
- Was involved in arranging MD practical examinations with faculty members and PGTs(September, 2018)
- Documented the first version of "Standard Operating Procedure'(SOP) of Bacteriology Version 1/2018/IPGME&R", under guidance of Prof.Dr.Raja Ray. He is also involved in periodic census of antibiogram data.
- Presently, carrying out day to day academic and laboratory activities of the department.
- Is involved in drafting and formatting of 'Microbiology reporting procedures' for HMIS under guidance of Prof. Dr. Raja Ray and other faculty members.
- He attended the CME and Workshop arranged by Indian Association of Tropical Parasitology (IATP-WB Chapter) at AIIPH&PH, Salt Lake Campus.

CONFERENCE & WORKSHOP ATTENDED:

Six PGTs, Dr. Nishar Akhtar, Dr. Arpit Saha, Dr. Sangita Pal, Dr. Sayan Pal, Dr. Namrata Jain, Dr. Mohana Chakraborty attended 41st. National Conference & Workshops of IAMM (Microcon2018) at NIMHANS, Bangaluru also research scholars Rehana Parveen, Archi Ghosh and faculty member Dr. Hirak Jyoti Raj attended that conference. Dr Hirak Jyoti Raj attended the International Conference of

Contemporary Antimicrobial Research (ICCAR2018) at IIT, Kharagpur. Prof.Dr. Kumkum Bhattacharyya, Dr. Arani Debnandi, Dr. Abirlal Sanyal with two 1st year PGTs, Dr.Ananda Sanchayeeta Mondal and Dr.Hossein Najma Banu attended the CME and Workshop arranged by Indian Association of Tropical Parasitology (IATP-WB Chapter) at AIIPH&PH, Salt Lake Campus on 10th December, 2018.

AWARDS & ACHIEVEMENTS

- Presentation of Rehana Parveen has been selected as "Paper Of Excellence" at 2nd. Regional Science & Technology Congress-2017, Presidency Division, Department of Science & Technology, Govt. Of West Bengal.
- .Presentation of Rehana Parveen awarded as "Paper Of Excellence" at 25th West Bengal State Science & Technology Congress, 2018, Organised by Department of Higher Education, Science & Technology and Biotechnology, Govt. Of West Bengal.
- Dr. Nishar Akhtar received 1st Prize for Best Scientific Paper presentation in 61st Foundation day Ceremony of IPGMER in Medicine category.

PUBLICATIONS

Journal

- Suparna Dutta, Susmita Chatterjee, Satya Moulik, Sujata Tarafdar, Prasanta Maiti." Evaluation of the role of substratum and albumin on Pseudomonas aeruginosa biofilm morphology through FESEM and FTIR studies on polymeric biomaterials" Progress in Biomaterials. 2017. The online version of this article (doi:10.1007/s40204-017-0061-2)
- Maiti PK, Ghosh A, Parveen R, Saha A, Choudhury MG. Preparation of carboxy-methyl cellulose capped nanosilver particles and their antimicrobial evaluation by automated device. Applied Nanoscience. 2018 DOI: 10.1007/s13204-018-0914-6.
- Moonmoon Sinha, Raja Ray, et al "Quercetin alters pro-inflammatory cytokine changes in wild dengue virus challenged HEPG2 cell line". 2018 ;7(15),1137-1149.
- Susmita Chatterjee, Jayeeta Haldar, Raja Ray, HJ Raj, Rajesh Adak, Payel Dutta, Prof. Raja Ray. "Prevalence of Hepatitis A and Hepatitis E in West Bengal, India: A tertiary care hospital based study." (Submitted to Journal of Public Health, Manuscript No.: JPH-18-0744)

Papers presented in 61st Foundation Day Ceremony of IPGMER & 11th. Reunion 2017: (held on 16/01/2018)

- Rise of antibiotic resistance in gram negative bacteria a tertiary care hospital. Nishar Akhtar, Prof Raja Ray
- Biofilm producing organisms causing CLABSI in an ICU in a tertiary care hospital (Indraneel Saha, Raja Ray)
- Time for discovery of another resistant-proof magic bullet as nano antimicrobials.: Rehana Parveen, Prof. P.K.Maiti.

Papers presented at Tropacon/STM, Kolkata- July 2018 at 8th annual conference of tropical and infectious diseases:

- Footstep of a new superbug Myroides spp. : A case report—Dr.Sayan Pal, Dr.Hirak Jyoti Raj, Prof.Dr.Raja Ray, Prof.P.K.Maiti.
- Facial dermatoses; Is Demodex really non-pathogenic ? Dr. Nishar Akhtar, Prof.Dr.P.K.Maiti
- Critical evaluation of preanalytical time in blood culture yield : Dr.Nishar Akhtar, Prof. Dr.Raja Ray.

Papers presented in 42nd. National Conference of IAMM (MICROCON 2018) at NIMHANS, Bangalore, held on 28th. Nov. to 2nd. Dec. 2018:

- "New horizon in infection control measures by Nano-antimicrobials." Rehana Parveen, Archi Ghosh, Prof. Prasanta Kr. Maiti.

- "A synergism indicative study for Nano-particles by VITEK system." Archi Ghosh, Rehana Parveen, Prof. Prasanta Kr. Maiti.
- "Role of topical Nano silver particles in management of superficial mycoses" Dr.Namrata Jain, Archi Ghosh, Prof. Gobinda Chatterjee, Prof. Prasanta Kr. Maiti
- "Therapeutic solution in diagnostic dilemma of basidiobolomycosis:" Dr.Sayan Pal, Dr. Sangeeta Pal, Dr.Abirlal Sanyal,Dr.Nupur Pal,Prof. Dr.Raja Ray, Prof. Gobinda Chatterjee, Prof. Prasanta Kr. Maiti
- "Electron microscopic observable damage on microbes by Nano-particles with relation to their size, shape and zeta potentials." Dr. Arpit Saha, Prof.Raja Ray , Prof. Prasanta Kr. Maiti.
- "In-house grown probiotics with food as alternative to probiotic medicine." Dr. Sangita Pal, Hirak Jyoti Raj, Prof. Prasanta Kr. Maiti.
- "A rare case of successfully diagnosed and treated rhinoorbital zygomycosis by *Syncephalastrum Racemosum* " Dr..Mohana Chakraborty, Dr. Nupur Pal, Prof. Raja Ray, Prof. Prasanta Kumar Maiti
- "Are we neglecting NTM ? – A Comparison Between Isolation Of *M. tuberculosis* And NTM From Suspected Extra-Pulmonary TB(EPTB) Cases." Nupur Pal , Nishar Akhtar, Prof. Raja Ray
- "Mycetoma : a unique neglected tropical disease." Nishar Akhtar ; Nupur Pal ; Raja Ray ; P.K.Maiti
- "Newer application of serum procalcitonin levels as an stress/SIRS monitoring parameter in studies on ITU infection." Mohana Chakraborty, Prof. Raja Ray, Dr. Rajat Chowdhury.
- "Faster The Better : Automation in Blood Culture." Nishar Akhtar, Prof. Raja Ray.
- "Comparative efficacy of some in-house prepared broths as cost effective substitutes of Robertson's cooked meat broth for anaerobic culture:" Hirak Jyoti Raj, Rehana Parveen, Prof. Prasanta Kumar Maiti.

Prof Raja Ray invited to present a guest lecture on 'Clinical aspects of tackling antimicrobial resistance in a hospital set-up' at the 2nd International Conference on Contemporary Antimicrobial Research TO BE HELD AT IIT,Kharagpur on 17th December,2018.

Paper presented in International Conference On Nanomedicine And Nanobiotechnology 2018 [ICONAN2018, 26th- 28th September, 2018 , Italy]

- "Characterization of antimicrobial nano-particles by physical parameters and antimicrobial assay: A comparative study." Archi Ghosh,Prasanta Kumar Maiti

Paper accepted for presentation in National Conference of Indian Science Congress 2019, Jalandhar.....

- "Antimicrobial Nano-particles the ultimate magic bullets to combat superbugs ." Archi Ghosh, Rehana Parveen , Prof. Prasanta Kr. Maiti

Papers presented in 25th West Bengal State Science & Technology Congress 2018, Held at Science City, Kolkata on 28th Feb. & 1st March, 2018.

- Nano silver; a new wide spectrum potent non conventional antimicrobial agent.Rehana Parveen, Alokmooy Datta, Prasanta Kumar Maiti [Received Outstanding Paper Award in Medical Science] Abstract: pg-112

Papers presented & awarded in 2nd. Regional Science & Technology Congress-2018, Presidency Division, at Kalyani University, under Department of Science & Technology, Govt. Of West Bengal.

- Nano silver; a new wide spectrum potent non conventional antimicrobial agent.Rehana Parveen, Alokmooy Datta, Prasanta Kumar Maiti

MD Thesis submitted in 2018

- 1) Effects of Nano-silver particles on viability and cell morphology of *E. coli*, *S. aureus*, *P.aeruginosa* and *C. albicans*. ; Dr.Arpit Saha Guide: PK Maiti & Nupur Pal.
- 2) Evaluation of bacterial contents in some commonly used Probiotic medicines and foods. Dr.Sangeeta Pal, Guide: PK Maiti, Kumkum Bhattacharya, Hirak Jyoti Raj
- 3) Comparative study of Sensitivity of BacT/AlerT-3D automated detection system supplemented with Vitek-2 compact identification and AST determination system versus conventional system for bacteriological identification and antimicrobial susceptibility test (AST) of cases of sepsis at a tertiary-care hospital. Dr. Nishar Akhtar. Guides: Prf. Dr Raja Ray,Dr.Kalidas Rit.

Ongoing Research Works for MD Thesis

- 1) A Preliminary Study of AntiFungalEffects of Indigenously prepared Biomimicking Nano Silver Particles(AgNPs) on Superficial Mycosis..Dr.Namrata Jain.Guide:Prof.P.K Maiti, Prof. Gobinda Chatterjee.
- 2) Role of simultaneous study of serum procalcitonin level and Automated ID-AST detection of sepsis pathogens to aid antibiotic de-escalation and to justify choice and duration of antibiotic therapy at ITU of a tertiary care hospital.Dr. Mohana Chakraborty. Guides: Prf. Dr Raja Ray,Dr. Rajat Choudhuri.(2017-2020).;
- 3) Demonstration of anti-biofilm role of silver nanoparticles by in-vitro study. Dr. Ananda Sanchayeeta Mandal ; Guide: Prof. PK Maiti, Dr. Kumkum Bhattacharya (2018-21)
- 4) Collection of cumulative antibiogram for formulation of antibiotic policy at a tertiary-care hospital. Dr. Sayan Pal; Guide: Prof. Raja Ray, Dr. HJ Raj.
- 5) A study of minimum inhibitory concentration of commonly prescribed antibiotics for culture confirmed cases of urinary tract infections amongst adults in a tertiary care hospital. Dr. Asis K Gosh, Guide: Prof. Kumkum Bhattacharya, co-Guide: Dr. H.J.Raj.
- 6) Study of Hepatitis C prevalence amongst suspected viral hepatitis cases attending tertiary care hospital in Kolkata using screening serological and confirmatory molecular test with follow up viral load monitoring Dr. Asis Kumar Ghose, Guide: Dr.Kalidas Rit, Co-Guide- Prof. Dr.Raja Ray

PhD Thesis Work

- Form conversion of Malassezia: a clinico-mycological study. By Dr. Asis Manna. Guide: Dr. PK Maiti & Dr. DN Gangopadhyay.
- Debatri Ghosh. Registered for PhD Biochemistry at the University of Calcutta on 14th Sep,2016 on the topic '**Title:**Implication of Single Nucleotide Polymorphisms (SNPs) in Transporter Associated Protein (TAP) genes with leprosy Patients, in disease progression and transmission" Under the guidance of Prof Basudeb Bhattacharya and Prof Raja Ray.Work in progress.
- Moonmoon Sinha Registered for PhD Microbiology at the University of Calcutta on 29th May,2017 under the guidance of Prof Raja Ray and Prof Satadal Dason the topic"Evaluation of the Role of Eupatorium perfoliatum Extract against Dengue Virus infection in HepG2 Cell line and primary hepatic cells Work in progress.
- 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
- 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. PK Maiti

Ongoing Project Work

1. DST (State) Project entitled " Simple innovative techniques for isolation of anaerobic bacteria on the surface of the agar plates using modified candle jar "Principal Investigator: Prof. P.K. Maiti. [Completed]
2. DST (State) Project entitled"Evaluation of different in-house developed fastidious anaerobic broth as culture media and their use in cost-effective manner" Principal Investigator: Prof. P.K. Maiti; Co-PI: Dr. Hirak Jyoti Raj
3. VRDL Project on 'Establishment of a network of Laboratories for Managing Epidemics and Natural Calamities'. An ICMR-DHR funded Project commenced and laboratory functional(July,2017 onwards) .PI-Prf Raja Ray,Co-PI-Dr.Hirak Jyoti Raj
4. Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India".Firt instalment of fund just received,November,2017
PI- Prof Raja Ray, Co-I: Dr Hirak Jyoti Raj.
5. IPGME&R , KOLKATA, WB Regional Center for Antimicrobial Resistance Surveillance Network. PI- Prof Raja Ray, Co-I: Prof. P.K Maiti, Prof. Kumkum Bhattacharya, Dr Hirak Jyoti Raj.(Project sanctioned,January,2018,Funding commenced in March,2018).
6. RNTCP operational research project titled "To study the burden of non-tuberculous mycobacterial infection among immunocompetent pulmonary tuberculosis and suspected extrapulmonary cases." PI- Dr Nupur Pal, CO-I: Prof Dr Raja Ray, Prof .P.K.Maiti, Prof Somnath Kundu.

Short Projects conducted in the department.

1. Inhibitory characteristics of preformed biofilm against colonization of other biofilm producers using environmental strain isolated from heteropneustes fossilis – by Rishav Barman & Saireet Misra (BSc, Presidency University) : Guide -Prof P.K.Maiti, HOD Professor. Microbiology.
2. Prevalence of nontuberculous mycobacterial disease among immunocompetent patients in a tertiary care hospital, eastern India. By Himadri Chakraborty (MSc microbiology, WBSU, Barasat) Guide-Dr Nupur Pal, Assistant Professor, Microbiology
3. Antimicrobial sensitivity study of rapid grower mycobacteria isolated from clinical samples of a tertiary care hospital, Kolkata. by Sumita Das (MSc microbiology, WBSU, Barasat) Guide-Dr Nupur Pal, Assistant Professor, Microbiology
4. Antimicrobial study of PVA capped silver nanoparticles. by Anindita Ghatak (B.Tech biotechnology, Amity University, Kolkata). Guide -Prof P.K.Maiti, HOD Professor. Microbiology
5. Evaluation of some in-house prepared broths as cost effective substitute of RCM for anaerobic culture. by Samyabrata Sen (MSc, NIT, Rourkela, Odisha) : Guide- Prof P.K.Maiti, HOD Professor. Microbiology
6. Antimicrobial effects of green tea leaves on *Staphylococcus aureus* and *Escherichia coli* –an invitro study by Debmalya Das (MSc microbiology, Kalyani University, Nadia) Guide-Dr Suranjan Pal, Demonstrator, Microbiology
7. "Assessment of prevalence of non-fermentative gram negative bacilli in invasive clinical samples along with their emerging antibiogram in intensive therapeutic unit of a tertiary care hospital" by Ipsita Dey (M.Sc, Bijoygarh college, CU), Ujjaini Roy, Guide-Prof. Raja Ray, HOD & Professor. Microbiology
8. "Geographical distribution of dengue disease in some districts like Kolkata, Howrah, Hooghly (N&S) 24 Paraganas" by Saundarya Biswas (B.Sc, St. Xavier's College (Autonomous), Kolkata), Guide- Prof. Raja Ray, HOD & Professor. Microbiology

SERVICE INFORMATION

Tests done in Microbiology Laboratory: 01/12/2017 – 30 /11/2018 (Total = 1,56,689)

Bacteriology (Total = 42,071)													
Test	Jan'18	Feb'18	Mar'18	Apr'18	May'18	Jun'18	July'18	Aug'18	Sep'18	Oct'18	Nov'18	Dec'17	Total
Urine	1896	2075	1880	2011	2260	2300	2203	2215	2250	2007	2059	2092	25248
Throat swab	03	02	03	31	33	20	02	06	10	03	07	07	127
Wound	235	220	225	271	210	368	241	243	230	254	219	223	2939
Blood C/S (Conven.)	190	160	320	207	169	172	160	303	175	166	176	210	2408
Blood C/S (Automated)	109	120	125	113	172	201	241	279	235	214	234	82	2125
Body fluids	158	140	170	167	178	182	145	168	150	116	164	140	1878
Sputum	252	215	220	197	225	230	254	212	219	240	245	220	2729
Other swabs	05	09	06	08	06	12	06	0	07	03	10	02	74
CSF	59	52	35	44	41	52	37	49	60	56	36	60	581
OT swab	358	257	446	351	345	287	258	426	320	357	258	299	3962
Serology (Total=1,05,299)													
Test	Jan'18	Feb'18	Mar'18	Apr'18	May'18	Jun'18	July'18	Aug'18	Sep'18	Oct'18	Nov'18	Dec'17	Total
RA	180	245	280	270	410	205	181	141	146	122	117	186	2483
ASO	99	67	75	80	90	101	69	56	95	79	92	90	993

CRP	529	541	590	630	710	707	604	408	411	320	424	580	6454
Widal	55	62	68	65	60	84	82	91	131	149	124	158	1129
VDRL	435	470	500	570	540	700	570	407	360	338	371	386	5647
HbsAg	1924	2490	2906	3060	5800	3458	5400	3896	3535	3810	4048	3525	43852
HCV(by ICT)	1774	2435	2890	3050	5520	3000	5000	3700	3500	3500	3793	3402	38064
Mantoux	104	84	105	156	238	78	122	70	107	93	96	94	1347
Dengue	239	187	176	144	197	194	248	395	732	744	463	1299	5018
JE	12	18	17	26	18	20	21	21	23	22	24	20	242

Tests done under Viral Research and Diagnostic Laboratories (VRDL) (Total= 1705)

Test	Jan'18	Feb'18	Mar'18	Apr'18	May'18	Jun'18	July'18	Aug'18	Sep'18	Oct'18	Nov'18	Dec'17	Total
HAV	39	32	43	56	50	46	46	38	52	51	66	29	548
HEV	38	30	42	53	51	43	40	37	48	44	63	28	517
HBeAg-Anti-HBe[EIA]	-	-	-	-	38(Hb eAg) 32(Hb eAb)	45(HBe Ag) 40(HBe Ab)	55(Hb eAg) 50(Hb eAb)	56(HB eAg) 50(HB eAb)	46(HB eAg) 40(Hb eAb)	55(HB eAg) 35(Hb eAb)	48(HB eAg) 35(35(HbeAb)	-	343(HB eAg) 282(HB eAb)
MicroELISA anti-HBs titre	-	-	-	-	-	-	-	-	-	-	03	-	03
MicroELISA HSV1 and HSV2 IgG,IgM	-	-	-	-	-	-	-	-	-	-	03	-	03
MicroELISA VZV IgG,IgM	-	-	-	-	-	-	-	-	-	-	03	-	03
MicroELISA EBV IgG, IgM	-	-	-	-	-	-	-	-	-	-	03	-	03
MicroELISA CMV IgG,IgM	-	-	-	-	-	-	-	-	-	-	03	-	03

Miscellaneous (Total= 7614)

Test	Jan'18	Feb'18	Mar'18	Apr'18	May'18	Jun'18	July'18	Aug'18	Sep'18	Oct'18	Nov'18	Dec'17	Total
PBS for MP	73	00	06	00	00	00	59	57	107	98	67	112	579
Fungal stain	46	75	70	80	73	71	109	75	82	124	110	54	924
Fungal culture	20	28	35	30	29	19	28	97	48	50	76	34	308
AFB culture	29	21	28	30	40	20	30	21	15	12	22	40	308
CBNAAT	119	203	228	271	302	261	329	259	211	219	260	-	2871
Slit skin	22	34	36	36	41	54	50	36	48	22	30	24	433
India Ink	12	10	04	01	00	02	02	00	02	06	04	25	68
AFB stain	78	72	70	85	278	240	212	227	232	264	290	75	2123

N.B.: Tests done in Central Lab during evening & night shift are not included. Tests for HIV done in ICTC; Malaria partly done in Pathology deptt. under Malaria clinic.

Neonatology

STAFF

Dr. Suchandra Mukherjee	MD Paediatrics	Professor And Head
Dr. Syamal Kumar Sardar	MD Paediatrics	Professor
Dr. Ranajit Mukherjee	MD Paediatrics	Associate Professor
Dr. Bijan Saha	MD Paediatrics, DM Neonatology	Associate Professor
Dr. Ratan Kumar Biswas	MD Paediatrics, DM Neonatology	Assistant Professor
Dr. Anindya Kumar Saha	MD Paediatrics, DM Neonatology	Assistant Professor
Dr. Uttam Kumar Mondal	DCH, MD Paediatrics	Assistant Professor
Dr. Dipankar Roy	DCH, MS, MCh (Pediatric Surgery)	Assistant Professor, Neonatal& fetal surgery
Dr. Suman Das	MS, MCh (Pediatric Surgery)	Assistant Professor, Neonatal& fetal surgery
Dr. Bappa Mondal	MD Pathology	Assistant Professor
Dr. Pinaki Chatterjee	MD Microbiology	Assistant Professor
Dr. Nirmalya Sarkar	MD Paediatrics	RMO Cum Clinical Tutor
Dr. Sudipta Dasgupta	DCH	Medical Officer
Dr. Amit Banerjee	DCH	Medical Officer
Dr. Biswanath Bala	MBBS	Medical Officer
Dr. Bhupendra Kr Gupta	MD Paediatrics	DM resident
Dr. Soutrik Seth	MD Paediatrics	DM resident
Dr. Prachi	MD Paediatrics	DM resident
Dr. Jhilik Basu	MBBS	SNCU medical officer
Dr. Moupiya Nandi	MBBS	SNCU medical officer
Dr. Silpi Adak	MBBS	SNCU medical officer
Dr. Jayeeta Bakshi	MBBS	SNCU medical officer
Dr. Amit Bera	MBBS	SNCU medical officer
Dr. Amalesh Gorai	MBBS	SNCU medical officer
Dr. Shabana Parveen	MBBS	SNCU medical officer

IMPORTANT ACHIEVEMENTS

- Extension of the service of the Department of Neonatology with increase in the NICU and SNCU beds from 2nd October 2015. At present the department is running with 100 beds.
- Genetic testing & counseling centre at the department of neonatology, SSKM hospital.
- Clinic for the expectant mother for Antenatal counselling for fetal pathology has been started.
- Research project on Screening of Inborn Error of Metabolism is going to start .

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 and 25 beds at ground floor of new Neonatology building.

Neonatal ward / KMC ward: 20 bedded unit with facility of mother –infant dyad staying together at 3rd floor of Neonatology building

Postnatal Ward: 52 lying in bed. At the 1st floor, G&O building.

Activities

- Level III care of sick newborns including ventilation (conventional and high frequency), parenteral nutrition, neonatal surgery, peritoneal dialysis.
- The unit is equipped with 18 conventional ventilators and 2 high frequency ventilators, 3 bubble CPAP, 7 HHHFNC. Amplitude EEG for continuous brain function monitoring with Video EEG, ECG, Digital X-ray, Ultrasound, Echocardiograph are also available in-house.
- A side laboratory is working for bed side. Investigations like complete blood count, micro ESR, hematocrit, blood gas estimation, serum electrolytes and blood grouping is done.
- Selected Cardiac surgery for congenital heart disease in collaboration with Department of Cardiothoracic Surgery and Department of Cardiology.
- 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, 2pm to 6 pm. Follow up for high risk NICU graduates, premature babies with facilities for motor, neurological, vision, hearing, cognitive examination and early intervention under one roof.

Antenatal counselling Clinic (Fetology clinic): Clinic for counselling of expectant mother 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 in collaboration with Biomedical Genomic center with appointment only.

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

Neonatal and fetal 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 programme for early identification and management of Defects at Birth, Deficiencies, Diseases, Developmental delays including disabilities. Babies are referred by school health team, district mobile team of RBSK as well as by the pediatrics and neurology department of various government hospital.

RBSK (Rastriya Bal Swasthya Karyakram under Govt. of India)

Govt. of India has selected neurodevelopment clinic as nodal collaborative Centre for Rastriya Bal Swasthya Karyakram for detection of developmental delay and early intervention in West Bengal as well as for Eastern India. Training of the professionals of child development from various districts from West Bengal and MP has been started under this project.

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, 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 pasteurised milk from this milk bank.

Departmental Sterile Supply Division for NICU

Departmental sterile supply division situated at the ground floor of G&O building. This division is meant for supplying sterile articles & linens for resuscitation and daily care of the newly born babies admitted in NICU & SNCU to prevent sepsis.

Retinopathy of Prematurity Clinic

Screening for retinopathy of prematurity (ROP) of preterm and sick babies required oxygen in NICU and SNCU, IPGMR. & various SNCUs of west Bengal and others referred from other health care facilities.

This service is available every week on Thursday from 10:00 AM onwards at 1st floor, New building for Institute of Neonatology. In-house LASER therapy (emergency) is also done at NICU for babies, diagnosed as ROP.

Statistics report for 2010-2018 NICU

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%
Till November 2018	4886	1569	501	91.7%

OPD statistics (December 2017 – November 2018)

OPD	No of cases seen
General Neonatology OPD	7707
Neurodevelopment Clinic (New entry and follow up)	3981
RBSK OPD (New entry and follow up)	11604
Hearing screening (No of babies screened)	7493
ROP screening (No of screening performed))	2744

Last year statistics break up (December 2017 – November 2018)

	INBORN			OUTBORN		
Total Live Birth	Total inborn admission	Inborn death	Inborn CFR	Total Outborn Admission	Total Death	Outborn CFR
5339	1743	151	8.6%	540	56	10.3%

TEACHING & TRAINING ACTIVITY

- **DM neonatology course** 3 year DM Neonatology course permitted by MCI started in 2011 with annual intake of two students.
- **Post graduate training (MD pediatrics):** as part of Paediatrics curriculum.
- **Training of M.Sc. Nursing students** from this institute and also from other medical colleges.
- **Center for Various state sponsored training under FBMNC, Govt of West Bengal :** Training for Nurses and doctors for FBNC module , Noninvasive ventilation , Infection control .
- **Training of state wise DEIC at RBSK nodal centre, Department of Neonatology**

RESEARCH LABORATORY SERVICE

Neonatal microbiology research laboratory

- Blood culture & sensitivity by Bactec method, culture of different body fluid, fungal culture of
- NICU babies & samples from districts SNCU.
- Identification of pathogen, antimicrobial sensitivity & resistance pattern.

Genetic Research laboratory:

- Genetic testing & counseling Centre at the department of Neonatology, SSKM hospital.

PUBLICATIONS

Books / Manuals

- Manual of Neonatal Protocols (for doctor and nurses)
- Book on pediatric nursing
- Book on basic newborn care at community level(local language)
- Book on neurodevelopmental follow up and early intervention.

Journal articles (2013-18)

- Chatterjee S, Datta S, Roy S, Ramanan L, Saha A, Viswanathan R, Som T, Basu S. Carbapenem Resistance in *Acinetobacter baumannii* and Other *Acinetobacter* spp. Causing Neonatal Sepsis: Focus on NDM-1 and Its Linkage to ISAb125. *Frontier in Microbiology*, 2016(7).<http://dx.doi.org/10.3389/fmicb.2016.01126>
 - Mondal U, Prasad R. Congenital Arhinia: A Rare Case Report and Review of Literature. *Indian Journal of Otolaryngology and Head & Neck Surgery*, July' 2016.
 - Amitava Sur, Syamal Kumar Sardar and AnshumanParia - Left Sided Oesophageal Lung: A Diagnostic Challenge, *Case Reports in Pediatrics*, February 2013.
 - Amitava Sur, Syamal Kumar Sardar and AnshumanParia - Caudal Duplication Syndrome, *Journal of Clinical Neonatology*, March 31, 2013.
 - Mitra S, Saha AK, Sardar SK, Singh AK - Remission of congenital complete heart block without AntoRo/La antibodies, *Annals of Pediatric Cardiology*, 2013.
 - Anindya Kumar Saha, Syamal Kumar Sardar and Amitava Sur - Congenital sternal cleft along with persistent left sided superior Vena Cava- a rare presentation, *Case reports in Pediatrics*, June 2013.
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Nephrology

STAFF

Faculty

Dr. Rajendra Pandey, Dip.Card, MD, DM
 Dr. Debabrata Sen, MD, DM
 Dr. Arpita Roychowdhury MD, DM
 Dr. Sanjoy Dasgupta, MD, DM
 Dr. Dipankar Sircar, MD, DM
 Dr. Arif Hossain, DCH, MD (Med)
 Dr. Manoj Das, MBBS

Post / Designation

Professor and Head
 Professor
 Professor
 Associate Professor
 Associate Professor
 RMO-cum-Clinical Tutor
 RMO-cum-Clinical Tutor

Postdoctoral (DM) trainees

3rd year	2nd year	1st year
Dr. Swastik Purkait Dr. Abhinab Debnath Dr. Abhishek Chakraborty Dr. Sudhangshu Sekhar Bhoi Dr. Adyapada Pani Dr. Prasun Roy	Dr. Smartya Pulai Dr. Abhirup Bhunia Dr. Arkaprabha Chakraborty Dr. Aneesh Nanda Dr. Jamshed Anwer Dr. Manas Kumar Goswami	Dr. Abhishek Kumar Dr. Saugat Dasgupta Dr. Subhashis Dey Dr. Gaurav Kumar Khandelwal Dr. Pradip Kumar Das Dr. Syed Mubashir Nissar

Dialysis Technician number 9

Twenty six (26) Students completed and passed in the FINAL Examination of Diploma in Dialysis Technique Course in August 2018

Dialysis Technician students:

1 st Year student	2 nd Year student	Internee
26	26	26

ACADEMIC ACTIVITY

Regular academic activity

- Dialysis meeting weekly
- DM bedside teaching & discussion daily
- Transplantation meeting weekly
- Seminar twice in a week
- Journal club once in a week
- Theoretical/Practical class for Dialysis Technician daily
- Nephro-pathology / Nephro-radiology fortnightly
- Inter departmental class with Radiology, Urology, Microbiology, Cardiology, Rheumatology, Nuclear Medicine, Pathology

Ongoing research activity

1. Comparing Modified Ponticelli Regimen And Rituximab In Idiopathic Membranous Study Nephropathy .
2. Open Labelled Prospective Randomized Controlled Trial Of Calcium And Vitamin D On Bone Health In Kidney Transplant Recipient.
3. Efficacy And Safety Of Losartan On Regression Of Left Ventricular Hypertrophy And Improvement In Cardiac Function In Hypertensive Chronic Kidney Disease Patients On Haemodialysis
4. Evaluation Of Urine Microscopy As A Tool For Prediction Of Outcome Of Acute Kidney Injury.
5. A Prospective Randomised Controlled Trial Comparing Efficacy Of Different Lock Solutions In Preventive Catheter Related Blood Stream Infection in Hemodialysis Patients.
6. The Comparison Of Two Dialysates With Potassium Concentration 2.2 And 3.5 On Incidence Of Arrhythmia In Hemodialysis Patients During Intradialytic period .

7. Comparison of maintenance therapies in proliferative lupus nephritis between tacrolimus-azathioprine-steroid combination as continuation of induction phase and azathioprine with steroid following cyclophosphamide induction.
8. Steroids versus placebo in infection related glomerulonephritis in adults: a double blind randomized controlled trial.
9. Study on the effects of exercise in chronic kidney disease stage 5 patients on maintenance hemodialysis.
10. Evaluation of serum prolactin level as a tool of prediction of anorexia in stage iv and v chronic kidney disease patients .
11. Open labeled randomized controlled study comparing rituximab and tacrolimus in treatment of primary membranous nephropathy.
12. Open labeled randomized controlled study to evaluate the role of metformin to retard the rate of progression of autosomal polycystic kidney disease and follow up with MRI.

Paper publications

- Spectrum of renal allograft biopsy: A 5 year experience at a tertiary care center of eastern India. Original article accepted in Saudi Journal of Kidney Diseases and Transplantation. Malagouda R. Patil, Smita Divyaveer, Arpita RoyChoudhury, Manong Chohwanglim, Chetan Mahajan and Rajendra Pande.
- Tacrolimus as the first line agent in adult onset minimal change disease: A randomized controlled study. Original article accepted in Saudi Journal of Kidney Diseases and Transplantation.

Passing out batch of DM Nephrology:

1. Dr. Raju Sahoo
2. Dr. Vaibhav Tiwari
3. Dr. Asit Mondal
4. Dr. Rajib Mondal
5. Dr. Atanu Pal
6. Dr. Kapiljit Chakravarty

Presentations at ISNCON IN 2018

Dr. Prasun Roy

- A Efficacy Of different lock in preventive catheter randomised controlled trial comparing related blood stream infection in prospective solutions hemodialysis patients.--- ORAL PRESENTATION .

Dr. Abhinaba Debnath

- Modified Ponticelli regimen and rituximab in idiopathic membranous study comparing nephropathy .--- ORAL PRESENTATION .

Dr. Sudhanshu Sekhar Bhoi

- Open labelled prospective randomized controlled trial of calcium and vitamin d on bone health in kidney transplant.--- POSTER PRESENTATION .

Dr. Abhishek Chakrabarty

- Evaluation Of urine microscopy as a tool for prediction of outcome of acute kidney injury. .--- POSTER PRESENTATION .

Presentations at East Zone Nephrology Meet

Dr. Prasun Roy

- A Efficacy of different lock in preventive catheter randomised controlled trial comparing related blood stream infection in prospective solutions hemodialysis patients.--- ORAL PRESENTATION .

Dr. Abhinaba Debnath

- Modified Ponticelli regimen and rituximab in idiopathic membranous study comparing nephropathy.--- ORAL PRESENTATION .

Dr. Abhishek Chakrabarty

- Evaluation Of Urine Microscopy As A Tool For Prediction Of Outcome Of Acute Kidney Injury.---ORAL PRESENTATION .

SERVICE INFORMATION

- Bed location – Nephrology Ward – 16 Male beds + 5 post transplant beds + 2 (Recovery room) for post operative post transplant patient. Female 17+1 (Recovery room).
- Sambhunath Pandit Hospital 11 female bed and 19 male beds running under Nephrology Department.
- Ventilator, defibrillator and cardiac monitor facility available.
- Patients are also admitted in Woodburn Ward.
- Department has dialysis room with high end dialysis machine with CRRT facility
- A Operation Theater for various intervention is present.
- Renal OPD is located in new Nephrology building
- USG guided Biopsy procedure (outdoor basis) – daily; Temporary Access (daily), Permcath insertion & AV fistula creation done in adjacent to dialysis room.
- AV Fistula creation (started from December 2012). Cases being done Monday to Saturday by Urology and Plastic surgery.

MONTH	INDOOR ADMISSION	TRANSPLANT	CADAVERIC TRANSPLANT	OPD ATTENDANCE
DEC 17	86	2		3400
JAN 18	101	3		3522
FEB 18	96	5	2	3360
MAR 18	94	4		3610
APR 18	96	6	2	3828
MAY 18	99	3		3984
JUN 18	92	1		4010
JUL 18	98	2		3830
AUG 18	90	5	3	3983
SEP 18	88	3		4045
OCT 18	113	8	5	4623
NOV 18	115	7	6	4627
TOTAL	1168	49	18	46,822

Hemodialysis Unit, Nephrology, IPGME&R/SSKM Hospital

MONTH	HEMO DIALYSIS	PERMA CATH INSERTION	IJV/ FEMORAL INSERTION	RENAL BIOPSY	PLASMA PHERESIS	PERM CATH REMOVAL	AV FISTULA CREATION	CAPD CATH INSERTION	INJ RETUXIMAB 500	INJ RETUXIMAB 100	INJ ENDOXAN/ CYCLOPHOS
DEC '17	1,386	10	240	67	30	02	11	-	12	-	08
JAN '18	1,404	09	213	62	14	01	13	-	09	02	04
FEB '18	1,282	14	247	77	22	02	15	-	14	08	08
MAR '18	1,327	07	291	102	50	02	12	01	13	15	08
APR '18	1,350	16	280	85	38	01	11	-	11	04	08
MAY '18	1,422	28	346	71	20	03	19	-	10	13	02
JUN '18	1,350	37	577	86	26	01	22	-	06	10	04
JULY '18	1,387	37	353	58	23	02	22	01	07	-	06
AUG '18	1,409	38	377	59	30	03	13	-	19	-	-
SEP '18	1,295	24	407	74	24	01	09	-	05	13	06
OCT '18	1,313	09	257	73	33	05	17	-	19	11	04
NOV '18	1,490	31	258	51	27	02	15	-	05	07	06
TOTAL	16,415	260	3,846	865	337	25	179	02	130	83	64

Renal transplant program:

Kidney transplantation is done on every - Tuesday
 Transplantation follow-up clinic on every - Thursday
 Pre-Transplant Workup OPD - Monday/ Wednesday/ Friday
 Glomerulonephritis clinic - Tuesday

Nuclear and Experimental Medical Sciences

FACULTY & STAFF

Dr. Jayanta Chatterjee DRM, MD	Professor & Head (Retired in 2018)
Dr. Debasis Das DRM, MD	Associate Professor & Head
Dr. Saikat Kumar Choudhury MD	Assistant Professor
Dr. Srabani Sen DCP, MD	Assistant Professor
Dr. Sushanta Pal DCH, DMRT, MD	Assistant Professor
Dr. Koushwambi Kar MBBS, DMRT	RMO cum Clinical Tutor
Dr. Punyabrata Dobe MBBS, DTCD, DBMS, FCCP	MO on Supy Duty
Technical Officer (Nuclear Medicine)	2 posts – Vacant
Group D	3 posts – Vacant

TRANSFERS AND POSTINGS

Nil.

FACULTY NEWS

Dr. Debasis Das

- Attended Teacher's Training Program conducted by Institute of Health & Family Welfare, Government of West Bengal, between June 26-28 2018.

Dr. Srabani Sen

- Chairperson in "Nuclear Cardiology in Clinical Practice -Focus on Cardiac PET-CT" conducted by Society of Nuclear Medicine India (Eastern Chapter) held in Kolkata on 4th February 2018.
- Insulin Discovery Day 2018 in Kolkata.
- World Diabetes Day 2018 in Kolkata.
- Medicon International 2018 in Kolkata Nov 16-17, 2018.
- Teacher's Training Program conducted by Institute of Health & Family Welfare, Government of West Bengal, between June 26-28 2018.

Dr. Sushanta Pal

- Awarded for post graduate program in Paediatric Nutrition from Boston University School of Medicine, USA.

Dr. Koushwambi Kar

- Attended Teacher's Training Program conducted by Institute of Health & Family Welfare, Government of West Bengal, between June 26-28 2018.

Dr. Punyabrata Dobe

- RSSDI (WB Chapter) & ESB Joint Annual Conference 2018 in Kolkata, May 12-13, 2018.
- Dr. Mohan's International Diabetes Update 2018 in Chennai, Jul 21-23, 2018.
- Dimensions in Diabetes 2018 in Mumbai, Aug 4-5, 2018.
- Best of ADA Conference in Kolkata, Oct, 2018.
- Insulin Discovery Day 2018 in Kolkata.
- World Diabetes Day 2018 in Kolkata.

REGULAR ACADEMIC ACTIVITIES

Lectures and in-house training for DM (Endocrinology), MCh (Urology), MD (Radio-diagnosis) and DMRD students.

Obstetrics & Gynecology

FACULTY

Name	Qualification	Designation
Dr. Partha Sarathi Chakraborty	MD	Professor and Head
Dr. Subhash Chandra Biswas	MD, FICOG	Professor
Dr. Sudip Saha	MD, DNB	Professor
Dr. Gouri Sankar Kamilya	MD, DNB	Professor
Dr. Sumit Ranjan Pramanick	MD	Associate Professor
Dr. Sambhunath Bandyopadhyay	MD	Associate Professor
Dr. Kalyansree Chaudhury	MD	Associate Professor
Dr. Anuradha Ghosh	MD	Associate Professor
Dr. Sarbeswar Mondal	MS	Assistant Professor
Dr. Dipnarayan Sarkar	MD	Assistant Professor
Dr. Biswajit Ghosh	MD	Assistant Professor
Dr. Subesha Basu Roy	MS	Assistant Professor
Dr. Sumanta Kumar Mondal	MS	Assistant Professor
Dr. Rahul Deb Mandal	MS	Assistant Professor
Dr. Rathindranath Roy	MS	Assistant Professor
Dr. Subhendu Choudhury	MS	RMO cum Clinical Tutor
Dr. Saumen Mandal	MS	RMO cum Clinical Tutor
Dr. Hajekul Alam	MS, DNB	RMO cum Clinical Tutor
Dr. Sayantani Sengupta	MS	RMO cum Clinical Tutor
Dr. Bidisha Roy Choudhury	DNB	RMO cum Clinical Tutor
Dr. Varsha Saboo	MS	Senior Resident
Dr. Samik Sanyal	MS	Senior Resident
Dr. Monalisa Mohapatra	MS	Senior Resident

Transfers and Postings

- Dr. Chaitali Dutta Roy has been promoted as Professor and transferred to Raiganj Medical College.
- Dr. Poushali Sanyal has been promoted as Assistant Professor and transferred to Burdwan Medical College.
- Dr. Kalyanshree Chaudhury and Dr. Anuradha Ghosh joined our department as Associate Professor.
- Dr. Rathindranath Roy has joined as Assistant Professor.

Postgraduate (MS) trainees

2016-2019	2017-2020	2018-2021
Dr. Arunima Halder Dr. Bharat Chandra Mandi Dr. Sukanta Das Dr. Neelu Singh Dr. Debarati Saha Dr. Akanksha Mishra Dr. Rityan Sasmal Dr. Amisha Rathore Dr. Mousumi Mondal Dr. Sahina Bilkis Parveen Dr. Kumari Sikha Dr. Disharee Das	Dr. Manisha Dr. Sarumathy Dr. Amrita Gupta Dr. Binita Kumari Dr. Rituparna Raj Dr. Payel Mondal Dr. Rajesh Karmakar Dr. Chirantan Mondal Dr. Sreeparna Dey Dr. Kabita Agarwal	Dr. M. Shindhura Rao Dr. Rimjhim Gupta Dr. Shabina Khatoon Dr. Khushboo Soni Dr. Pritha Chakraborty Dr. Dipanwita Biswas Dr. Annanya Mukherjee Dr. Roma Dr. Ritu Mann Dr. Shreelakshmi M.V Dr. Priyam Biswas Dr. Shermin Begum Dr. Mahuya Mondal (MO) Dr. Koyal Halder (MO) Dr. Madhusudan Sahoo (MO) Dr. Md.Nurejjaman (MO)

ACADEMIC ACTIVITY

Regular academic activities

- Bedside clinics
- Seminars
- Journal club
- Hands on training for post graduates
- Maternal mortality audit

Other academic activities

1. TRAINING OF PPIUCD: Our department has been chosen as one of the centres of Government of West Bengal, for conducting TRAINING OF PPIUCD.
2. MAA: Our department has been chosen as one of the centres of Government of West Bengal, for conducting TRAINING OF MAA(Mothers absolute Affection) programme.
3. GURUKUL TRAINING PROGRAMME FOR POSTGRADUATES: Was conducted by our department along with Indian Menopausal Society
4. IMS QUIZ (BENGAL ROUND): Was conducted by our Department in collaboration with Indian Menopause Society and teams from various medical colleges participated.
5. ORATION: Prof Sreemanto Banerjee Oration was given by Prof Ajoy Rane from Australia, former President of Royal college of Obstetricians and Gynecologists.
6. ADVANCED CONTRACEPTIVE TRAINING PROGRAMME: Was conducted in collaboration with the Bengal Obstetric and Gynecological Society & Kalyani Obstetric and Gynecological Society.
7. CME: on early initiation of breast feeding was held in collaboration with UNICEF and BOGS.

RESEARCH PROJECTS

The Regional Centre of Clinical Research in Human Reproduction is running since 1982. At present Prof. Gouri Sankar Kamilya is the Officer-in-charge. The different studies that are going on at the centre are as follows :

- 1) Phase -1V – multicentric study with Centchroman.
- 2) Hospital based surveillance of female genital fistula.

- 3) A study on teenage pregnancy and its outcome

STUDENT ACADEMIC ACHIEVEMENTS

Achievement in the Indian menopausal society National conference 2018

1. Dr. Akansha Misra - 1st prize in Quiz contest
2. Dr. Akansha Misra - 1st prize in Debate competition
3. Dr. Dishari Das - 1st prize in Paper presentation
4. Dr Varsha Saboo - 2nd prize in Quiz & 2nd prize in debate

On the basis of examinations, the faculty members of this department selected the following PGTs for the awards listed below in November 2018 :

1. Medal for proficiency in Obst. & Gynae: Dr Sukanta Das
 2. First Certificate of merit for proficiency G&O: Dr. Rajesh Karmakar
 3. Second Certificate for proficiency G&O: Dr. Kumari Sikha
-
1. Medal for proficiency in thesis work (G&O): Dr. Ritayan Sasmal
 2. 1st Certificate of merit for proficiency in thesis work (G&O): Dr. Akanksha Mishra
 3. 2nd Certificate of merit for proficiency in thesis work (G&O): Dr Neelu Singh

The Board of examiners of this department recommended the following students for Class Assistantship in Obs & Gynae, based on their performance in the concerned examination held on 23.11.18.

- Senior Class Assistantship – Sourav Chakraborty
- Junior Class Assistantship – Saikat Sen, Priyanka Mondal

SERVICE INFORMATION

OPD

Location : Gynecology Building (ground floor)

OPD attendance: Total patient – 1,17,730 (01.12.2017 to 30.11.2018)

Indoor

Bed distribution: Gynecology beds – 72, Obstetric beds – 78

Beds location : Gynecology Building & Ronald Ross Building

Gynecology ward – 36	Cabin – 4	Mat Ward – 54 + 24
Labor room – 10	G.F. Ward – 26 + 10	Ligation ward – 10

Total admissions: 13,395

Procedures /investigations performed (01.12.2017 to 30.11.2018)

- Major operative procedures : 4802
- Minor operative procedures, tubectomy and diagnostic laparoscopy : 2158
- Total number of deliveries (vaginal + LSCS): 6435

Unit distribution

Units	Admission Day	Consultants	Operation Day
IA	Monday	Dr. Sudip Saha Dr. Subesha Basu Roy Dr. Dip Narayan Sarkar	Thursday
IIA	Tuesday	Dr. Gourisankar Kamilya Dr. Sarbeswar Mandal Dr. Rathindranath Roy	Friday
IIIA	Wednesday	Dr. Partha Sarathi Chakravorty Dr. Rahul Deb Mandal	Saturday
IVA	Thursday	Dr. Subhash Chandra Biswas Dr. Sumit Ranjan Pramanick	Monday
IB	Friday	Dr. Kalyansree Chaudhury Dr. Anuradha Ghosh Dr. Biswajit Ghosh	Tuesday
IIB	Saturday	Dr. Sambhunath Bandyopadhyay Dr. Sumanta Kumar Mondal	Wednesday

Other patient related information

Tumor Clinic, Infertility Clinic, Ultrasonography, Fetal Monitoring, Post Partum Unit (PP Unit) and PPTCT unit are also running efficiently.

PP unit is now providing various post-partum contraceptives in the form of:

1. PPIUCD
 2. Depo Medroxy Progesterone Acetate injection - ANTARA
 3. Centchroman - CHHAYA
-

Ophthalmology

STAFF

Faculty

Dr. Mita Khan, MBBS, MS	Professor &HOD
Dr. Amitabha Raychaudhuri, MBBS, MS, MSc (CEH)	Professor
Dr. Suchitra Majumdar MBBS, MS	Professor
Dr. Smiti Rani Srivastava MS, FRCS	Associate Professor (Joined on 10.09.2018)
Dr. Mohua Mazumdar MBBS, DO, MS	Assistant Professor (On detailment)
Dr. Amit KumarGupta MBBS, DO, MS	Assistant Professor
Dr. Shashwat Bhattacharya MBBS, MS	Assistant Professor (Joined on 11.09.2018)

Medical Officers

Dr. Sonali Bhattacharya MBBS, DO
Dr. Biswajit Mandal MBBS, DO

Junior Consultant

Dr. Arunima Chakraborty MBBS MS

Senior Residents

Dr. Prabisha Banerjee MBBS, MS
Dr. Lenin Biswas MBBS, MS

PMOA

Mr. Surajit Kundu
Mr. Soumitra Chatterjee

ACADEMIC ACTIVITY

- CME Programs
- Classes of MBBS Students
- Classes of Nursing students
- Internship training of optometry students

FACULTY NEWS

Prof. Mita Khan

- Acted as Chairperson at ARC-AIOS Ophthalmic meet –East Zone(, SESSION-1) conducted by RIO, Kolkata on 11th. Sept.2018.

Prof. Amitabha Raychaudhuri

- Paper setter in MBBS , M.S.(Ophth) and D.O. Examinations.
- Conducted MBBS examinations.
- Thesis adjudicator
- Participated to conduct M.S. (Ophth) examination under WBUHS and other state universities.
- Conducted DNB examinations in Kolkata, Ahmedabad and Pune; FNB examination in Kolkata

Prof. Suchitra Majumdar

- Acting as Co-guide for Thesis entitled "Clinical Profile of Cavernous Sinus syndrome in tertiary care hospital " for PDT, Neuromedicine, BIN, Kolkata.

- Acted as Chairperson at ARC-AIOS Ophthalmic Teacher's meet –East Zone conducted by RIO, Kolkata on 11th. Sept.2018
- Thesis adjudicator for MS exam.

Dr. Mohua Mazumdar

- Undergoing training for detection and laser therapy of retinopathy of prematurity at RIO, Kolkata.
- Acted as Convenor, MBBS III rd Prof Pt I ,Supplementary Exam at College of Medicine & Sagore Dutta Hospital ,Kamarhati.

Dr. Amit Kumar Gupta

- Undergoing training for detection and laser therapy of retinopathy of prematurity at RIO, Kolkata.
- Undergone Teachers training at Institute of Health & Family Welfare, Kolkata, from 25.09.18 to 28.09.18.

SPECIAL PROGRAMS

- Observation of 33rd National Eye Donation Programme(25.08.2018 to 08.09.2018)- counselling and distribution of leaflets.
- Awareness Programme for Eye Donation was held on 28.08.2018 in collaboration with Sankara Nethralaya, Kolkata for all doctors, MBBS students , Nursing staff, GDA, WardMaster , and Police etc.
- Prof S. Majumdar and Mr. Surojit Kundu (PMOA) participated in a Cataract, Glaucoma, Diabetic retinopathy, Refractive error screening & Eye check-up Camp organized by Aswini Nagar Charitable & Welfare Society in association with East Bengal Club on 22.09.2018.
- Prof A. Raychaudhuri participated in " After Death Donation Camp" organized by Bhowanipore South Students Club, Kolkata.
- Observation of Glaucoma week.
- School Eye Screening programmes were conducted with distribution of free spectacles in schools by the PMOA.

SERVICE INFORMATION

Performance (up to 30.11.2018)

- OPD Patients - 50137
- Refraction - 14548
- OPD Procedures - 4473
- Cataract operation (O.T. reopened on 29.05. 2018 after renovation) - 123
- Yag Laser treatment - 65
- Perimetry - 207
- OCT - 1206 (from 13.04.18 to 30.11.18)
- ROP Screening - 2744; detected – 73 ; Laser therapy - 20

Procedures and facilities available

- Glaucoma services
- Cornea clinic
- YAG laser application
- Biometry
- ROP screening at SNCU, Dept. of Neonatology
- Hospital Cornea Retrieval Programme
- Fundus Camera with FFA
- Humphrey Visual Field Analyzer
- Heidelberg Tomograph (for optical coherence tomography, OCT)

Otorhinolaryngology (ENT)

STAFF

Faculty

Dr. Arunabha Sengupta DLO, MS	Professor & Head
Dr. Swapan Kumar Ghosh DLO, MS, DNB	Professor
Dr. Sumanta Kumar Dutta MS	Professor
Dr. Piyush Kumar Roy DLO, MS	Associate Professor
Dr. Bijon Basak MS	Associate Professor
Dr. Subhradeep Biswas MS	Assistant Professor
Dr. Debasish Ghosh DLO, MS	Assistant Professor
Dr. Alok Ranjan Mondal MS	RMO cum Clinical Tutor
Dr. Arindam Das MS	RMO cum Clinical Tutor
Dr. Anindita Sengupta MS	RMO cum Clinical Tutor
Dr. Kaustuv Das Biswas DLO, MS	RMO cum Clinical Tutor
Dr. Sourav Dutta MS	Visiting Consultant, Oncosurgery (Head-Neck)

Senior Residents

Dr. Bahnisikha Kayet MS
 Dr. Pranay Agarwal MS
 Dr. Pradipta Ghosh MS
 Dr. Soumik Basu DLO, MS, DNB

Postgraduate trainees

Third year	Second year	First year
<ul style="list-style-type: none"> • Dr. Sandipta Mitra • Dr. Soutrik Kumar • Dr. Soumendra Nath Mondal • Dr. Dhiman Basu 	<ul style="list-style-type: none"> • Dr. Arya Brata Dubey • Dr. Bijoy Krishna Bhadra • Dr. Mridul Janweja • Dr. Soumen Biswas 	<ul style="list-style-type: none"> • Dr. Sauravmoy Banerjee • Dr. Prakriti Samaddar • Dr. Soumyajit Purkait • Dr. Sagar Banerjee

Students passed out in 2018 MS ENT examination

Dr. Ankit Choudhary Dr. Dhiman Basu [One year exempted candidate], Dr. Joseph Nadakkavukaran, Dr. Manisha Ray and Dr. Sayan Hazra.

ACADEMIC ACTIVITY

In addition to theoretical & clinical classes of MBBS students as per Health University schedule, the department is involved in postgraduate teaching in MS (ENT) & DLO program that includes lectures, classes, temporal bone & cadaver dissection (at Temporal bone & Cadaver dissection lab situated in Department of Anatomy), seminars, journal club, CME programme, group discussions and clinical meetings which are held regularly.

Undergraduate teaching programme

Theoretical classes in lecture theatres & clinical classes (in the form of bedside teaching, tutorial classes, ward rounds, OPD patient examination and operation theatre observations) of MBBS students are also taken regularly as per health university schedule throughout the year in batches scheduled from the dean office.

Postgraduate teaching programme

CME & case presentation & journal club-one each every week held throughout the year as part of post graduate teaching programme; 42 well organized cme were conducted in the department during the present year.

Grand round and bed side teaching - besides day to day ward round, one grand round is done every week with all the faculties and pg students with interactive discussion and teaching on individual bedside patients.

Teaching at ENT OT & OPD – students are also taught regarding various surgical skills all through the year in elective operation theatre and round the clock emergency operation theatre. Likewise clinical examination and patient and patient party management with sympathetic attitude-all these are taught in day to day opd indoor patient dealings.

Ongoing thesis work

Student	Guide	Topic
Dr. Sandipta Mitra	Dr. Arunabha Sengupta	Coblation versus cold steel adeno-tonsillectomy – a comparative study.
Dr. Soutrik Kumar	Dr. Swapan Kumar Ghosh	A prospective study of auditory alterations following radiotherapy in patients with head and neck malignancy.
Dr. Soumendra Nath Mandal	Dr. Pijush Kumar Roy	A clinical study to evaluate patients with hoarseness of voice due to benign laryngeal lesions with special reference to microlaryngeal surgery.
Dr. Dhiman Basu	Dr. Arunabha Sengupta	A comparative study between tympanoplasty with cortical mastoidectomy versus plain tympanoplasty in the management of mucosal variety of chronic otitis media.
Dr. Arya Brata Dubey	Dr. Arunabha Sengupta	A clinico-pathological study of laryngeal carcinoma with special focus on stage of diagnosis and metastatic pattern.
Dr. Bijoy Krishna Bhadra	Dr. Swapan Kumar Ghosh	A clinical study of active squamous type of chronic otitis media.
Dr. Mridul Janweja	Dr. Arunabha Sengupta	Endoscopic versus microscopic type 1 tympanoplasty in inactive mucosal chronic otitis media: a comparative study.
Dr. Soumen Biswas	Dr. Sumanta Kumar Dutta	A clinico-pathological study of chronic rhinosinusitis of both polypoidal and non-polypoidal variety with comparison between the medical and surgical management.

The department is also regularly conducting workshop, seminars and other academic sessions for the postgraduate students and faculty.

State and national conferences as well as different workshops in the country are attended by the faculty, residents and students of the department.

SERVICE INFORMATION

We have started Cochlear Implant surgeries, LASER and navigation image guided surgery for skull base lesions. Endoscopic trans-sphenoidal pituitary surgery is now routinely performed in ENT OT. Along with micro-ear surgeries and FESS we have a dedicated head neck oncology team that is frequently doing difficult head neck surgeries on cancer patients. We are also conducting special Head Neck Oncology Clinic every Saturday at ENT OPD.

Our OPD is fully equipped with fiberoptic endoscopes, a minor OT and a Audiovestibular Unit.

Lastly and most importantly our 24 hours ENT emergency is unparalleled and unique for performing record number of bronchoscopy and oesophagoscopies in pediatric patients, neonates & referred cases saving countless lives every year.

List of surgical instruments (routine and advanced) in ENT main OT

- Three ot tables each fitted with diathermy machine and powerful electrical sucker machine
- ENT operating microscopes-four in number with beam splitter, tutorial piece, camera & monitors
- Microdrill set (four in number) with micromotor, straight & contra-angle handpiece with cutting & diamond burr sets
- 0, 30, 70 degree nasal endoscopes with camera and monitors
- 1.9 & 2.7mm 0 degree nasal endoscopes
- Microdebrider with straight & angled blades
- Video laryngoscope with accessories
- Neonatal, paediatric and adult esophagoscopes and broncoscopes with all compatible forceps including optical forceps and telescopes.
- Paediatric and adult flexible fiberoptic laryngoscope and bronchoscope with accessories
- Coblation device with different wands
- Harmonic scalpel
- CO₂ laser with micromanipulator and scanner mode and fiberoptic carrier system
- Navigation system

List of routine instruments in audiovestibular laboratory, ENT minor OT attached to ENT OPD

- Audiovestibular laboratory equipped with audiometer, tympanometer, BERA-ENG machine with a fulltime audiologist & speech therapist
- Fiberoptic laryngoscopy / nasopharyngoscopy with camera and monitor in minor OT complex attached to ENT OPD
- Diagnostic and operative ENT microscope with suction machine in minor ot complex attached to ENT OPD.
- Besides routine ENT examination sets with otoscopes, etc ; 0 & 70 degree nasal endoscopes with camera and monitors are there in ENT OPD patient examination cubicles.

All the beds in the ENT ward and indoor minor OT are equipped with centralised oxygen supply and suction system.

Temporal bone and cadaver dissection laboratory

There are two cadaver dissection laboratory in our department. One is housed in a separate room in the same floor of the ENT ward. The other temporal bone and cadaver dissection laboratory is housed in the anatomy dept, ground floor under the ENT dept. Both the lab are equipped with microscopes and endoscopes with hand instruments and microdrill and sucker machines. PG students under the guidance of senior residents and faculty practice cadaver dissection regularly as per schedule.

Procedure and teaching demonstration room annexed to the ENT indoor/ward:

This room is also equipped with a microscope, spot light, sucker machine, examination stool and bed with instruments (tracheostomy sets, dressing sets, etc)

Faculty room and on-duty resident's room-

Present in the same floor and annexed to the ENT ward (as per MCI norms)

OPD patient count

		New Case			Old case		
Month	Males	Females	Total	Males	Females	Total	Grand Total
Nov 2017	3315	2523	5838	2106	1170	3276	9114
Dec 2017	2588	2138	4726	1988	1668	3656	8382
Jan 2018	2605	2115	4720	1681	1289	2970	7690
Feb 2018	3110	2531	5641	2290	1914	4204	9845
Mar 2018	2731	2303	5034	2070	1295	3365	8399
Apr 2018	2671	2273	4944	1877	1181	3058	8002
May 015	3289	2912	6201	1948	1348	3296	9497
Jun 2018	3323	2785	6108	2523	2185	4708	10816
Jul 2018	3705	2944	6649	3205	2101	5306	11955
Aug 2018	3142	2706	5848	1195	1258	2453	8301
Sep 2018	3177	2739	5916	2377	2239	4616	10532
Oct 2018	3176	2704	5880	2432	2204	4636	10156
Total	36,832	30,673	67,505	25,692	19,852	45,544	1,13,049

ENT admission count

Month	Admission				Discharge		Death	
	OPD		ER		Male	Female	Male	Female
	Male	Female	Male	Female				
Nov 2017	109	114	10	25	117	111		1
Dec 2017	102	79	16	22	114	90		1
Jan 2018	103	85	13	23	109	96		
Feb 2018	97	93	14	24	107	109	2	1
Mar 2018	91	97	19	30	106	111	5	1
Apr 2018	112	91	18	18	115	104		
May 2018	95	95	20	26	111	105		
Jun 2018	99	95	26	35	115	118		3
Jul 2018	200	113	17	23	119	109	3	
Aug 2018	92	79	25	34	113	111	1	
Sep 2018	93	97	18	32	108	107		1
Oct 2018	50	55	10	28	70	75		
TOTAL	1243	1093	206	320	1304	1246	11	8

Total male patients admitted – 1449

Total female patients admitted – 1413

Total admissions – 2862

Surgery count (Main OT)

Month	Major	Minor	TOTAL
Nov 2017	173	5	178
Dec 2017	165	13	178
Jan 2018	163	5	168
Feb 2018	173	3	176
Mar 2018	161	8	169
Apr 2018	178	11	189
May 2018	162	11	173
Jun 2018	164	8	172
Jul 2018	185	0	185
Aug 2018	162	18	180
Sep 2018	170	8	178
Oct 2018	102	6	108
TOTAL	1958	96	2054

Audiovestibular Laboratory

SSKM Hospital, ENT Department P.P.P unit in collaboration with Dr. Anirban Biswas.

Apart from PTA, tympanometry, BERA, ENG and speech therapy, tone decay, SISI, ABLB are being routinely done every day at our audiovestibular lab annexed to ENT OPD.

Tests done in the months 1st November, 2017 to 31st October, 2018

Months	PTA	Tympanometry	BERA	ENG	Speech therapy
Nov 2017	537	218	21	7	9
Dec 2017	476	210	0	10	10
Jan 2018	686	236	22	11	5
Feb 2018	491	245	22	12	4
Mar 2018	558	302	26	12	9
Apr 2018	451	279	24	14	10
May 2018	644	440	59	21	14
Jun 2018	514	334	45	6	11
Jul 2018	690	424	47	21	10
Aug 2018	632	466	67	27	12
Sep 2018	406	51	20	13	11
Oct 2018	350	284	69	16	18
TOTAL	6435	3489	422	170	123

Orthopedics

Faculty

Dr. Ananda Kisor Pal	MBBS, MS, DNB	Professor & Head
Dr. Koushik Chakraborty	MBBS, MS	Professor
Dr. Rana Das	MBBS, MS	Professor
Dr. Alok Shovan Dutta	MBBS, MS	Associate Professor
Dr. Dibyendu Biswas	MBBS, MS	Associate Professor
Dr. Tanmay Datta	MBBS, MS, DNB	Associate Professor
Dr. Abir Ghosh	MBBS, MS	Assistant Professor
Dr. Arnab Karmakar	MBBS, MS, DNB	Assistant Professor
Dr. Nani Gopal Das	MBBS	RMO cum Clinical Tutor
Dr. Abhijit Basak	MBBS, MS	RMO cum Clinical Tutor
Dr. Debashis Mukherjee	MBBS, MS	RMO cum Clinical Tutor

Senior Residents

Dr. Sagnik Roy	MBBS, MS, DNB, MNAMS
Dr. Supriyo Sarkar	MBBS, MS, DNB, MNAMS
Dr. Amit Vidyarthi	MBBS, MS
Dr. Sajeev Sekhar	MBBS, MS

Junior Residents (MS Students)

2016-2019	2017-2020	2018-2021
Dr. Ayon Ghosh Dr. Vaibhav Singh Dr. Abhijit Gorai Dr. Arijit Mondal Dr. Salil Mondal Dr. Priyanath Majumder	Dr. Md. Sharjeel Khan Dr. Debayan Sinha Roy Dr. Pravat Dehury Dr. Anubhav Bhattacharya Dr. Riju Mali Dr. Saswata Datta	Dr. Pinaki Das Dr. Sohel Rana Chowdhury Dr. Shashank kumar Sinha Dr. Sanjib Ghosh Dr. Diptendu Ghosh Dr. Sahir Mondal

FACULTY NEWS

Prof. Ananda Kisor Pal

Lectures and presentations

- Approach to pediatric wrist and hand deformities at WBOACON 2018 held at Murshidabad
- Approach and management of foot and ankle trauma at CEZCON 2018
- Talk on Elbow arthroplasty at IAACON held at ITC Sonar, Kolkata on 16/09/2018
- Talk on AOTS trauma update 2018 held at Hyatt Regency, Kolkata
- Delivered national CME guest lecture on spine examination at Raipur AIIMS in December 2018

Examinations conducted

- Conducted DNB (Orthopaedic) Exam on 3rd, 4th & 5th May 2018 at IPGME & R.
- Conducted MS(Orthopaedics) Exam on 3rd& 4th June 2018 and MS (Ortho) Supplementary & D (Ortho) Exam on 24th & 25th September 2018 at IPGME & R
- Conducted DNB ORTHO Examination on 29,30,31 August 2018.

Others

- Hosted the monthly CME meeting of Association of Sport medicine of West Bengal as Vice President
- Editor, Journal of West Bengal Orthopaedic Association, Chief Editor of International journal of Orthopaedic Surgery
- Executive Member of Eastern zonal Handicap Board for Admission in Medical Postgraduate Entrance and Nursing

Dr. Arnab Karmakar

Lectures and presentations

- Paper presentation at WBOACON 2018 on 11th Feb on- "clavicle fracture-comparison between conservative and operative management"
- Faculty in Cadaveric Shoulder Arthroscopy workshop at SSKM hospital on 17th March
- Lecture at SPORTMEDCON 2018 on 18.03.2018- " Current concepts of prevention of injury after ACLR"
- Lecture at ICL of WBOA on 24-25th March, 2018 on " PFLP in trochanteric fractures in elderly"
- Lecture at EIOT on TBW on 12th April, 2018.
- Lecture at Annual conference of Midnapore district association of sports medicine on " Rehabilitation after sports injuries" on 29.04.2018.
- As Session co ordinator in KUPLIC 2018 at Kolkata , session on proximal humerus fractures.
- Paper presentation on Arthroscopy in ISKSAA 2018 at Leeds on 21st June.
- Quiz master for PG Quiz of WBOA 2018 held on 25th June at WBOA office.
- Faculty at CEZCON 2018 at Siliguri, delivered a lecture on " Post malleolar fracture". And quiz master for PG quiz.
- Faculty at IASCON 2018 at Kerala , Delivered a Lecture on "Knee osteotomy with primary ACLR" 5th Oct 2018
- Lecture at master class at JBCH salt lake Kolkata "Decision making in SLAP tears". 3.11.2018
- Faculty at live surgery workshop on rotator cuff repair at NRSMCH ON 24.11.2018. Delivered a lecture "Mini open vs Arthroscopic cuff repair"

Ongoing research project

- 1. "ROLE OF TOPICAL DICLOFENAC IN OA KNEE" – as Co-Investigator.
- 2. "ROLE OF ETODOLAC INJECTION IN POST OPERATIVE ANALGESIA "– as Principle Investigator.

Article review

- Reviewed 2 articles for "Journal of Arthroscopy and Joint Surgery"..

ACADEMIC ACTIVITY

- 1) Regular Academic activities like Seminar, Journal club, Clinical Case Presentation etc held in the seminar room of our department.
- 2) Monthly seminar of Sports Medicine held in every first or third Wednesday.
- 3) PGT's orientation programme.
- 4) Conducted MS (Ortho) Examination on 3rd , 4th& 5th June, 2018
- 5) Conducted MS (Ortho) supplementary & D. Ortho Examination on 24th& 25th Sep, 2018 respectively
- 6) Conducted DNB (Ortho) Examination on 3rd&4th Nov, 2017.
- 7) Conducted DNB (Ortho) Examination on 3rd,4th, 5th May 2018
- 8) Monthly Tumor Board meeting held in every 3rd Saturday.
- 9) Paper presentation by Dr. Ayon Ghosh on Foundation Day of IPGME&R on 16th January 2018 on "Evaluation of results of Baksi's Sloppy Hinged Elbow Prosthesis by a modified surgical technique" and won 1st prize

- 10) Seminar held on 8th Dec 2017 on – Chronic Pain Management by Dr. Ayon Ghosh (Convenor: Dr. T Datta)
- 11) Seminar held on 22nd Dec 2017 on – ATLS Protocol by Dr. Vaibhav Singh (Convenor: Dr. A. K. Pal)
- 12) Seminar held on 5th Jan 2018 on – Teriparatide in Osteoporosis by Dr. Salil Mandal (Convenor: Dr. K. Chakraborty)
- 13) Seminar held on 19th Jan 2018 on – Role of Bisphosphonates in Osteoporosis by Dr. Arijit Mondal (Convenor: Dr. A. Ghosh)
- 14) Seminar held on 10th Feb 2018 on – Different modalities of fixation for pertrochanteric fractures of femur by Dr. Priyanath Majumdar (Convenor: Dr. R Das)
- 15) Seminar held on 24th Feb 2018 on – Indications and methods for Reverse Shoulder Arthroplasty by Dr. Abhijit Gorai (Convenor: Dr. T Datta)
- 16) Seminar held on 9th Mar 2018 on – PLC Reconstruction by modified LaPrades technique by Dr. Ayon Ghosh (Convenor: Dr. A Karmakar)
- 17) Seminar held on 23rd March on – Calculation of FRAX Score by Dr. Vaibhav Singh (Convenor: Dr. A. K. Pal)
- 18) Seminar held 6th April 2018 on – Methods and Indications of High-tibial osteotomy in OA Knee by Dr. Salil Mandal (Convenor: Dr. K. Chakraborty)
- 19) Seminar held on 20th April 2018 on – Role of HTO and ACL reconstruction in medial OA/ varus knee and failed ACLR by Dr. Arijit Mondal (Convenor: Dr. A. Ghosh)
- 20) Seminar held on 11th May 2018 on – Modalities of ankle arthrodesis by Dr. Priyanath Majumdar (Convenor: Dr. R Das)
- 21) Seminar held on 25th May 2018 on – Modalities of Spino-pelvic fixation by Dr. Abhijit Gorai (Convenor: Dr. A.S. Datta)
- 22) Seminar held on 15th June 2018 on – Osteoarthritis and its management by Dr. Md. Sharjeel Khan (Convenor: Dr. A Karmakar)
- 23) First year post-graduate trainee orientation programme held on 22nd June 2018 on the following topics:
 - a. Dr. Vaibhav Singh and Dr. Md. Sharjeel Khan: Emergency patient management and ATLS protocol
 - b. Dr. Salil Mandal and Dr. Riju Mali: Daily notes and ward round
 - c. Dr. Priyanath Majumdar and Dr. Anubhav Bhattacharya: Instrumentations in orthopaedics
 - d. Dr. Ayon Ghosh and Dr. DebayanSinharoy: Pre-operative evaluation
 - e. Dr. Arijit Mondal and Dr. Saswata Datta: Post-operative evaluation and Ward round
 - f. Dr. Abhijit Gorai and Dr. PravatDehury: Discharge summary, Rehabilitation and Conservative Management
- 24) Seminar held on 29th June 2018 on – Role of Vitamin D3 in homeostasis by Dr. Saswata Datta (Convenor: Dr. K. Chakraborty)
- 25) Seminar held on 6th July 2018 on – Modalities of pelviacetabular fixation by Dr. DebayanSinharoy (Convenor: Dr. D. Biswas)
- 26) Seminar held on 20th July 2018 on – Bone graft substitutes by Dr. Md. Sharjeel Khan (Convenor: Dr. A Ghosh)
- 27) Seminar held on 3rd Aug 2018 on – Advances in treatment of cartilage and bone defects with regenerative therapy by Dr. A. Karmakar
- 28) Seminar held on 17th Aug 2018 on – Role of Dabigatran in prevention of post-op VTE by Dr. DebayanSinharoy (Convenor: Dr. K. Chakraborty)
- 29) Seminar held on 31st August 2018 on – Unicondylar knee arthroplasty by Dr. Saswata Datta (Convenor: Dr. K. Chakraborty)
- 30) Seminar held on 7th Sep 2018 on – Multiaxial SUV frame fixation in deformity correction by Dr. Anubhav Bhattacharya (Convenor: Dr. K. Chakraborty)
- 31) Presentation on management of common tendinopathies in orthopedics (Dr Debayan Sinharoy) On 8th September 2018.

- 32) Different surgical approaches in human body at department seminar room on 19th Nov, 2018
- 33) Cadaveric workshop for Pelviacetabular surgery held in seminar room November 2018
- 34) Presentation on management of Osteoarthritis at seminar room on 5th December 2018
- 35) Presentation of ongoing research for Johnson and Johnson fellowship candidates and demonstrations of specialized surgery at Woodburn OT , Such TFL MPBG for vascular necrosis of femur head , Pes anserinoplasty for habitual dislocation of patella, total elbow arthroplasty using Baksis 3rd Generation sloppy hinged total elbow prosthesis.

Theses work in progress

Dr. Ayon Ghosh	Evaluation of results of Bakshi sloppy hinge elbow arthroplasty using a modified surgical technique: a study in tertiary care center in eastern India.
Dr. Vaibhav Singh	Identification of patients with high risk of osteoporotic fractures in an Indian clinical setting by making use of World Health Organization Fracture Risk Assessment Tool (FRAX): a study in a tertiary care centre in eastern India.
Dr. Abhijit Gorai	Evaluation of results of reverse dome osteotomy in cubitus varus deformity.
Dr. Arijit Mandal	Evaluation of results of open reduction and internal fixation by double tension band wiring in intercondylar fracture of distal humerus in adult patients.
Dr. Salil Mondal	Evaluation of results of proximal femoral nailing in subtrochanteric fractures in adult: a study in tertiary care center in eastern India.
Dr. Priyanath Majumdar	Evaluation of results of philos plating through minimal invasive plate osteosynthesis for displaced proximal humerus fractures in adult.
Dr. Md. Sharjeel Khan	Comparative evaluation of results of horizontally oriented figure-of-eight tension band wiring versus vertically oriented figure-of-eight tension band wiring in transverse fracture of patella in adults.
Dr. Debayan Sinha Roy	Evaluation of results of Hybrid External Fixation with minimal internal fixation in cases of fractures of proximal tibia with compromised soft tissue.
Dr. Pravat Dehury	Evaluation of results of operative intervention in acromioclavicular joint disruption using Ethibond: A study in tertiary healthcare centre in eastern India.
Dr. Anubhav Bhattacharya	Evaluation of use of limb reconstruction system for infective non-union tibia
Dr. Riju Mali	Comparative evaluation of results of spanning vs. non-spanning external fixation in cases of distal radius fractures.
Dr. Saswata Datta	Evaluation of limb saving surgery in tumors around the knee.

Workshops conducted in 2018

1. Shoulder arthroscopy at orthopaedic seminar room and anatomy cadaveric dissection lab on 22nd May 2018
2. Cadaveric workshop for pelviacetabular surgery held at anatomy dissection hall in November 2018.

Paper presentation In WBOA-MIDCON, 2018

- Dr. Ayon Ghosh- A rare case of Mid arc Habitual patella Dislocation Treated by PesAnserinus Transfer.
- Dr. Debayan.Sinharoy- A case of 1 month old fracture neck of femur treated with non vascularised fibular graft and CHS.
- Dr. Md. Sharjeel Khan- A case of post-traumatic Post-infective non-union radius treated with antibiotic impregnated calcium sulphate beads with JESS fixation and subsequent ORIF with fibular strut graft
- Dr. Md. Sharjeel Khan – A case of proximal tibial GCT treated with excision of mass and knee arthrodesis using femorotibial long intramedullary nail
- Dr. Arijit Mondal A case of proximal tibial GCT treated by excision and megaprosthesis.

Paper presentation in WBOACON, 2018

- Dr. Ayon Ghosh – Evaluation of results of Baksis sloppy hinge total elbow prosthesis by a modified surgical technique, a study in tertiary care hospital India (Winner of Siliguri Best Paper Award)
- Dr. Vaibhav Singh - Identification of patients with High risk of Osteoporotic fractures in Indian clinical setting by making use of World Health Organisation fracture risk assessment tool(FRAX)
- Dr. Arghyakusum Roy- Comparative evaluation of results of close reduction and external fixation versus open reduction and internal fixation with plate screw fixation for displaced proximal humerus fracture in adult
- Dr Debanjan Adak- Evaluation of result of closed reduction and internal fixation of intertrochanteric fracture of femur with DHS by minimally invasive procedure.

Case presentation at bone tumor registry held at WBOA office on 17th Nov 2018

- Dr. Anubhav Bhattacharya – A case of distal radius GCT treated by excision and wrist arthrodesis by JESS fixation – Gold medal winner
- Dr. Salil Mandal- A case Of distal femur neoplasm treated with excision and megaprosthesis- Bronze medal winner
- Dr. Saswata Dutta- A case of proximal humerus neoplasm treated with excision and shoulder hemiarthroplasty
- Dr. Ayon Ghosh- A case of proximal tibia GCT treated with excision and knee arthrodesis using long intramedullary femorotibial nail

Poster presentation at RKMCON 2018

- Dr. Sharjeel Khan – A case of post traumatic post infective non union radius treated with antibiotic impregnated calcium sulphate beads with JESS fixation and subsequent ORIF with fibular strut graft
- Dr. Riju Mali- A case of habitual dislocation of patella treated with MPFL reconstruction
- Dr. Salil Mandal- Distal femur neoplasm treated with excision and megaprosthesis

PG QUIZ under the aegis of WBOA, 2018

- Ranked as Runners up (Team Dr. Ayon Ghosh and Dr. Arijit Mondal)
- Dr. Ayon Ghosh- ranked first at TYSA ZONAL ROUND and ranked within top 6 of TYSA final round at Ahmedabad

Dr. Priyanath Majundar- Ranked third at TYSA zonal round

Publications

Prof. A. K. Pal

- Osteosynthesis of Ununited femoral neck fractures by Internal Fixation combined with free iliac crest and Quadratus Femoris MPBG – Long term results published at IJO Issue no 4Vol 50 selected for SN Baksi best published paper award , to be given at IOACON 2017 at Indore
- Prosthetic replacement of Elbow in Old healed Side Swipe injuries- Long term results ... Already under publication in forthcoming issue of IJO

Dr. A. Karmakar & Dr. D. Biswas

- Evaluation of Percutaneous Vertebroplasty for Management of Symptomatic Osteoporotic Compression Fracture – Arnab Karmakar, Suchi Acharya, Dibyendu Biswas, Arkaprabha Sau. Journal of Clinical and Diagnostic Research. 2017 Aug, Vol-11(8): RC07-RC10

Dr. A. Basak & D. Biswas

- Cannulated cancellous screw and Ender's nail fixation in intertrochanteric femur fracture in elderly patient with co-morbid condition - Dr. Avijit Basak, Dr. Dibyendu Biswas

SERVICE INFORMATION

No of Patients attended in Orthopedics OPD - 200864.

No of Patients operated in Emergency Orthopedics OT - 2116

No of Patients operated in Orthopedics Main OT - 1964

No of Patients admitted in Orthopedics Ward - 4874

Joint Replacements (last one year)

- THR - 92
- TKR - 18
- TER - 13
- Total knee mega prosthesis - 2

Arthroscopic Operations (last one year)

- ACL Reconstruction done – 42
- PCL Reconstructon – 6
- Meniscal repair – 20
- Repair in case of shoulder instability(Bankart repair) – 15
- Rotator cuff repair- 10
- LCL reconstruction- 1 MPFL reconstruction-3 PLC reconstruction-2

Spinal Surgery done (last one year) – 6

Deformity correction by Ilizarov fixator – 11

Deformity correction by LRS – 23

Paediatric deformity correction – 33

Pediatric Medicine

FACULTY

Dr. Supratim Datta	DCH, MD	Professor & HOD
Dr. Sumana (Datta) Kanjilal	MD	Professor
Dr. Mrinal Kanti Das	MD	Professor
Dr. Malay Kumar Sinha	DCH,MD	Associate Professor
Dr. Sumantra Sarkar	MD	Associate Professor
Dr. Anirban Chatterjee	MD	Associate Professor
Dr. Sarbani Mishra	MD	Assistant Professor
Dr.. Subham Bhattacharya,	MD, DM(Clinical Hematology)	Assistant Professor
Dr. Bidhan Chandra Roy	MD	Assistant Professor
Dr. Sanjukta Bhattacharya	DCH	Medical Officer
Dr. Sananda Pati	MD , MRCPCH	RMO-cum clinical tutor
Dr. Sanjana Samanta	MD	RMO-cum clinical tutor
Dr. Suprit Basu	MD ,DNB	RMO-cum clinical tutor
Dr. Lalit Agarwal	MD	Senior Resident
Dr. V.S.S. Prasanthi	MD	Senior Resident
Dr.Partha Pratim Paul	MD	Senior Resident

Promotion, Joining and Transfer of Faculty

Dr Lalit Agarwal, Dr. V.S.S.Prasanthi, Dr Partha Pratim Paul joined as Senior Resident.

Dr. Mandira Roy, Dr. Arnab Halder and Dr Parichay Bera resigned from the post of Senior Resident.

Passed Out Post Graduate Students in 2018

- Dr. Arpan saha, Dr. Moumita Biswas, Dr. Asha Kalwar, Dr. Rabindranath Dash have passed MD Pediatrics examination.

Present Postgraduate Trainees

From the Session 2017 Post graduate seats have been increased from 4 to 9

Session 2016-19	Session 2017-20	Session 2018-21
Dr. Jayati Das Dr. Ranjabati Datta Dr. Soumi Bag Dr. Kaushambi Basu	Dr. Saraswati Mondal Dr. Ashik hossain Dr. Habib Rahaman Dr. Jay kishor prasad Dr. Sajan Sinha Dr. Biplab Besra Dr. Chhotan Saha Dr. Md Rakibul Hassan Dr. Rahul Malgope	Dr. Basundhara Bhattacharya Dr. Anuradha Agarwal Dr. Dikpati Mukherjee Dr. Sayantani Nandi Dr. Sanchali Chakraborty Dr. Maidul Islam Dr. Priyanka Gupta Dr. Jyotirmoy Sen Dr. Hasibur Rahaman Molla

FACULTY NEWS

Prof. Supratim Datta

Conference Participation

- Expert Panelist and Chair person in WBPEDICON 2018
- Delegate in National Pediatric Neurology conference of IAP held in New Delhi from 7/9/18-9/9/18

- International Child Neurology Conference by ICNA held in Mumbai from 15/11/18-18/11/18
- Pediatric Rheumatology conference held in Kolkata
- Chairperson of National Pediatric Neurology CME of Neurology chapter of IAP in Kolkata on 7/7/18
- Chairperson in conference of Endocrinology Society of Bengal on World Diabetes Day in Kolkata

Research Project:

'Prevention of Down Syndrome Birth through Awareness Campaign, Genetic counseling and Development of Preconceptional DNA Based Diagnostic Markers' In collaboration with University of Calcutta, Department of Zoology.

Other Activities

- Convenor of MD Pediatric medicine exam of IPGME&R, May 2018
- Convenor of Final MBBS Examination of IPGME&R held in February 2018

Publications in last one year : Listed under departmental publication

Prof. Sumana (Datta) Kanjilal

Ongoing Projects

1. Decoding the Genetics of Host-parasite interaction during Erythrocyte invasion by *P. falciparum* in Human Malaria. A project under University Grant Commission, New Delhi, with Dr. S. Sengupta, Assoc. Professor, Dept. of Biochemistry, University College of Science, Calcutta University.
2. Towards understanding host gene regulation in *P.falciparum* : An insight into disease pathogenesis. A grant from Science & Engineering Research, Department of Science & Technology, New Delhi, with Dr. S. Sengupta, Assoc. Professor ,Dept. of Biochemistry, University College of Science, Calcutta University.

Research Work

Undergoing a study on "**Plasmodium merozoite invasion of human erythrocyte: Genetic perspective and implications**" with collaboration with Dept. of Biochemistry, University College of Science, Calcutta University with a grant from WB-DBT

Award

Awarded as past 'Editor- in Chief' of '**The Child and Newborn**' journal of West Bengal Academy of Pediatrics.

Publications in last one year : Listed under departmental publication

Examiner

- Examiner -MD (Pediatrics) Examination of Assam Medical College, Dibrugarh- May, 2018
- Examiner- MD (Pediatrics) Examination (Regular & Suppl.) of WBUHS- September ,2018
- Examiner - 3rd Professional MBBS Examination (Part II) of WBUHS- February, 2018
- Paper setter - DCH Examination (suppl.) of Srimanta Sarkardeva University of Health science, Guwahati, September, 2018.
- Moderator - MD (Pediatrics) Examination of Tripura University, Agartala, March,2018

Conference Participation :

- Chair person at the WBPEDICON at 2018 at Kolkata
- Speaker on" Early diagnosis of Cerebral Palsy" at National Summer CME of Indian Academy of Pediatrics, April, 2018.
- Chairperson of National CME on Pediatric Neurology, June,2018
- Chairperson of the session of Computer Symposium of 37th Conference of WBAP, December, 2018.

- Chairperson of the session 'Differentiation with other causes of Enteritis & colitis' of Pediatric IBD awareness meet, June, 2018
- Delegate in International Child Neurology Congress, November, 2018
- Delegate in National Summer CME in Pediatric Infectious Diseases, April, 2018
- Delegate 2nd Conference of Pediatric Rheumatology Society, September, 2018
- Attended workshop on 'Identification of Developmental Differences And Early Action' at Indian Association of Cerebral Palsy Conference, November, 2018
- Attended workshop on "Cradle to Crayon" of WBAP, June, 2018
- Participated in various CME and clinical meetings of WBAP & others.

Others:

1. Guide of theses of post graduate students of IPGMER.
2. Adjudicator of MD (Pediatrics) theses of WBUHS & Srimanta Sarkardeva University of Health Science, Guwahati, 2018.3
3. Guided the presentation of cases by PGTs in the Clinical Meeting of West Bengal academy of Pediatrics, November, 2018.
4. Member of Advisory Committee of 37th WB Pedicon, November, 2018 .

Prof. Mrinal Kanti Das

Nominated as Mentor for the UG students from the Department of pediatrics of the Institute

Research Project:

Co-investigator in project of Regional Centre for antimicrobial resistance surveillance network

Conference Participation:

- Participated as speaker & chair person in National Conferences, GDBP (Growth, Development & Behavioural Pediatrics) and Pediatric Rheumatology, sub-chapter of IAP.
- Faculty in National conference of Pediatric Rheumatology, 2017
- Faculty in WHO Workshop for medical administrators of WB on Case Based Measles-Rubella Surveillance
- As Co-author in Poster titled 'Study on risk factors for relapse in childhood nephrotic syndrome in a tertiary care centre of eastern India in the 'WPEDICON, Kolkata.
- As Co-author in e-poster 'Langerhans cell histiocytosis: an experience at a tertiary care centre in eastern India' at PHOCON 2017, Kolkata.

Examiner

- Internal examiner (Convener) for MBBS ,3rd Prof-part II exam. under WBUHS, WB
- External examiner for post-graduate exams. (MD, Pediatrics) of Assam medical college, Dibrugarh, Assam and Berhampur medical college, Berhampur, Odisha .

Other activities

- Adjudicator of MD (ped) Thesis : S.S.Univ. of Health Sciences, Assam / Manipur University, Imphal / W.B.Univ. of Health Sciences
- Guide of Post-graduate (M.D., Ped) student.
- Served as paper Setter for MBBS, DCH course of WBUHS, W.B..
- Expert Board Member in the Selection Committee for the interview of teaching Faculty-posts of Prof. .Assoc Prof. , Asstt. Prof. At ESIC-PGIMSR & Medical College, Joka, Kolkata.

Publications in last one year : Listed under departmental publication

Dr. Malay Kumar Sinha

Acting as nodal officer of HIV in IPGME&R,Kolkata

Invited Speaker

- Participated as 'Faculty' and speaker on opportunistic infection in HIV.

State level Training Programs attended:

- Attended training program on Dengue and chikangunya under National Vector born disease control Program.
- Attended Pediatric HIV CME at Medical College, Kolkata

Examiner: MBBS ,3rd Prof-part II exam. under WBUHS,WB

- Guide of Post-graduate (M.D. Ped) student and adjudicator of post graduate thesis.

Publications in last one year : Listed under departmental publication

Dr. Sumantra Sarkar

- In charge of Pediatric Pulmonology and Rheumatology specialty clinic
- Nominated as Mentor for the UG students from the Department of pediatrics of the Institute

Invited Speaker

- Delivered a Lecture as a resource person in the academic session of 'Modern Biology' sponsored by University Grant Commission (UGC) Human Resource Development Centre, University of Calcutta on the contemporary medical topic- Scrub Typhus (06.10.18)

Conference Participation:

1. Expert Panelist- on Kawasaki Disease at 'Rheumatology symposium' at the WBPEDICON 2018, Kolkata [7-9 Dec,2018]
2. Moderator in the Panel discussion - 'Exploring Juvenile Dermatomyositis' at the 2nd Conference of West Bengal Pediatric Rheumatology Society at Swabhum Rasmancha ,Kolkata [2^{9th} -3^{0th} September,2018]
3. Faculty –delivered lecture on 'Implication of stunting' in a session of 'Stop Stunting' at the 34th Annual Conference of IAPSM– (West Bengal Chapter) at College of Medicine & Sagore Dutta Hospital, Kamarhati, Kolkata.[4-5 th May 2018]
4. Expert Panelist- 'Rheumatology Panel' at the HAPCON, Pediatric Conference organized by Hoogly academy of Pediatrics at Vedam ,Purusottom bati,Hoogly [31st March-1st April,2018]

Organizational activities

- Elected as **Executive Board Member** of West Bengal Academy of Pediatrics
- Organized WBAP Clinical Meeting at IPGMER [29th November,2018]

State level Facilitator:

1. Resource person in the 'Induction training of BMOH' and took a session on 'Management on Pediatric Problems in rural setting and IMNCI' at the Administrative Training Institute, Salt Lake Kolkata. [28.09.2018 ,25.07.2018 and 27.02.18]
2. Resource person and Facilitator in the "TOT on MAA (Mothers Absolute Affection)"at at College of Medicine & Sagore Dutta Hospital, Kamarhati, Kolkata.[13-14 th Sept. 2018]
3. Resource person in the Workshop on 'Antibiotic Guidelines on Limited Diseases' at Institute of Health & Family Welfare Salt Lake Kolkata on 01.06.2018.

Publications in last one year: Listed under departmental publication

Reviewer of Journals:

Indian Journal of Medical research (ICMR Journal)/ Indian Journal of Public Health/ Saudi Journal of Kidney Disease and transplantation/Pediatrics Today/Journal of Health, Population and Nutrition/ International Journal of Physical Medicine and Rehabilitation

Clinical Trial Projects:

- Principal Investigator in approved Phase III /IV trials of MR and Flu Vaccines

Other Activities:

- Guide of Post-graduate (M.D. Ped) students
- Post Graduate Thesis Adjudicator
- Convener and Internal Examiner of Final M.B.B.S Examination Part II (Pediatrics) Suppl.[June 2018] under West Bengal University of Health Science, Kolkata

Dr Anirban Chatterjee

- Reviewer of journal: The Pediatric Infectious Disease Journal Online ISSN: 1532-0987
- Became the member of The International Child Neurology Association
- Internal Examiner for M.B.B.S 3 rd Professional Part - II (Supplementary) Oral & Practical Examination 2018 in the subject of Paediatric Medicine on 06 .06. 2018 (Centre: IPGMER , Kolkata)

Dr. Sarbani Roy Misra

- Delegate in Basic Ventilation Workshop and 55th PEDICON held in Nagpur on January 2nd -7th, 2018.
- Delegate in APICC Workshop and International Pediatric Critical Care Conference of India -IPCCCI 2018, held in Hyderabad, on 20-23 October 2018

Dr. Subham Bhattacharya

- In Charge of Specialty clinic of Pediatric Hematology
- Conference presentation
- As Co-author in e-poster 'Langerhans cell histiocytosis: an experience at a tertiary care centre in eastern India' at PHOCON 2017, Kolkata.
 - As Co-author in Presented an e-poster titled 'Success Of Induction Therapy Of ALL In Children In A Tertiary Care Hospital As Per Bfm2002 Protocol 'At PHOCON 2017,Kolkata.

Dr. Bidhan Chandra Roy

- Assistant Professor, Posted at PICU
- Nodal person of Polio and Measles surveillance
- Became the member of The Indian Academy of Pediatrics
- Attended WBPEDICON2018 as a Delegate

Dr. Sananda Pati

- In charge of Paediatric Endocrinology Clinic in collaboration with Department of Endocrinology
- Activities and conference participation:
- Quizmaster for IAP paediatric undergraduate and post graduate quiz
 - Conferences and CMEs attended- Paediatric HIV CME, Medical College; Neonatal Endocrinology CME, NRSMBH ; WB Rheumatology CME .

Dr.Suprit Basu

- Speaker- at the YUVA CME at the WBPEDICON 2018, Kolkata on 'Recent trends of Scrub Typhus in the pediatric patients [7-9 Dec,2018]
- Nodal person of Snake Bite and MR surveillance
- Co-Investigator in approved Phase III /IV trials of MR and Flu Vaccines

Dr. Sanjana Samanta

- Co-Investigator in approved Phase III /IV trials of MR and Flu Vaccines
- Organized IAP paediatric undergraduate and post graduate quiz

ACADEMIC ACTIVITIES OF THE DEPARTMENT

- Regular postgraduate and undergraduate teaching and clinical training
- Weekly seminars and case presentation
- Monthly Mortality Meeting
- Journal club, Inter-departmental discussion, Guest Lectures
- Neurology and PICU clinical meet
- WBAP clinical meeting yearly held in November every Year
- Pediatric Quiz (Indian Academy of Pediatrics) PG and UG

Thesis Topics

1. Dr. Soumi Bag, 3rd year PGT; Study on efficacy and safety of rituximab therapy in children with complicated steroid dependent nephrotic syndrome
2. Dr. Ranjabati Dutta, 3rd year PGT; Study on prevalence of pulmonary hypertension in thalassaemia.
3. Dr. Kaushambi Basu, 3rd year PGT Study on clinico-epidemiological profile of Haemophagocytic Lymphohistiocytosis in children in a tertiary care hospital and it's outcome.
4. Dr. Jayati Das, 3rd year PGT; A study on the clinico-epidemiological profile and outcome of pediatric snake bite victims in a tertiary referral centre.
5. Dr. Rakibul Hassan, 2nd year PGT; A Study on Hematological abnormalities in paediatric lupus patients in a tertiary care hospital in Eastern India.
6. Dr. Habib Rahman, 2nd year PGT; A Study on efficacy and safety of hydroxyl urea therapy in α -beta thalassaemia cases in a tertiary care Hospital.
7. Dr. Ashik Hossain, 2nd year PGT; A study on liver dysfunction in critically ill children in a tertiary care hospital.
8. Dr. Sajan Sinha, 2nd year PGT; Clinical & molecular characterization of children with beta thalassemia in a tertiary care centre in West Bengal.
9. Dr. Chhotan Saha, 2nd year PGT; Study on serum Immunoglobulin IgG, IgM, IgA & Complements C3, C4 level in Childhood Nephrotic Syndrome.
10. Dr. Biplob Besra, 2nd year PGT; status of serum vitamin D3 level in congenital heart disease with special reference to pulmonary hypertension.
11. Dr. Saraswati Mondal, 2nd year PGT; Study on Efficacy and safety of alternate day and daily usage of levamisole in children with Frequent Relapse and Steroid dependant Nephrotic Syndrome
12. Dr. Jaykishore Prasad, 2nd year PGT; A study on clinical spectrum of congenital heart disease in children in a tertiary care centre.
13. Dr. Rahul Malgope, 2nd year PGT; A study of clinico- etiological profile and short term outcome of children with pericardial effusion admitted in a tertiary care hospital in Eastern India

Academic achievements of PGTs and UG students in last 1 year

Conference /CME Presentation and Awards

1. Dr. Kaushambi Basu & Dr. Jayati Das, 3rd year PGTs presented poster in the State Pedicon 2018 in the award paper section.
2. Dr. Ranjabati Dutta & Dr. Soumi Bag, 3rd year PGT won the college round and state round of IAP post graduate quiz and runners-up in the zonal round of IAP PG quiz.
3. Dr. Chhotan Saha and Dr. Sajan Sinha, 2nd year PGTs participated in the inter college round of the neonatology quiz.
4. Dr. Anuradha Agarwal (1st year PGT), Dr. Chhotan Saha (2nd year PGT) and Dr. Jayati Das participated in the college round of hematology quiz and stood runners-up.

5. Dr. Biplab Besra, 2nd year PGT presented a case in the bi-monthly meeting of PSA WB chapter in the department of pediatric surgery.
6. Dr. Kaushambi Basu, 3rd year PGT, presented a case at the pediatric rheumatology conference at Kolkata.
7. Dr. Habib Rahman, 2nd year PGT, presented a case and stood 1st in the WBAP clinical meet of IPGMER.
8. Dr. Ranjabati Dutta & Dr. Jayati Das, 3rd year PGTs participated in the PG quiz of Child and Newborn chapter, WBAP.
9. Dr. Soumi Bag, 3rd year PGT, Dr. Sajjan Sinha, Dr. Rakibul Hasan, 2nd year PGT Dr. Anuradha Agarwal, 1st year PGT presented cases in the WBAP clinical meet of IPGMER.
10. Jibetosh Biswas and Safder Imam, students of 3rd Prof. MBBS, stood first in IAP undergraduate Intra College quiz held at SSKM Hospital and participated in the next level

Sukanya Das and Mrinmoy Sarkar were selected as senior and junior Class Assistants respectively among the students of 3rd Prof. MBBS.

Publications of the students

1. Basu S, Saha A, Sarkar S, Sinha MK, Das MK, Datta R, Hazra A, Datta Kanjilal S, Datta S. Clinical Profile And Therapeutic Response Of Scrub Typhus In Children- A Recent Trend From Eastern India. *J Trop Pediatr*. 2018 May 23. doi: 10.1093/tropej/fmy027. [Epub ahead of print]
2. Saha A, Sarkar S, Patil A, Besra B, Saha C. Epididymo-Orchitis in Scrub Typhus. *Indian J Pediatr*. 2018 Nov; 85(11):1035-1036.
3. Sarkar S, Basu K, Das J, Datta S. Abrus Precatorius Poisoning and Central Pontine Myelinolysis. *J Pediatr Neurosci*. 2017(Oct-Dec); 12: 353-355.

Publications from the Department

1. Basu S, Saha A, Sarkar S, Sinha MK, Das MK, Datta R, Hazra A, Datta Kanjilal S, Datta S. Clinical Profile And Therapeutic Response Of Scrub Typhus In Children- A Recent Trend From Eastern India. *J Trop Pediatr*. 2018 May 23. doi: 10.1093/tropej/fmy027. [Epub ahead of print]
2. Ray A, Oliver TR, Halder P, Pal U, Sarkar S, Datta S, Ghosh S. Risk of Down syndrome birth: Consanguineous marriage is associated with maternal meiosis-II nondisjunction at younger age and without any detectable recombination error. *Am J Med Genet A*. 2018 Sep 21. doi: 10.1002/ajmg.a.40511. [Epub ahead of print]
3. Chowdhury P, Sen S, Datta Kanjilal S, Sengupta S. Genetic structure of two erythrocyte binding antigens of *Plasmodium falciparum* reveals a contrasting pattern of selection. *Infection, Genetics and Evolution* 57 (2018) 64–74.
4. Biswas M, Sinha MK, Das MK, Sarkar S. Van Wyk-Grumbach syndrome with hemangioma in an infant. *J Pediatr Endocrinol Metab*. 2018 Jul 20 [Epub ahead of print]
5. Saha A, Sarkar S, Patil A, Besra B, Saha C. Epididymo-Orchitis in Scrub Typhus. *Indian J Pediatr*. 2018 Nov; 85(11):1035-1036.
6. Saha A, Sarkar S. Recurrent Kawasaki Disease. *Indian J Pediatr*. 2018 Aug; 85 (8):693-694
7. Saha A, Sarkar S, Mondal P, Sarkar R, Datta S. Recurrent Gastro-intestinal Bleeding Unfolded as Heyde's Syndrome. *Indian J Pediatr*. 2018 Jul; 85 (7):589-590.
8. Misra Roy S, Basu S, Roy BC, Datta S. Clinical Profile and Outcome of Patients Admitted to Pediatric Intensive Care Unit of a Tertiary Care Teaching Hospital in Eastern India. *Journal of Medical Science and Clinical Research* 2018; 6 (9):1071-1075
9. Sarkar S, Basu K, Das J, Datta S. Abrus Precatorius Poisoning and Central Pontine Myelinolysis. *J Pediatr Neurosci*. 2017(Oct-Dec); 12: 353-355.

Accepted Publications

1. Ghosal S, Gajendra P, Datta Kanjilal S, Mitra M, Sengupta S. Diversity analysis of MSP1 identifies conserved epitope organization in block 2 amidst high sequences of variability in Indian *Plasmodium falciparum* isolates. Accepted for Publication in *Malaria Journal* (MALJ-D-18-00246R1). In press
2. Datta (Kanjilal) S, Ranjabati Datta R, Pal PP. Superior mesenteric artery syndrome in a case of Juvenile dermatomyositis: A unique complication. Accepted for publication in *The Journal of Clinical Rheumatology* (RHU50740)- in press.

SERVICE INFORMATION

Total no. of Beds 90 – at Alexandra ward, 4th floor Main building as General Pediatric and Specialty Pediatric Ward Including Oncology Ward

- Total annual admission in Pediatric ward – **5214**
[5155 in 2017, 4141 in 2016, 2945 in 2015 and 2550 in 2014]
- Total annual death in Pediatric ward – **248 (4.8%)**
[117 (2.27%) in 2017, 242 (5.84%) in 2016, 159 (5.05%) in 2015 and 159 (6.24%) in 2014]

Patient care is rendered by all tiers of Doctors including the House physicians and interneers.
Clinical Attachments of PGTs – to the NICU (Departmental of Neonatology) and PICU in addition to Pediatric ward.

Pediatric Intensive Care Unit (PICU) – 8 bedded at present with a step down ward

Dr Sarbani Mishra , Assistant Professor (In charge)

- Total Admission in PICU- **414** [448 in 2017, 366 in 2016, 360 in 2015]
 - From Pediatric medicine: **334 (80.68%)**
 - From other discipline: **80 (19.32%)**
[Pediatric Surgery: 40, Neurosurgery:17, Otorhinolaryngology: 18, Others:5]
- Total patient ventilated : **136** [136 in 2017, 140 in 2016, 132 in 2015]
- Total patient recovered from critical illness: **219** [262 in 2017, 262 in 2016, 265 in 2015]
- Patient survival rate: **52.89%** [58.48% in 2017, 71.58% in 2016, 73.61 % in 2015]
- Survival of ventilated patient **40.44%** [46.22% in 2017, 49.3% in 2016, 49.3 % in 2015]

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: **52330** [46356 in 2017, 44686 in 2016]
- Old patients – **23918** [23580 in 2017, 21114 in 2016, 11742 in 2015]
- New patients – **28412** [25353 in 2017, 23572 in 2016, 20893 in 2015]

Admission Days

Monday	Prof.Sumana (Datta) Kanjilal
Tuesday	Prof. Mrinal Kanti Das
Wednesday	Prof. Supratim Datta, Dr. Subham Bhattacharya
Thursday	Dr. Anirban Chatterjee
Friday	Dr. Malay Kumar Sinha
Saturday	Dr. Sumantra Sarkar

Specialty Clinics

Special Clinics	In Charge	Days and time
Pediatric Pulmonology and Rheumatology	Dr Sumantra Sarkar	Saturday (12 - 3pm)
Pediatric Hematology	Dr Subham Bhattacharya	Wednesday (1- 2 pm)

Well Baby & Immunization Clinic – Every Wednesday and Friday

Patient care service for the newborn babies in the annexed Institutes –

1. Sambhu Nath Pundit Hospital – Regular round by the faculty staff for last 6 years
2. Khidirpur Maternity Home – Round the clock service by the doctors started from August 2014

Pediatric Surgery

STAFF

Dr. Ruchirendu Sarkar MS, MCh
Dr. Rishavdeb Patra MS, MCh
Dr. Sujitesh Saha MS, MCh
Dr. Shibsankar Barman MS, MCh

Professor & Head
Associate Professor
Associate Professor
Assistant Professor

Dr. Alope Kumar Sinha Babu MS, MCh

Clinical Tutor

Dr. Aneek Roychoudhury DNB, MCh

Senior Resident

Postdoctoral (MCh) trainee

Dr. Purnendu Dutta MS

Postdoctoral (MCh) Trainee

Passed out postdoctoral (MCh) trainee

Dr. Avijit Mitra MS

FACULTY NEWS

Dr. Ruchirendu Sarkar

Conference attended

- IAPSCON 2017: Annual national conference held in September 2017 at Hyatt Regency, Kolkata
- WBPSACON 2018: Annual state conference held in January 2018 at Hyatt Regency, Kolkata

Publications

- A prospective study of two stage primary repair for proximal hypospadias and its short term outcomes. IOSR Journal of Dental and Medical Sciences, Feb 2018 vol 13, Issue 2
- A prospective study of treatment of problematic infantile hemangioma with propranolol and its outcome. IOSR Journal of Dental and Medical Sciences, Oct 2017 vol16, Issue 10

Dr. Rishavdeb Patra

Conference attended

- IAPSCON 2017: Annual national conference held in September 2017 at Hyatt Regency, Kolkata
- SPUCON in 8-9th June 2018 at Mumbai

Publication

- A comparative study of tunica vaginalis flap and dartos flap as soft tissue cover for TIP urethroplasty in primary hypospadias repair. IOSR Journal of Dental and Medical Sciences, Jun 2018 vol17, Issue 6

Dr. Shibsankar Barman

Conference attended

- IAPSCON 2017: Annual national conference held in September 2017 at Hyatt Regency, Kolkata
- WBPSACON 2018: Annual state conference held in January 2018 at Hyatt Regency, Kolkata

Publications

- Delayed primary end to end anastomosis for traumatic long segment urethral stricture and its short term outcomes. African journal of Pediatric surgery 2017.
- Demographic study and management of colonic atresia: Single centre experience with review of literature. JIAPS 2018.
- Spontaneous asymptomatic migration of VP shunt into thoracic cavity: A case report with review of literature. JIAPS 2018.

SERVICE INFORMATION

OPD: Monday, Wednesday, Friday OT Days: Daily (except Sundays & specified holidays)

Total OPD cases	Total admissions	Total operations
New: 8377 Old: 8558	1523	1368 (including day care cases)

Pathology

FACULTY

Prof. Chhanda Datta	MBBS, MD	Professor and HOD
Prof. Mamata Guha Mallik (Sinha)	MBBS, MD	Professor
Prof. Madhumita Mukhopadhyay	MBBS, MD	Professor
Prof. Asim Kumar Manna	MBBS, Dip, BMS, MD	Professor
Prof. Uttara Chatterjee	MBBS, MD	Professor
Dr. Suchandra Ray	MBBS, MD	Associate Professor
Dr. Debashish Chakrabarty	MBBS, MD	Associate Professor
Dr. Rama Saha	MBBS, MD	Associate Professor
Dr. Keya Basu	MBBS, MD	Associate Professor
Dr. Mou Das	MBBS, MD	Assistant Professor
Dr. Manisha Sarkar	MBBS, MD	Assistant Professor
Dr. Moumita Sengupta	MBBS, MD, DNB	Assistant Professor
Dr. Chhanda Das	MBBS, MD, DNB	Assistant Professor
Dr. Biswajit Kundu	MBBS	Demonstrator
Dr. Madhumita Mondal	MBBS, MD	Demonstrator
Dr. Sumanta Bhattacharya	MBBS, MD	Demonstrator
Dr. Piyali Kundu	MBBS, MD	Demonstrator
Dr. Ayesha Afreen Islam	MBBS, MD	Demonstrator

Post graduate trainee (MD students)

Session 2016-19	Session 2017-20	Session 2018-21
Dr. G. Vinay Anand Dr. Chandradeep Mallik Dr. Kavita Jain Dr. Banhishikha Kanjilal Dr. Srijita Biswas Dr. Ashish Jha Dr. Suparna De Dr. Afreen Nahar Begum Dr. Tribarna Sinha	Dr. Saswati Sengupta Dr. Moupali Ghosh Dr. Sudeshna Ganguly Dr. Saroj Singh Dr. Samaresh Sardar Dr. Subrajyoti Karmakar Dr. Sudip Roy Dr. Sreejita Mridha Dr. Anindita Mondal	Dr. Neha Bansal Dr. Sriranjana Mukherjee Dr. Ankita Pranab Mondal Dr. Srijana Subba Dr. Trishita Bhattacharya Dr. Sanchita Rakshit Dr. S.M. Sarfaraz Dr. Partho Sinha Dr. Mousumi Bag Dr. Sabita Patra

FACULTY NEWS

- Prof. Chhanda Datta has acted as an MD examiner in the same institute in the last academic session.
- Prof. Mamata Guha Mallik Sinha has acted as an internal examiner in MBBS & MD pathology examination in same institute in last academic session. Acted as organizing secretary of the annual conference of West Bengal Society of Cytology held in IPGMER & SSKM Hospital. Acted as external examiner for MD exam in Sri Krishna Medical College Muzaffarpur, Lucknow AND Tejpur Medical College, Assam. Acted as inspector for DNB accreditation of Balarampur Hospital, Lucknow. Acted as External examiner for DNB examination in Hyderabad and Chandigarh.
- Prof. Madhumita Mukhopadhyay has acted as an external examiner in DNB pathology examinations, Bangalore. Acted as internal examiner for MBBS examinations 2018 held in IPGMER. Prof. Asim Kumar Manna acted as examiner for MBBS supplementary examinations at Kalyani Medical College in June 2018. Acted as chairperson in the annual conference of West Bengal Society of Cytology held in IPGMER & SSKM Hospital.

- Prof. Uttara Chatterjee participated as faculty in pediatric pathology CME, PGI Chandigarh in Feb. 2018. Also in APCON, Bareilly, November 2018.
- Dr. Suchandra Ray Acted as internal examiner of DMLT final examination understate medical Faculty.

Regular Academic Activities

- Apart from classes of MBBS and MD PATHOLOGY courses, lecture classes of BPT, BSC Nursing and DMLT courses are taken by the teachers.
- Slide spotting and discussion for the post graduate students are held on the first Wednesday of each month.
- Journal club and seminars/ microteaching are held in every Thursday with all faculty members and post graduate students. Different teachers of our department act as co guides in the thesis of other disciplines. Many teachers act as adjudicators of MD PATHOLOGY thesis also.
- 12th Annual conferences CYTOCON held on 7th of July in 2018.
- Nephrology also started along with IF.

Student and Research Scholar Information

- 10 students have successfully completed their MD pathology course in 2018.
- 26 publications have been accepted and published in different national and international journals by the faculty members.
- In the AIPM state conference 2018, our post graduate students won awards in the best paper category in histopathology, hematology and histopathology. Our students have also won awards in other national conferences including CAPPON and CYTOCON 2018. Two of our final year post graduates also won the state level Hematology quiz conducted by ISBHT and placed second in the Eastern Regional Level Quiz.

Thesis work submitted in 2018

MD student	Guide / Co-guide	Topic
Dr. Suparna De	Dr. Keya Basu (Ghosh) Dr. Dipankar Sircar Dr. Chhanda Das Dr. Manoj Kumar Choudhuri	Spectrum of histopathological changes in renal biopsies of non-neoplastic kidney diseases in adult population with special reference to immunofluorescence in a tertiary care referral centre.
Dr. Banhisikha Kanjilal	Dr. Uttara Chatterjee Dr. Ruchirendu Sarkar Dr. Ram Narayan Das	Utility of cell block preparation in diagnosis of pediatric abdominal neoplasms with special reference to immunohistochemistry.
Dr. Tribarna Saha	Dr. Chhanda Datta Dr. Surajit Chatterjee Dr. Bidisha Ghosh Naskar Dr. Chhanda Das	Spectrum of EGFR mutation and ALK rearrangement in non-small cell carcinoma of lung.
Dr. Ashish Kumar Jha	Dr. Suchandra Ray Dr. Gouri Sankar Kamilya Dr. Moumita Sengupta	Changes in endometrium in perimenopausal and postmenopausal women with prognostic and diagnostic significance of p53 and PTEN in hyperplastic and neoplastic lesions.
Dr. Kavita Jain	Dr. Chhanda Datta Dr. Dilip Kumar Pal Dr. Moumita Sengupta	Role of liquid based cytology in diagnosis of urothelial carcinoma with special reference to urinary biomarkers in a tertiary care hospital.
Dr. Begum Afrin Nahar	Dr. Rama Saha Dr. Gouri Sankar Kamilya Dr. Chhanda Das	Clinicopathological study of ovarian neoplasm with special reference to HE4 immunohistochemical expression in a tertiary care hospital.
Dr. Chandradeep Mallik	Dr. Asim Kumar Manna	A study of platelet indices in differential diagnosis of thrombocytopenia.

Dr. Guntiboina Vinay Anand	Dr. Mamata Guha Mallick (Sinha) Dr. Sumit Sanyal Dr. Aniket Halder	Study of clinicopathological variables in periampullary tumors with special reference to Ki67 proliferative index and intratumoral microvessel density (IMVD).
Dr. Srijita Biswas	Dr. Debashis Chakrabarty Dr. S. N. Bandyopadhyay	Correlation between the epithelial changes of fallopian tubes with surface epithelial tumors of ovary with reference to Ki67 and P53 immunostains.

Thesis work ongoing

MD student	Guide / Co-guide	Topic
Dr. Sudeshna Ganguly	Dr. Chhanda Datta Dr. Dilip Kumar Pal Dr. Moumita Sengupta	PDL1 expression in prostate cancer: a novel marker of prognosis and proposed target for therapy.
Dr. Saswati Sengupta	Dr. Asim Kumar Manna Dr. Diptendra Kumar Sarkar	Study of the role of immunohistochemistry in the differential diagnosis of follicular lymphoma with clinicopathological correlation.
Dr. Moupali Ghosh	Dr. Madhumita Mukhopadhyay Dr. Surajit Chatterjee Dr. Bidisha Ghosh Naskar Dr. Chhanda Das	The immunochemical and molecular expression of EGFR, ALK and KRAS in non-small cell carcinoma of lung.
Dr. Subhrajyoti Karmakar	Dr. Keya Basu (Ghosh) Dr. Gobinda Chatterjee Dr. Sumantra Sarkar	Study of epidemiological, clinical and pathological characteristics of genetic and acquired bullous disorders in pediatric age group: an institution based cross-sectional observational study.
Dr. Anindita Mondal	Dr. Uttara Chatterjee Dr. Sukanta Ray Dr. Ranajoy Ghosh	Study of expression of DNA mismatch repair proteins in gallbladder carcinoma by immunohistochemistry.
Dr. Samares Sardar	Dr. Rama Saha Dr. Somenath Kundu	Role of liquid based cytology and cell block study of pleural fluid in the evaluation of cases of malignant pleural effusion with special reference to immunohistochemistry.
Dr. Saroj Singh	Dr. Mamata Guha Mallick (Sinha) Dr. Anup Kumar Chaudhuri Dr. Chhanda Das	Clinicopathological study of glial tumors in a tertiary care hospital with special reference to epidermal growth factor receptor (EGFR), p53 and Ki67 immunohistochemical expression.
Dr. Sudip Roy	Dr. Suchandra Ray Dr. Subham Bhattacharya Dr. Moumita Sengupta	Clinico-hematological correlation of pancytopenia with special reference to the role of IRF (immature reticulocyte fraction) by automated cell counter in a tertiary care hospital.
Dr. Sreejita Mridha	Dr. Debashis Chakrabarty Dr. Alope Ghosh Dastidar Dr. Ram Narayan Das	Coagulation study of non-hematological malignancies and effect of chemotherapy in a tertiary care hospital.

SERVICE INFORMATION

Thalassemia screening (Jan '18-Nov '18)	
Total screened	6425
Normal	5368
β thalassemia major	7
HbE carrier	351
HbS carrier	24
HbS-β thalassemia	4

Pharmacology

Staff & Scholars

Faculty

Dr. Amal Kanti Das MBBS, MD
 Dr. Mitali Chatterjee MBBS, MD, PhD, MAMS
 Dr. Suparna Chatterjee MBBS, DTMH, MD
 Dr. Avijit Hazra MBBS, MD
 Dr. Gairik Sengupta MBBS, MD
 Dr. Amrita Sil MBBS, MD
 Dr. Avjit Kundu MBBS, MD
 Dr. Tridib Kumar Ray MBBS
 Dr. Nafisha Yasmin MBBS, MD
 Dr. Tarun Biswas MBBS, MD
 Dr. Sarbajit Mazumder MBBS
 Dr. Saikat Kumar Dalui MBBS, MD

Post / Designation

Professor & Head
 Professor
 Professor
 Professor
 Associate Professor (from 10.09.2008)
 Assistant Professor (till 13.09.2018)
 Assistant Professor
 Demonstrator
 Demonstrator
 Demonstrator (from 04.05.2018)
 Demonstrator (on detailment to Swasthya Bhawan)
 Senior Resident (from 03.08.2018)

Postgraduate trainees

Dr. Pradipta Das
 Dr. Dwaipayan Sarathi Chakraborty
 Dr. Donik Peter
 Dr. Sudipta Ghaoh
 Dr. Kousik Mishra
 Dr. Sudipta Ray
 Dr. Ritam Roy
 Dr. Souryadip Banerjee
 Dr. Abir Pattanayak
 Dr. Sayanta Thakur
 Dr. Bikash Kali Kar
 Dr. Kalyan Samanta
 Dr. Rohit Kumar Nath
 Dr. Dolon Chakraborty
 Dr. Poulomi Roy Chowdhury
 Dr. Priyanka Guha Thakurta
 Dr. Abhijnan Ghosh

MD PGT 2016-19
 MD PGT 2016-19
 MD PGT 2016-19
 MD PGT 2016-19
 MD PGT 2016-19
 MD PGT 2016-19
 MD PGT 2017-20
 MD PGT 2017-20
 MD PGT 2017-20
 MD PGT 2017-20
 MD PGT 2017-20
 MD PGT 2018-21
 MD PGT 2018-21
 MD PGT 2018-21
 MD PGT 2018-21
 MD PGT 2018-21

Research scholars

Dr. Tapas Kumar Sur MSc, PhD
 Ms. Sritama De Sarkar MSc
 Ms. Sneha Mitra MSc
 Ms. Srija Moulik MSc
 Ms. Aishwarya Dighal MSc
 Ms. Ritika Sengupta MSc
 Ms. Deblina Sarkar, MSc
 Mr. Ayan Pradhan MSc
 Ms. Shilpa Sengupta MSc
 Mr. Aniruddha Bagchi MSc
 Mr. Pulakhandam B. Sampath Kumar MPharm
 Mr. Raja Chakraborty MPharm

Postdoctoral Research Scholar
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Pharmacovigilance Associate – PvPI (Resigned)
 Junior Research Fellow

Medical Technologists (Laboratory)

Mr. Anup Samanta

M.T. (Lab)

Other non-teaching staff

Mr. Tapan Kumar Ghosh

GDA

Transfers and postings

- Dr. Gairik Sengupta, Assistant Professor of Pharmacology at R. G. Kar Medical College was promoted to Associate Professor at transferred to IPGME&R. He joined the department on 10.09.2018.
- Dr. Amrita Sil, Assistant Professor, was promoted to Associate Professor and left the department on 13.09.2018 to join the new government medical college at Rampurhat, Birbhum.
- Dr. Tarun Biswas was appointed as Demonstrator after completing MD in Pharmacology from Midnapore Medical College and joined the department on 04.05.2018.
- Dr. Saikat Kumar Dolui was appointed as Demonstrator after completing MD in Pharmacology from Bardhaman Medical College and joined the department on 03.08.2018.
- Dr. Manjari Kumari and Dr. Banhisikha Adhikary, posted as Specialist MO to serve bond term after MD completion were released on completion of their bond period.

Faculty news

Prof. Amal Kanti Das

- Served as Dean of Student Affairs, IPGME&R, Kolkata.
- Served as Member, Library cum Canteen Committee, Medical Education Committee, Anti-Ragging Committee and Institutional Animal Ethics Committee of IPGME&R, Kolkata.
- Convener, Merit cum Means Scholarship Award Committee of IPGME&R, Kolkata.
- Examiner in pharmacology for 2nd MBBS examination of The West Bengal University of Health Sciences, Kolkata.
- Centre-in-Charge for Professional MBBS Examinations and other University examinations at IPGME&R, Kolkata.
- Centre-in-Charge for Paramedical Diploma Course Examinations of West Bengal Medical Council at IPGME&R, Kolkata.
- Superintendent for DNB Mock and Final Theory Examination at IPGME&R.
- MD Pharmacology Thesis Adjudicator for the West Bengal University of Health Sciences, Kolkata.

Prof. Mitali Chatterjee

Elected Fellow, National Academy of Medical Sciences, New Delhi (FAMS)

- Awarded Dr. PN Chhuttani oration, National Academy of Medical Sciences, New Delhi "Phagocytes and the Leishmania parasite; a marriage of convenience' Pondicherry, November 2018
- Invited speaker 'Molecular tools to monitor drug therapy' Indian Pharmacological Society, February, 2018
- Invited Speaker 'From Roots to riches...tapping the Indian biodiversity' Science Day, Indian Association for Cultivation of Science, Kolkata, February 2018.
- Invited Speaker 'From Roots to riches...tapping the Indian biodiversity for modulation of oxidative stress in vitiligo' ESI, Joka, April 2018.
- Invited speaker 'Parasite kinetics in Post kala-azar dermal Leishmaniasis, PKDL consortium, PATH, Colombo, Sri Lanka, May 2018
- Invited speaker 'Monitoring of T-cells in Rheumatoid arthritis', Annual meeting of The Cytometry Society, New Delhi, October, 2018
- Invited speaker 'Macrophage reprogramming and antigen presentation in Post Kala-azar Dermal Leishmaniasis', International Conference on Innovations for the Elimination and Control of Visceral Leishmaniasis (IEC-VL), November 2018.
- Invited Member 'The Infectious Diseases Data Observatory (IDDO)'
- Serving as Member, Core Committee, Science & Engineering Research Board SERB, Dept. of Science & Technology, Govt. of India.
- Serving as Member, Scientific Advisory Committee, Rajendra Memorial Institute of Medical Sciences, Patna, Bihar, ICMR, Govt of India.
- Serving as Member, Network Management Board, VAccine deveLopment for complex Intracellular neglected pATHogEns (VALIDATE), Univ. of Oxford funded through the Medical Research Council, UK
- Serving as Member, International Advisory Group, Establishment of a Global Network for Neglected Tropical Diseases', University of Durham, UK, funded through the Medical Research Council, UK
- Serving as Member, State Level Task Force for Kala Azar in West Bengal
- Serving as Nodal Officer, Multidisciplinary Research Unit, IPGMER, Kolkata
- Served as Member, FIST Committee (Life Sciences), Dept. of Science & Technology, Govt. of West Bengal

- Serving as Member Convener (Technical), Departmental Technical Advisory Committee (R&D), Dept. of Biotechnology, Govt. of West Bengal
- Serving as Chairperson, BOOST programme, Dept. of Biotechnology, Govt. of West Bengal
- Served as Examiner for Pharmacology examination, 2nd MBBS, West Bengal Univ. of Health Sciences
- Served as MPhil/PhD examiner, Calcutta University, Jadavpur University, Kolkata, Jawaharlal Nehru University, New Delhi.
- Acted as Coordinating Member of the Animal Ethics Committee of IPGME&R, Kolkata and served as Member, Biosafety Committee, Indian Institute of Chemical Biology, CSIR, Kolkata.
- Served as Member, Board of Studies, Dept. of Biotechnology, St Xaviers College, Kolkata.

PhDs awarded under supervision of Prof. Mitali Chatterjee in 2017

1. Dr. Soumita De

In addition to projects of concerned MD pharmacology students, served as Principal Investigator / Supervisor of the following projects

SN	Title of the project	Duration	Funding agency
1	A transcriptomic approach to identify clinico-immunological determinants of post kala-azar dermal leishmaniasis (PKDL).	2016-19	Dept. of Health Research, Govt. of India
2	Biomarkers for monitoring the treatment for post kala-azar-dermal leishmaniasis (PKDL) in West Bengal	2016-19	DST, Govt. of West Bengal
3	Evaluation of bioenergetic functions in mitochondria of <i>Leishmania</i> parasites and mammalian macrophages,	2017-19	DST, Govt. of India (Indo-Austrian collaboration)
4	Towards a global research network for the molecular pathological stratification of leishmaniasis.	2017-19	Global Challenges Research Fund, Medical Research Council. As Co-Investigator, PI being Prof. Paul Kaye, Centre for Immunology & Infection, Univ. of York Medical School, UK
5	Identification of clinico-immunological determinants for macular versus polymorphic post kala-azar dermal leishmaniasis (PKDL).	2017-20	ICMR, Govt. of India

Prof. Suparna Chatterjee

Nominated as Member of the National Academy of Medical Sciences, New Delhi, in Nov, 2018.

- Invited speaker at the GCP workshop organized at BA/BE centre, Jadavpur University, 1st December 2018
- Organizer and faculty at the GCP workshop of the Indian Association of Rheumatology, Kolkata 29th November 2018
- Participant of the Annual National Conference of the National Academy of Medical Sciences, organized at Puducherry, November 2018.
- Participant at the Annual Conference of SOPICON organized at DIPSAR, New Delhi, 9th October 2018
- Invited faculty at Research methodology workshop at JIS Dental College, 14th. September 2018
- Speaker at Preconference workshop of the Annual Conference of ISRPTCON, at IGIMS Patna 23rd November 2018
- Speaker at the Annual Conference of ISRPTCON, at IGIMS Patna 24-25th November 2018
- Poster Presentation at the 8th. World Congress of Basic and clinical Pharmacology at Kyoto, Japan, 1-5th. July 2018
- Faculty at Research methodology workshop organised by the Medical Education Unit of IPGMER, Kolkata, 27th-28th. July 2018
- Speaker at the South Asian Chapter of the American College of Clinical Pharmacology at Mumbai, April 2018

Administrative and Academic assignments

- Member of the expert committee constituted by the CDSCO, Govt of India for curbing irrational use of Oxytocin.
- Member of the AEFI Committee, Ministry of Health and Family Welfare, Govt of India

- Member of the Subject Expert Committee 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 IPGME&R, Kolkata.
- East Zone coordinator for training and manpower development of the PVPI.
- Member of the Institute Ethics Committee of NICED (ICMR institute), Kolkata
- Member of the Institute Ethics Committee of Institute of Child Health, Kolkata
- Reviewer of several national and international journals.
- MD examiner at Yavatmal Govt. Medical College, Maharashtra, June 2018
- MD examiner at Kalinga Institute of Medical Sciences (KIMS), Bhubaneswar, June 2018
- MD examiner at MAMC, Delhi University, May 2018
- MBBS examiner at AIIMS, Raipur, June 2018
- MBBS examiner at AGMC, Agartala, January 2018
- MBBS examiner at Murshidabad Medical college, Jan 2018.

Ongoing research project

- Principal Investigator of DST, Govt. of WB funded project titled "Evaluation of immunological determinants in patients of vitiligo". Tenure :2016-2019.
- Principal Investigator of ICMR funded project titled 'Antibiotic stewardship and research in the field of antimicrobial usage'.

Prof. Avijit Hazra

- Served as Member Secretary, Institutional Ethics Committee, IPGME&R, Kolkata.
- Member, Institutional Ethics Committee of National Research Institute of Ayurveda for Drug Development (NRIADD), Kolkata, Nightingale Hospital, Kolkata, Peerless Hospital Kolkata, Eye Care & Research Institute, Kolkata, Health Point Hospital, Kolkata and Chairperson, National Allergy Asthma & Bronchitis Institute (NAABI), Kolkata.
- Deputy Coordinator of ADR Monitoring centre (AMC) of the Government of India Pharmacovigilance Program of India (PvPI) at IPGME&R, Kolkata.
- Member, Library cum Canteen Committee, Pharmacovigilance Committee and Merit cum Means Scholarship Award Committee of IPGME&R, Kolkata.
- Examiner in pharmacology for MBBS examination of medical / dental streams of The West Bengal University of Health Sciences and other universities.
- Faculty for the Medical and Dental Teachers Training Courses organized by the Institute of Health & Family Welfare, Government of West Bengal.
- Deputy Superintendent for DNB Mock and Final Theory Examination at IPGME&R.
- Guest Faculty for MS Pharmaceutical Sciences course of National Institute of Pharmaceutical Education & Research (NIPER), Kolkata, MSc Neuroscience course of University of Calcutta, Diploma in Clinical Research & Regulatory Affairs course of Jadavpur University, Kolkata and Diploma in Clinical Research course of AMRI Hospital, Kolkata.
- Paper-setter for examinations in pharmacology conducted by the West Bengal University of Health Sciences and paramedical courses conducted by West Bengal State Medical Faculty.
- Served as statistical consultant for various departments of IPGME&R, Kolkata. Also associated with a few projects of other institutions as statistical advisor.
- Served as reviewer for BMJ Open, Indian Journal of Medical Research, Indian Journal of Pharmacology (IJP), Indian Journal of Dermatology, Indian Journal of Dermatology Venereology Leprology, Journal of Postgraduate Medicine and Indian Journal of Physical Medicine & Rehabilitation. Member of Editorial Board of IJP.
- MD Pharmacology Thesis Adjudicator for the West Bengal University of Health Sciences, Kolkata and 3 other universities.
- DM Clinical Pharmacology Examiner for WBUHS.
- Nodal Officer, Admissions (NEET and BPT) for IPGME&R, Kolkata.
- Served as member of expert panels appointed by Government of West Bengal for inspections and purchases.
- Jan 18-19: Coordinating Faculty for GCP Workshop at College of Medicine & JNM Hospital, Kalyani on invitation of Prof. Sumon Roy, HOD, Community Medicine and Member Secretary IEC.
- Jan 31: Chaired 'Dr. S. P. Raychaudhuri symposium on clinical immunology' at 84th Reunion of Medical College, Bengal scientific program in Medical College, Kolkata.
- Feb 9-10: Participated in panel discussion on 'Career options for pharmacologists' at 27th Annual State Conference of Indian Pharmacological Society West Bengal branch.

- Feb 13-15: External Examiner for 2nd MBBS Oral & Practical Examination in Pharmacology at Fakhruddin Ali Ahmed Medical College Barpeta, Jotigaon, Assam.
- Feb 17: Talk on 'Medication errors: an overview' in the Symposium on 'Clinical research: present scenario in pharmacovigilance and clinical trials' organized by Department of Pharmaceutical Technology, JU, and AMRI Hospital, Dhakuria, at K. P. Basu Memorial Hall, Jadavpur University.
- Mar 4-9: Invited faculty for International Collaboration for Research Development in Oncology (CRDO) Workshop at Lonavla, Maharashtra, organized by Tata Memorial Hospital, Mumbai.
- Mar 17: Moderator for panel discussion on 'Role of medical pharmacologists in day-to-day patient care' at R. G. Kar Medical College, Kolkata.
- Apr 30-May 1: Invited faculty for Prescribing Competency Training and Assessment Workshop as one day preconference workshop of the 11th Annual South Asian College of American College of Clinical Pharmacology Conference at Seth G. S. Medical College & KEM Hospital, Mumbai. Also attended main conference.
- May 4: Coordinating faculty for 'Sensitization program for interns on communication skills and allied issues' organized by Medical Education Unit of IPGME&R, Kolkata.
- May 12-13: Attended 'Joint Annual Conference 2018' of RSSDI West Bengal Chapter and Endocrine Society of Bengal, at, Kolkata.
- May 16-17: Attended meeting in School of Public Health, PGIMER, Chandigarh regarding Healthcare Services Costing Project of DHR, GoI, on behalf of MRU, IPGME&R, Kolkata. Appointed PI for the project along with Prof. Raghunath Misra of Dept. of Community Medicine, IPGME&R.
- May 18-19: Attended DTAB subcommittee meeting on Irrational FDCs at CDSCO, New Delhi.
- Jun 6: Participated as panelist in a Panel Discussion on 'Organ donation' organized as part of Closing Ceremony of year-long awareness campaign on organ donation organized by South Asian Medical Students' Association at IPGME&R, Kolkata.
- Jun 12-13: Served as external examiner for MD Pharmacology Examination of Utkal University at SCB Medical College, Cuttack.
- Jul 28-29: Organizing Secretary and Coordinating Faculty for 'Research Methodology & Biostatistics Workshop' organized by Medical Education Unit of IPGME&R, Kolkata.
- Sep 6: Attended review meeting of Healthcare Services Costing Project of DHR, GoI, on behalf of MRU, IPGME&R, Kolkata. Meeting was at DHR, GoI.
- Sep 14-15: Coordinating faculty for Research Methodology Workshop at Guru Nanak Institute of Dental Sciences & Research (GNIDSR), Panihati, on invitation of Prof. Jayanta Bhattacharya, Principal.
- Sep 27: Finalized 'Antimicrobial use recommendations for healthcare facilities in West Bengal', on behalf of Institute of Health & Family Welfare, Government of West Bengal.
- Oct 7: Coordinating faculty for GCP Workshop at National Allergy, Asthma and Bronchitis Institute (NAABI) on invitation of Prof. Alok Gopal Ghoshal.
- Dec 7-9: Attended Annual Conference of Indian Society for Rational Pharmacology & Therapeutics (ISRPTCON) at IGIMS, Patna.

In addition to projects of concerned MD pharmacology students, served as Investigator / Co-Investigator / Supervisor of the following projects

SN	Title of the project	Duration	Funding agency
1	Assessment of environmental contaminants in raw herbal materials used in medicinal products in West Bengal. [Ongoing; Principal Investigator]	2015-17 extended to 2019	DST, Govt. of West Bengal.
2	Healthcare Services Costing Project being implemented by Multidisciplinary Research Unit (MRU) of IPGME&R, Kolkata.	2018-19	DHR, Govt. of India

Prof. Avijit Hazra served as PhD Co-guide of the following extramural candidates

1. **Dr. Sampa Dutta Gupta** [Professor of Anesthesiology, West Bengal Medical Education Service]. PhD thesis. The West Bengal University of Health Sciences, Registered 2014. [Co-Supervisor] [Supervisor: Bijay Kumar Majumdar, Head, Dept. of Plastic Surgery, IPGME&R, Kolkata]
2. **Dr. Sukanya Palit** [Professor of Anatomy, West Bengal Medical Education Service]. PhD thesis. The West Bengal University of Health Sciences, Registered 2014. [Co-Supervisor] [Supervisor: Ananda Kisor Pal, Head, Dept. of Orthopedics, IPGME&R, Kolkata]

Dr. Amrita Sil

- Attended 27th Annual Conference of Indian Pharmacological Society, West Bengal & Eastern Regional Colloquium (IPSWBCon2017) held on 9th and 10th February, 2018 at IPGMER, Kolkata.
- Oral presentation on "evaluation of polymorphism of TLR1, TLR2, TLR4, NLRP1, TAP1 and TAP2 as markers of host-susceptibility in leprosy: molecular epidemiological study in high ANCDR district in eastern India" at 27th Annual Conference of Indian Pharmacological Society, West Bengal & Eastern Regional Colloquium (IPSWBCon2017) held on 9th and 10th February, 2018 at IPGMER, Kolkata.
- Guest lecture on "How to carry out literature search?" at CME on "Research and Publish" at GSL Medical College, Rajahmundry, Andhra Pradesh on 11.11.2018
- Guest lecture on "Selecting a journal. Responding to comments, dealing with rejection-what next?" at CME on "Research and Publish" at GSL Medical College, Rajahmundry, Andhra Pradesh on 11.11.2018
- Faculty at National Workshop on Good Clinical Practices 2018 for the session "Principles of GCP (12 principles)" on 21.08.2018 at Burdwan Medical College, Burdwan
- Panellist at the 27th Annual Conference of Indian Pharmacological Society, West Bengal & Eastern Regional Colloquium (IPSWBCon2017) held on 9th and 10th February, 2018 at IPGMER, Kolkata at the panel discussion on "Career prospects in Medical Pharmacology".

Dr. Gairik Sengupta

- Acted as an examiner for 2nd Prof. MBBS examination at Malda Medical College in 2018
- Participated as a delegate in the West Bengal state conference of Indian Pharmacological Society
- Acted as a resource person in a career guidance counseling panel discussion in DD Bangla Television Channel
- Delivered an invited lecture on rational use of antibiotics in a joint programme organized by IPGA and BCDA
- Participated in a GCP workshop at NAABI, Kolkata.

Dr. Avijit Kundu

Projects ongoing

1. Study on adverse effects of SGLT2 inhibitors along with its glycemic benefit. Being undertaken at Diabetes OPD at IPGMER, Kolkata.
2. Oral semaglutide and its cardiovascular safety: PIONEER 6 A phase iii multicentric study. Sponsored by Novonordisk. As Co-Investigator along with Prof. Satinath Mukhopadhyay as Principal Investigator at IPGME&R Endocrinology Department.

Dr. Tridib Kumar Ray

- Served as Centre-in-Charge for various examinations of the West Bengal University of Health Sciences conducted at IPGME&R, Kolkata.

Dr. Saikat Kumar Dalui

- Completed the certificate course of evidence based diabetes management.
- Planed and initiated a KAP survey on materiovigilance.

Publication by faculty, students and research scholars

1. Mukhopadhyay K, Ghosh P, Ghorai P, Hazra A, Das AK. Oxaceprol versus tramadol for knee osteoarthritis: A randomized controlled trial. Indian J Pharmacol 2018; 50: 266-72.
2. De Sarkar S, Sarkar D, Sarkar A, Dighal A, Chakrabarti S, Staniek K, Gille L, Chatterjee M. The leishmanicidal activity of artemisinin is mediated by cleavage of the endoperoxide bridge and mitochondrial dysfunction. Parasitology 2018; doi: 10.1017/S003118201800183X.
3. De Sarkar S, Sarkar D, Sarkar A, Dighal A, Chakrabarti S, Staniek K, Gille L, Chatterjee M. Berberine chloride mediates its antileishmanial activity by inhibiting Leishmania mitochondria. Parasitol Res 2018 doi: 10.1007/s00436-018-6157-3.
4. Mukherjee S, Sengupta R, Mukhopadhyay D, Braun C, Mitra S, Roy S, Das NK, Chatterjee U, von Stebut E, Chatterjee M. Impaired activation of lesional CD8+ T-cells is associated with enhanced expression of Programmed Death-1 in Indian Post Kala-azar Dermal Leishmaniasis. Sci Rep 2018 (in press).
5. Geroldinger G, Tonner M, Fudickar W, De Sarkar S, Dighal A, Monzote L, Staniek K, Linker T, Chatterjee M, Gille L. Activation of anthracene endoperoxides in Leishmania and impairment of mitochondrial functions. Molecules 2018; 23; pii: E1680. doi: 10.3390/molecules23071680.
6. Roy S, Mukhopadhyay D, Mukherjee S, Moulik S, Chatterji S, Brahme N, Pramanik N, Goswami RP, Saha B, Chatterjee M. An IL-10 dominant polarization of monocytes is a feature of Indian Visceral Leishmaniasis. Parasite Immunol 2018;40:e12535.

7. Fletcher HA, Chatterjee M, Cooper A, Hussell T, Kaye PM, Prior J, Reljic R, Vermaak S, Vordermeier M, Williams A, McShane H. VALIDATE: Exploiting the synergy between complex intracellular pathogens to expedite vaccine research and development for tuberculosis, leishmaniasis, melioidosis and leprosy. *F 1000 Research* 2018; 7:485.
8. Monzote L, Geroldinger G, Tonner M, Scull R, De Sarkar S, Bergmann S, Staniek K, Chatterjee M, Gille L. Interaction of ascaridole, carvacrol, and caryophyllene oxide from essential oil of *Chenopodium ambrosioides* L. with mitochondria in *Leishmania* and other eukaryotes. *Phytother Res* 2018; 32: 1729-1740.
9. De S, Kundu S, Chatterjee U, Chattopadhyay S, Chatterjee M. Allylpyrocatechol attenuates methotrexate induced hepatotoxicity in a collagen induced model of arthritis. *Free Radic Res.* 2018;52: 698-711.
10. Moulik S, Sengupta R, Dighal A, Sardar B, Saha B, Das NK, Chatterjee M. Identification of atypical dermal Leishmaniasis resolved by restriction fragment length polymorphism. *Indian J Dermatol, Venereol Leprol* 2018 doi: 10.4103/ijdv.IJDVL_14_18.
11. Maji UK, Jana P, Chatterjee M, Karmakar S, Saha A, Ghosh TK. Role of Acetyl Salicylic Acid in controlling the DOCA-Salt induced hypertension in rats by stimulating the synthesis of r-Cortexin in the kidney. *High Blood Press Cardiovasc Prev.* 2018; 25:79-88.
12. Datta S, Dasgupta D, Ghosh A, Ghosh S, Manna A, Datta S, Chatterjee M, Chowdhury A, Banerjee S. Oncogenic potential of Hepatitis B virus subgenotype D1 surpasses D3: significance in the development of hepatocellular carcinoma. *Carcinogenesis.* 2018; 39: 283-292.
13. Moulik S, Chaudhuri SJ, Sardar B, Ghosh M, Saha B, Das NK, Chatterjee M. Monitoring of parasite kinetics in Indian Post Kala Azar Dermal Leishmaniasis. *Clin Inf Dis* 2018; 66:404-410.
14. De Sarkar S, Chatterjee M. Exploring endoperoxides as leishmanicidal compounds. In *Oxidative Stress in Microbial Diseases* Ed. Chakrabarti S. Springer. 2018
15. Chatterjee M, Moulik S, Dey D, Mukhopadhyay D, Mukherjee S, Roy S. Molecular regulation of macrophage class switching in Indian Post Kala-azar dermal Leishmaniasis (PKDL). In *Molecular Biology of Kinetoplastid parasites*. HK Majumder ed. Caister Academic Press. 2018, Chapter 5, pp 81-96Lahiry S, Sinha R, Chowdhury S, Mukherjee A, Chatterjee S. Paradigm shift in clinical trial regulations in India. *Indian J Rheumatol* 2018;13:51-5
16. Chatterjee S, Hazra A. Overview of pharmacological research activities in north eastern states of India in last 5 years. *Proc Indian Natn Sci Acad* 2018; 84: 301-8.
17. Chatterjee S, Lahiry S, Sinha R, Chowdhury S. National Guidelines for Stem Cell Research (2017): What academicians need to know? *Perspect Clin Res* (manuscript number: 23_18 In press)
18. Lahiry S, Sinha R, Chowdhury S, Hazra A. Chatterjee S. Impact of social media on academic performance and interpersonal relation: A cross-sectional study among students at a tertiary medical centre in eastern India. *J Educ Health Promot* (manuscript accepted - in press)
19. Das S, Ghosh K, Hazra A, Sen C, Goswami A. Is elevated blood glucose a marker of occult tissue hypoperfusion in off-pump coronary artery bypass grafting? *Ann Card Anaesth* 2018; 21: 393-401.
20. Samanta M, Mitra S, Samui PP, Mondal RK, Hazra A, Sabui TK. Evaluation of joint cartilage thickness in healthy children by ultrasound: An experience from a developing nation. *Int J Rheum Dis.* 2018 Aug 30. doi: 10.1111/1756-185X.13374. [Epub ahead of print]
21. Das NK, Nandy S, Mondal R, Ray S, Hazra A. Gestational age assessment with anthropometric parameters in newborns. *Oman Med J* 2018; 33: 229-234.
22. Basu S, Saha A, Sarkar S, Sinha MK, Das MK, Datta R, Hazra A, Kanjilal SD, Datta S. Clinical profile and therapeutic response of scrub typhus in children: a recent trend from eastern India. *J Trop Pediatr* 2018 May 23. doi: 10.1093/tropej/fmy027. [Epub ahead of print]
23. Adhikari UR, Taraphder A, Hazra A, Das T. Compliance of kidney transplant recipients to the recommended lifestyle measures following transplantation. *Indian J Transplant* 2018; 12: 17-24.
24. Goswami TK, Ghoshal PK, Hazra A, Biswas A. Efficacy and safety of a centrally acting analgesic flupirtine in primary knee osteoarthritis in comparison to tramadol: a randomized controlled trial. *Inj J Basic Clin Pharmacol* 2018; 7: 381-5.
25. Sil A, Kumar H, Mondal RD, Anand SS, Ghosal A, Datta A, Sawant SV, Kapatkar V, Kadhe G, Rao S. A randomized, open labeled study comparing the serum levels of cobalamin after three doses of 500 mcg vs. a single dose methylcobalamin of 1500 mcg in patients with peripheral neuropathy. *Korean J Pain* 2018; 31: 183-90.
26. Majumdar B, De A, Ghosh S, Sil A, Sarda A, Lahiri K, Chatterjee G, Das S. "Turban PUVAsol:" A Simple, Novel, Effective, and Safe Treatment Option for Advanced and Refractory Cases of Alopecia Areata. *Int J Trichology* 2018; 10: 124-8.
27. Reja AHH, De A, Patra PK, Biswas S, Duttagupta U, Sil A, Biswas N, Bannerjee S, Sarda A, Bhattacharya B. Genomic Reduction at TTC Repeats in the Bacterial Genome of Treated Cases of Hansen's Disease: A Possible Survival Mechanism of *Mycobacterium leprae*. *Indian J Dermatol* 2018; 63: 449-54.
28. Diagnosing leprosy: revisiting the role of the slit-skin smear with critical analysis of the applicability of polymerase chain reaction in diagnosis. *Int J Dermatol* 2018; 50: 1522-7.

Regular academic activities

The MBBS program of the department comprising theory, practical and tutorial sessions has been 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 handed over approximately 30 m² space on the 5th Floor of the UCM Building to Microbiology for expansion of the Microbiology student laboratory. The Museum and Pharmacy Laboratory were utilized for teaching MBBS students. The Experimental Pharmacology laboratory was utilized by PG students and research scholars.

An Institutional Ethics Committee room, also on the 5th floor of UCM Building, was placed under the supervision of Prof. Avijit Hazra as Member Secretary of IEC.

Research projects and grants

The department achieved the rare distinction of being awarded the third consecutive grant under the infrastructure development scheme (FIST) of the Department of Science and Technology, Government of India. The sanctioned amount is Rs. 1,45,00,000/- (1 crore 45 lakhs) to be utilized during the period 2017-21. Additional equipment are to be procured.

Other research projects, as mentioned earlier, are ongoing in the department, with postgraduate students or research scholars as the major workers and the faculty in supervisory position.

6. 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 June, 2018 and Sep, 2018, leading to award of MD degree.

Dr. Shouvik Choudhury	A prospective observational study of prescribing pattern of cardiovascular drugs in post-renal transplant patients of a tertiary care hospital.
Dr. Moumita Bala	Efficacy and safety of methotrexate alone and as add on to topical calcipotriol in plaque psoriasis.
Dr. Sandeep Lahiry	Impact of anticholinergics on insulin response to oral glucose load in patients with impaired glucose tolerance.
Dr. Prajesh Kiran Bhunya	Randomized controlled trial of topical sertaconazole and eberconazole in comparison to topical miconazole in localized dermatophyte infection.
Dr. Ayan Mukherjee	Evaluation of treatment seeking behavior in patients with post-kala-azar dermal leishmaniasis (PKDL).
Dr. Koustuv Chowdhury	Drug use survey to identify potential drug-drug interactions and assess their clinical significance in out-patient setting of a tertiary care hospital

Dr. Poulomi Roy Chowdhury, Dr. Priyanka Guha Thakurta, Dr. Abhijnan Ghosh, Dr. Rohit Kumar Nath, Dr. Dolon Chakraborty and Dr. Kalyan Samanta joined the department as new MD PGTs.

Dr. Tapas Kumar Sur, PhD continued working in the department, as an honorary post-doctoral fellow, on the project 'Assessment of environmental contaminants in raw herbal materials used in medicinal products in West Bengal'.

Mr. Sampath Kumar as Coordinator – Pharmacovigilance Programme, continued to do exemplary work in keeping up a regular flow of adverse drug reaction reports from IPGME&R and SSKM Hospital, Kolkata, to the National Coordinating Centre for National Pharmacovigilance Programme, India at Indian Pharmacopoeia Commission, Ghaziabad. Reports are now being submitted and revised online.

Other research scholars are pursuing projects as stated below:

SN	Name	Fellowship and Guide	Title of research
1	Ms Sritama De Sarkar	JRF, ICMR Prof. Mitali Chatterjee	Modulation of the cellular redox status as a chemotherapeutic strategy.
2	Ms Sneha Mitra	INSPIRE (DST, GoI) Prof. Suparna Chatterjee & Prof. Mitali Chatterjee	Evaluation of redox status and immune regulation markers in vitiligo.
3	Ms Srista Moulik	Project Assistant, ICMR Prof. Mitali Chatterjee	Identification of lesional biomarkers in Indian Leishmaniasis.
4	Mr Ayan Pradhan	Project Assistant, WB DST Prof. Mitali Chatterjee	Evaluation of markers of oxidative damage in Rheumatoid Arthritis.
5	Ms Aishwarya Dighal	UGC-SRF Prof. Mitali Chatterjee	Evaluation of iron homeostasis in Indian leishmaniasis.
6	Ms Ritika Sengupta	ICMR-SRF Prof. Mitali Chatterjee	Evaluation of immunological responses in polymorphic vs. macular Indian Post Kala-azar Dermal Leishmaniasis (PKDL).
7	Ms. Deblina Sarkar	JRF, WB DST Prof. Mitali Chatterjee	Biomarkers for monitoring the treatment for post-kala-azar dermal leishmaniasis.
8	Ms. Shilpa Sengupta	CSIR JRF Prof. Mitali Chatterjee	Study of the impact of methotrexate and DMARDs therapy on lymphocyte distribution and function in patients with rheumatoid arthritis.
9	Mr. Aniruddha Bagchi	JRF, DHR (GoI) Prof. Mitali Chatterjee	A transcriptomic approach to identify clinic-immunological determinants of post kala-azar dermal leishmaniasis.
10	Mr. Raja Chakraborty	JRF, ICMR Prof. Suparna Chatterjee	Antibiotic stewardship and research in the field of antimicrobial usage.
11	Dr. Tapas Kumar Sur	Postdoctoral Research Scholar DST, Govt. of West Bengal Prof. Avijit Hazra	Assessment of environmental contaminants in raw herbal materials used in medicinal products in West Bengal.

Other information – Programs / Conferences / Workshops

Faculty, students and research scholars participated and, where applicable, presented oral papers / posters at various conferences / symposia as follows:

- Mar 26, 2018: Sensitization program for nurses on 'Pharmacovigilance at IPGME&R.
- May 4, 2018: Sensitization program for Interns on 'Communication Skill & Allied Issues' conducted by the department on behalf of Medical Education Unit (MEU), IPGME&R.
- Jul 28-29, 2018: Research methodology and biostatistics workshop conducted by the department on behalf of Medical Education Unit (MEU), IPGME&R.
- Dec 7-9, 2018: Annual Conference of Indian Society for Rational Pharmacology & Therapeutics (ISRPTCON) at IGIMS, Patna.

In addition, faculty members and students participated in several CMEs organized by Indian Pharmacological Society (IPS) West Bengal state branch at various Kolkata-based medical colleges from time to time.

Physical Medicine & Rehabilitation

The School of Physical Medicine was established in the year 1958. Since then it has been functioning as full-fledged department imparting training and treatment. In the year 1979, postgraduate course in PMR (MD) was started in the department for the first time in India. This department thus has the distinction of being the pioneering institute in the country to run this course since that time. Now, 6 seats are available for post graduate training, MD PM&R. In addition, the Bachelor of Physiotherapy (BPT) course is also being offered to 20 students per year.

Staff

A) Faculty

Dr. Rathindranath Halder MD (Cal), WHO Fellow	Professor & HOD
Dr. Rajesh Pramanik; MD (Cal), MRCP (UK)	Professor
Dr. Firdaus Kamal MD (Cal)	Associate Professor
Dr. Aniketa Banerjee MD (Cal)	Assistant Professor
Dr. Saumen Kumar De DNB (NBE)	Assistant Professor
Dr. Debayan Ghorai MD (PMR)	Assistant Professor
Dr. Vasundhara Ghosal DNB (NBE)	Assistant Professor
Dr. A. S. Halder, MD (Cal)	RMO cum Clinical Tutor
Dr. Jaya Tirkey MBBS (Cal)	RMO cum Clinical Tutor

B) Postgraduate (MD) trainees

The MD intake has increased from 3 to 6 per year from 2017

2016-19	2017-20	2018-21
Dr. Arindam Ghosh Dr. Subhadeep Batabyal Dr. Nikhil Manilal	Dr. Toshimenla Pongener Dr. Arnab Roy Dr. Subhendu Pramanik Dr. Dibyendu Dutta Dr. Pranesh Mondal Dr. Nabarun Gupta	Dr. Arka Dey Dr. Anindya Basu Dr. Ayan Ghosal Dr. Sariful Islam Dr. Panchatapa Bhattacharya Dr. Sudipto Halder

PGTs who completed 3-year MD training in 2017 were Dr. Ambar Konar, Dr. Keshab Mondal and Dr. Ishita Dey.

C) Physiotherapy unit

Mr. Manas Dan (MPT) – Lecturer and In-charge (Physiotherapy unit)

Physiotherapists

Mr. Bipul Kumar Saha	Mr. Sankhabrata Bhuiya	Mr Kaushik Mal,
Smt. Farjana Alam	Smt. Suparna Chakraborty	Smt. Kanchan Banerjee
Mr. Soumyabrata Ghosal	Mr. Debabrata Roy	

D) Occupational therapy unit

Mr. Akash Das (BOT) Smt. Rani Kumari (BOT)

E) Porthetists & Orthotists Section :

Smt. Devasmita Pal Smt. Swarnali Behra

F) Other Staff

Mr. Prem Chand Das (UDC) Mr. Dilip Adhikary (GDA) Mr. Sushil Rajbanshi (GDA) Mr. Sundar Lal (GDA)

FACULTY NEWS

Prof. R. N. Halder

- National President of IAPMR
- Secretary IAPMR East zone
- Treasurer IRA WB and East zone

- Governing body member State Medical Faculty
- Governing body member of WBAMPM COUNCIL
- Secretary BOS, WBUHS (PM&R)
- Chairman East zone handicapped board for MCI
- Faculty at IAPMRCON-2018, New Delhi
- Faculty IAPMRWB ASC, Faculty IRAWB ASC
- Faculty OACON 2018, Pune
- Faculty National Midterm CME of IAPMR, CMC Vellore
- Faculty IRA (EZCON-2018), Siliguri
- Faculty IRACON-2018, Guwahati
- Examiner MD PM&R
- MCI and UGC Inspector
- Publication- 2 in national Indexed Journal
- Reviewer of peer review journals, Thesis Adjudicator, PhD Guide, Expert for faculty selection
- Member of various Committees

Dr. Rajesh Pramanik

- Editor: Indian Journal of Physical Medicine & Rehabilitation (IJPMPR) - Indexed Journal
- Chairman academic of IAPMR WB chapter
- Member of State level to assist Disability Commissioner of State
- Leading Faculty of Neuro- Rehabilitation Clinic
- Active member of initiation and implementation of Sports Medicine in future
- Faculty at IAPMRCON-18, New Delhi
- Faculty National Midterm CME of IAPMR, CMC Vellore
- Publication- 2 in national Indexed Journal
- Reviewer of peer review journals.

Dr. Firdaus Kamal

- Attended State conference of IRA (WB Branch) in the year 2018.
- Attended State conference of IAPMR (WB Branch) in the year 2018.

Dr. Aniketa Banerjee

- Attended State conference of IRA (WB Branch) in the year 2018.
- Attended State conference of IAPMR (WB Branch) in the year 2018.

Dr. Saumen Kumar De

- Faculty IRACON-18, Guwahati
- Attended All India conference IAPMRCON-18, New Delhi
- Attended State conference of IAPMR(WB Branch) in the year 2018.
- Attended State Conference of IRA (WB Branch) in the year 2018
- Attended Statistics workshop In 2018
- Participated in USG guided Pain workshop in Dec 2018
- Examiner: DPT and BPT.

Dr. Debayan Ghorai

- Attended State conference of IRA (WB Branch) in the year 2018.
- Attended State conference of IAPMR (WB Branch) in the year 2018.

Dr. Vasundhara Ghosal

- Completed Basic Teacher'S Training Course in MET and One Day workshop on AT-COM module at KGMU, Lucknow in Sept 2018
- Faculty IRACON-18, Guwahati
- Attended All India conference IAPMRCON-18, New Delhi
- Attended State conference of IAPMR(WB Branch) in the year 2018.
- Attended State Conference of IRA (WB Branch) in the year 2018
- Attended Statistics workshop in 2018

Dr. Md. A. S. Halder

- Attended State conference of IAPMR (WB Branch) in the year 2018.

- Attended State Conference of IRA (WB Branch) in the year 2018
- Participated in USG guided Pain workshop in Dec 2018.

REGULAR DEPARTMENTAL ACTIVITIES

i) Indoor service

We have thirty PMR indoor beds. So far bed occupancy and turnover rate are very encouraging.

Comprehensive steps for sub-acute rehabilitation care of neurological disability due to stroke, traumatic brain injury, spinal cord injury, GB syndrome, peripheral neuropathy, Myasthenia Gravis and Musculoskeletal disability due to traumatic and inflammatory disorder, amputation by our rehabilitation team

Complete management of LBP including USG and fluoroscopy guided blocks, daily physiatric assessment, expertise focused therapy, proper orthotic and prosthetic fitting and physiatric intervention including regional block, specific pain intervention, phenol block are offered to our differently abled patients. Platelet rich plasma injections for joints and tendinopathy. Botox and baclofen pump for spasticity management are other important features for better patient care. So far bed occupancy and turnover rate are very encouraging.

ii) Other clinical and academic schedule:

Clinical and academic schedule

Days	Forenoon	Afternoon
Monday	OPD	Injection, USG guided injection
Tuesday	OPD	Case presentation, USG guided injection, PRP Injections
Wednesday	OPD	Foot Clinic, Journal club
Thursday	Neuro-rehab clinic	TCC, Injection, C-arm guided injection
Friday	OPD	Muscle testing, NCV, C-arm guided injections
Saturday	Seminars / Classes	Injection

Thesis work

SN	Title of Thesis	PGT and Session	Guide	Co-Guide
1.	A comparative study of efficacy between ultrasound therapy and fluoroscopy guided intra-articular steroid injection in L3-L4 and L4-L5 facet arthropathy.	Subhadeep Batabyal 2016-2019	Dr. R N Haldar	Dr. Tanvir Ahmed
2.	A comparative study of efficacy between transforaminal epidural injection and selective nerve root block in disc prolapse Of L4-L5 and L5-S1.	Arindam Ghosh 2016-2019	Dr. Rajesh Pramanik	Dr. Firdaus Kamal
3.	A comparative study on efficacy between ultrasound guided cervical medial nerve branch block and conservative management in cervical facet arthropathy.	Nikhil Manilal 2016-2019	Dr. R N Haldar	Dr. Aniketa Banerjee
4.	Comparative Study between Ultrasonography guided and blind Genicular Nerve Block in cases of resistant knee pain due to osteoarthritis	Nabarun Gupta 2017 - 2020	Prof R N Haldar	Dr. V. Ghosal
5.	Role of Surge Faradic Stimulation in Rehabilitation of patients with End Stage Renal Disease on maintenance haemodialysis	Subhendu Pramanik 2017 - 2020	Prof R N Haldar	Dr Arpita Roychowdhury Dr. Tanvir Ahmed
6.	Efficacy of Autologous Platelet Rich Plasma in management of Pressure Ulcer in patients with Spinal Cord Injury	Toshimenla Pongener 2017 - 2020	Prof R N Haldar	Dr. Saumen De Dr. Tanvir Ahmed
7	Comparative efficacy between Fluoroscopy guided Ganglion Impar Block and Local infiltration with Methylprednisolone in treatment of Coccydynia	Dibyendu Dutta 2017 - 2020	Dr P Das	Dr. Rajesh Pramanik Dr D Ghorai

8	Efficacy of Ultrasound guided fenestration of Flexor Retinaculum in patients with Carpal Tunnel Syndrome	Arnab Roy 2017 – 2020	Dr R. Pramanik	Dr Aniketa Banerjee
9	Effectiveness of Transforaminal Epidural Steroid injection in Lumbar Spinal Canal Stenosis due to Prolapsed Intervertebral Disc with Neurogenic Claudication	Pranesh Mondal 2017 - 2020	Dr Firdaus Kamal	Dr Jaya Middya Dr Aniketa Banerjee

SERVICE INFORMATION

OPD

Location: Ground floor of Dept of PMR (New Building)

Total attendance 99571 Maximum attendance /day 642

Indoor patient

Total admitted: 457

Referral indoor patient management: 2508

Procedures / investigations performed

- Local infiltration: Thursday & Saturday (avg 35/day)
- Muscle nerve testing / SD curve – every Saturday (avg 4/wk)
- Total Contact Casting: (Avg 4/week)
- NCV & EMG: Average 4/month (also for academic & research activities)

e) USG guided Procedure : Tuesday and Wednesday

Cervical facet	18	Stellate Ganglion	15
Carpal Tunnel	145	Fenestration	172
Intra Articular Shoulder	650	Suprascapular	182
Tennis Elbow	320	DQ	270
Genicular	332	Post interosseous	24
Bakers Cyst Aspiration	72	Intra Articular Knee	234
Plantar fasciitis	388	Tarsal tunnel	54

f) Fluoroscopic guided Procedure-

Stellate ganglion	32	Intercostal nerve block	12
Lumbar sympathetic block	25	Transforaminal epidural	445
Selective nerve root block	145	Lumbar medial branch block	121
Caudal injection	85	Facet joint	166
Ganglion Impar	42	Sacroiliac joint	12
Hip joint Inj	55		

g) Platelet Rich Plasma infiltration – (Avg 15/wk)

Cooled RF ablation -6

Special clinic

Neuro Rehabilitation clinic- every Thursday (1pm- 3pm). Total attendance in last year - 30

Physiotherapy section

- Exercise Therapy / Demonstration 44343
- Electrotherapy 17516
- Occupational therapy: 1746
- PO Consultation: 537

Physiology

Faculty

1. Dr. Sangita Sen, MD, PhD	Professor & Head
2. Dr. Subhankar Kumar, MD, DNB	Associate Professor
3. Dr. Deepankshu Sekhar Mandal, MD	Associate Professor
4. Dr. Anish Bhowmik, MD	Associate Professor
5. Dr. Debdeep Dasgupta, MD	Assistant Professor
6. Dr. Sucheta Biswas, MD	Assistant Professor
7. Dr. Subrata Nag, MD	Demonstrator
8. Dr. Baidyanath Ghosh Dastidar, MD	Demonstrator

Senior Resident

1. Dr. Madhumanti Thakur, MD	Joined on 05/08/2018
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Postgraduate Trainees

1. Dr. Biswajit Das	PGT 2016-2019
2. Dr. Souvik Banerjee	PGT 2016-2019
3. Dr. Arijit Sain	PGT 2016-2019
4. Dr. Subhabrata Ghosh	PGT 2016-2019
5. Dr. Debarghya Mukherjee	PGT 2017-2020
6. Dr. Sovan Mitra	PGT 2018-2021
7. Dr. Prasenjit Mandal	PGT 2018-2021

Medical Technologists (Laboratory)

1. Mrs. Shefali Sen
2. Mrs. Sovabati Paul (Karmakar)

Non-teaching staff

1. Mr. Girish Lal
2. Mr. Latif Molla
3. Mr. Jugweshwar Prasad

Physiology courses conducted by the department for:

- MBBS (150 seats)
- MD Physiology (5 seats)
- BSc Nursing
- BPT
- DPFT, DCLT, DOTT & ECG technician courses
- Regular lecture and practical classes for these courses.
- Seminar, Journal Club & Microteaching for PG course.
- Regular assessments and periodic evaluation (including Semester) for UG course.
- Periodic evaluation of PG course.
- Semester Evaluation of Paramedical courses.

Laboratory facilities

1. Neurophysiology lab for NCV studies.
2. Biochemistry lab for routine biochemical parameters like urea, creatinine, glucose, lipid profile by spectrophotometer.
3. Hematology lab for routine hematology investigation like Hb%, TC, DLC, PCV, ESR, Platelet count, reticulocyte count & bone marrow study.
4. Yoga Lab for studying effect of Yoga on different System
5. Cardio-respiratory lab, including Autonomic Function tests.

FACULTY NEWS

Prof. (Dr.) Sangita Sen

Guiding thesis work of:

- Dr. Debarghya Mukherjee : Topic- Thyroid function test in preterm infants.
- Dr. Sovan Mitra – Topic- Effect of Pranayama on Pulmonary Functions in patients with chronic moderate COPD.

Recent publications:

- Biakhlupuii C, Sen S. Reference memory error of rats in radial maze of different sizes with suppression of foraging exploration by increased travel distance within larger maze. *IJ Sci Res* 2018; 8 (3):131-136.
- Mondal A, Sen S, Chanda D, Kundu S, Chatterjee M & Mukherjee S et al. Evaluation of diabetic polyneuropathy in type 2 diabetes mellitus by nerve conduction and association of severity of neuropathy with serum sFasL level. *Indian J Endocr & Meta*; 2012,16(2):S 464-467.

Dr. Subhankar Kumar:

Guiding thesis work of:

- Dr. Arijit Sain: Topic - Estimation of body mass index by measuring 24 hrs urinary creatinine.

Working at Rodent Memory Laboratory in the Dept. of Physiology with radial mazes (8-arm & 24-arm), Multi unit 'T' maze & Morris Water Maze to study spatial learning & memory in rat model of relevant diseases. A new work on the effect of antihistaminic drugs on performance in Morris water maze has been completed.

Currently in progress are research works on effect of enriched environment on non-spatial and spatial cognitive performance and on the effect of one maze training upon learning curve in another maze.

Dr. Deepankshu Sekhar Mandal:

Guiding thesis work of:

- Dr. Subhabrata Ghosh: Topic - Study of pulmonary function tests in alcoholic and cirrhotic patients.
- Dr. Prasenjit Mandal: Topic- Effect of tempo of Music on cardio-respiratory parameters.

Recent publications:

- Mandal DS, Dey Sarkar S. First report of drain fly, *Telmatoscopus Albipunctata*(vaillant, 1972)(Diptera: Psycodidae): causative agent of a rare urinary myiasis from India. *Journal of Medical Science & Clinical Research*: 6(8); Aug 2018
- Mandal DS, Tantri P, Samajdar K, Dey Sarkar S. Pulmonary function & Anthropometric indices analysis in long distance runners of North Bengal. *Journal of Medical Science & Clinical Research*: Cross Ref; DOI: <https://dx.doi.org/10.18535/jmscr/v6i12.100>: 6(12); Dec 2018.

Dr. Anish Bhowmik

Recent publications:

- Bhowmik A, Tapadar A. Derangements of thyroid function in diabetic patients – A cross sectional study. *Journal of Evidence Based Medicine and Healthcare*; 5 (19); May,2018
- Bhattacharya J, Biswas G, Bhowmik A, et al. Thermometric profile of term early neonate in a tertiary care institution in West Bengal, India. *Biomedicine*: 2014; 34(2)
- Bhattacharya J, Bhowmik A, et al. Prevalence and type of hypertension among the single issues of primary hypertensive parents: A cross sectional study in a semi-urban area of West Bengal, India. *Biomedicine* :2013; 33(3): 363 – 368
- Sonographical assessment of portal vein diameter in northern part of West Bengal, India. *Octa Journal of Environmental Research*: July-Sept 2013; 1(3): 231 – 234.

Dr. Sucheta Biswas

Recent publications:

- Das S, Char D, Sarkar S, Saha T, Biswas S. Evaluation of thyroid hormone changes in non-pregnant, normotensive pregnant & pregnancy with pre-eclampsia. *Journal of Dental & Medical Sciences*: 11(6); Nov-Dec, 2013: 16-18

- Das S, Char D, Sarkar S, Saha T, Biswas S. Evaluation of Liver Function Test in normal pregnancy & pre-eclampsia: A case control. Journal of Dental & Medical Sciences: 12(1); Nov-Dec, 2013: 30-32.

Dr. Baidyanath Ghosh Dastidar

Recent publications:

- Ghosh Dastidar B, Zaman A. Psychosocial impact on Infertility. Indian Journal of Social Psychiatry 2016.
- Zaman A, Ghosh Dastidar B. Restless Leg Syndrome (RLS) in a case of Hookworm infestation. SASP Journal.com 2017.

Others:

- Completed MD in Neuro-Psychiatry from R.G. Kar MC 2018
- Presented oral papers in XXII World Congress of the World Association for Social Psychiatry, 10th SAAR international Congress, ESHRE Congress 2009, Amsterdam.

Thesis Submitted in 2018

Dr. Subhabrata Ghosh	A Study of Pulmonary Function Test in Alcoholic and non-cirrhotic patients. (under Dr. D. S. Mandal)
Dr. Arijit Sain	Muscle mass Estimation by 24 hours Urinary Serum Creatinine in patients undergoing oncological treatment. (under Dr. S. Kumar)
Dr. Biswajit Das	Spirometric evaluation of pulmonary function in Rheumatoid Arthritis patients and its relation with disease duration and disease activity. (under Dr. Md. Mehboob Alam)
Dr. Souvik Banerjee	Study of serum copper concentration among non-pregnant women of reproductive age group suffering from iron deficiency anaemia in a tertiary care hospital in Kolkata. (under Dr. A. Mazumdar)

Thesis work ongoing

Dr. Debarghya Mukherjee	Thyroid function test in preterm infants.
Dr. Sovan Mitra	Effect of Pranayama on Pulmonary Functions in patients with chronic moderate COPD.
Dr. Prasenjit Mandal	Effect of tempo of music on cardio-respiratory parameters.

Plastic Surgery

Staff

Faculty

Dr. Goutam Guha	MCh	Professor & Head (Joined on 11.09.2018)
Dr. Arindam Sarkar	MCh	Associate Professor
Dr. Sandip Kanti Basu	MCh	Assistant Professor (D)
Dr. Souvik Adhikary	MCh	Assistant Professor
Dr. Md. Ghulam J. Naiyer	MCh	Assistant Professor
Dr. Mashihan Murmu	MD (G&O)	RMO cum Clinical Tutor
Dr. Kalyan Das	MCh	RMO cum Clinical Tutor
Dr. Monoranjan Sow	MCh	RMO cum Clinical Tutor

Senior Resident

Dr. Sarabarni Biswas	MCh	Senior Resident
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Medical Officer

Dr. G. Das	MBBS	Medical Officer
Dr. R. N. Haldar	MBBS	Medical Officer
Dr. Jayanta Kumar Saha	MS, MCh	Medical Officer

Postdoctoral trainees (MCh Students)

Session 2016-19	Session 2017-20	Session 2018-21
Dr. Manas Sasmal Dr. Swaraj Hanspal Dr. G. Aurobindo Mohapatra Dr. Firoz Borle Dr. Bharti Maravi Dr. Shubhra Datta	Dr. Meheraj Sk. Dr. Ajay Kumar Pathak Dr. Jayabrata Maitra Dr. Sourav Sethia Dr. Debraj Saha Dr. Sweta	Dr. Pritam Das Dr. Priyanka Chibule Dr. Anand Dugad Dr. Saibam Jaya Lima Dr. Priti Upadhyay

Passed MCh (Plastic Surgery) from WBUHS in 2018

- Dr. Kavish Maheswari
- Dr. Soumya Kanti Bag
- Dr. Anirban Ghosh
- Dr. Sudhakar Jena
- Dr. Cinjini Das
- Dr. Choden Norbu

FACULTY NEWS

Prof. Goutam Guha

Conferences

- Chaired free paper session APSWB (Annual Conference Of Association Of Plastic Surgery West Bengal Chapter) in February 2018
- Attended Indo-Cleft Con (Annual meeting of Indian Society of Cleft Lip, Palate & Craniofacial anomalies) in February 2018
- Attended Rhinoplasty workshop at Akash Hospital, Indore – April 2018.
- Attended Mid-Term CME of APSWB on Cleft Lip & Palate – September 2018
- Attended world tour of International Federation of Head & Neck Oncologic Society (IFHNO) at Kolkata – October 2018

- Workshops: Live operative workshop on brachial plexus surgery 1-2 September 2017 at R G Kar Medical College Kolkata

Publications

- "Evaluation of facial artery perforator based flaps in reconstruction of facial defects" – Indian Journal Plastic Surgery , Sept. 2017.
- Assessing The Need For Doing a Level V Cervical Lymph Node Dissection For All Clinically Positive Cervical Lymph Nodes In Squamous Cell Cancers Of The Oral Cavity And Predicting Factors Indicating Metastatic Involvement Of Level V Lymph Nodes – Papirex , Indian. Journal of Research, Vol-7 (5), 2018.
- Identification Of The Marginal Mandibular Branch Of Facial Nerve During Operation - Papieex , Indian. Journal of Research, Papirex ,Vol-7 (5), 2018.
- Gigantomastia due to retromammary lipoma: An aesthetic management.- The Brest Disease 37(1) 2017.

Dr. Arindam Sarkar

Conferences

- Chaired a session APSWB (Annual Conference Of Association Of Plastic Surgery West Bengal Chapter) in February 2018
- Participated in ROTTO Workshop on "Skin Banking and Newer avenues of Transplantation in Plastic Surgery- Hand transplant" in IPGMER –(Plastic Surgery Division) in February 2018
- Organized Mid-Term CME of APSWB on Cleft Lip & Palate – September 2018.

Dr. Sandip Basu

Conferences

- Delivered invited speech on augmentation mammoplasty in Brascon, Lucknow, February, 2018
- Chaired session in APSWB(Annual Conference Of Association Of Plastic Surgery West Bengal Chapter), Kolkata ,2018
- Delivered Invited speech on 3-D printing technology in Medical Science in International Symposium on 3 D Printing Technology (IS3DPT-2018), Kolkata, April, 2018
- Presented a paper on " A modified technique of anchorage in Trapezius Transfer surgery in national conference of plastic surgery, APSICON,(Annual Conference Of Association Of Plastic Surgery) in November, 2018.

Publications

- A Study On Fascial Flap As A Viable Alternative To Conventional Flaps In Difficult Wounds: Indian Journal Of Applied Research, May ,2018
- A Study On Feasibility And Outcome Of Use Of Costal Cartilage Framework In Reconstruction Of Severely Damaged Post Burn Ear Deformity, International Journal Of Scientific Research: May 2018.

Dr. Kalyan Das

Conferences

- Annual academic activities of Dr Kalyan Das MBBS, MS, DNB, MRCS, MCh. Clinical tutor plastic surgery, IPGME&R and SSKM
- Workshops: Live operative workshop on brachial plexus surgery 1-2 September 2017 at R G Kar Medical College Kolkata
- Invited speaker on 3D printing technology: Role in medical science; International Symposium on 3D printing Technology, 21st April , Department of Mechanical Engineering, Institute of Engineering & Management, sector V salt lake Kolkata.
- Panelist in discussion on organ transplantation: skin and tissue donation at SAMSA students' meet at IPGMER, Kolkata, 2018
- Panelist in head and neck cancer symposium organised by Dept of radiotherapy, SSKM July 2018, head and neck oncology day
- Organized workshop on skin and organ donation at the ROTTO meet at IPGMER , SSKM

- 9-10 February, 2018 (national meet). Speakers: Hand Transplantation in India by Dr S Iyer, HOD Plastic surgery, Amrita institute kochi; Skin Donation- Dr Madhuri Gore, retd HOD Sion hospital Mumbai
- Organized (organizing secretary) Mid Term CME on Cleft lip and palate with national invited speakers for Association of plastic surgeons of West Bengal, 8th September 2018 at the Dept of Plastic Surgery, SSKM and IPGMER
- Attended Annual meet of Asian Society of Mastology Society, AIIMS, Safdarjung hospital, 7-9th October 2017 as delegate
- Attended 17 th Annual meeting of Indian Society of Cleft Lip, Palate and craniofacial anomalies 23-25th March, 2018 as delegate
- Attended Annual conference of Association of Plastic surgeons of India, Lucknow, India, Nov 21-25, 2018 as delegate
- Attended World Tour Conference, Kolkata, International Federation of Head and Neck oncologic surgeons, 26-28 Oct 2018 as registered delegate
- Controversies and consensus in Burns: burn contracture management. WBASI CME. FEB 2018
- Paediatric micro vascular reconstruction: free academic paper presentation in annual conference of association of plastic surgeons of west Bengal, Apollo hospitals, Kolkata
- ROTTO coordinators meet: talk on "Steps to set up and operate SKIN BANK, IPGMER AND SSKM".

Research Project

- Principal Investigator: Use of Autologous Platelet rich plasma gel in plastic surgery for better clinical outcome. S&T studies. Department of Science Technology, Govt of West Bengal. Memo number 98(sanc.)/ST/P/S&T/9G-13/2015.

Dr. Monoranjan Sow

Conferences

- Attended APSWB (Annual Conference Of Association Of Plastic Surgery West Bengal Chapter) in February 2018
- Organized ROTTO Workshop on "Skin Banking and Newer avenues of Transplantation in Plastic Surgery- Hand transplant" in IPGMER –(Plastic Surgery Division) in February 2018
- Organized Mid-Term CME of APSWB on Cleft Lip & Palate – September 2018.

Awards

Dr. Choden Norbu ,PDT (2015-2018) presented a paper on A modified design of Penile Reconstruction for creating aesthetic glans at College foundation day competitive paper presentation in January,2018 and PLASTICON 2017 (State chapter of Association of Plastic Surgeon India) and received FIRST PRIZE.

Thesis projects ongoing

SN	Candidate	Topic	Guide	Co-Guide
1	Dr. Swaraj Hanspal 2016-2019	Use of hand held doppler in pre op evaluation of Perforator based flaps and its relation with intra op findings	Dr. Bijay K. Majumdar	Dr. Sandip K. Basu
2.	Dr. Subhra Dutta 2016-2019	To study various treatment modalities for the management of postburn axillary contracture in a tertiary centre	Dr. Arindam Sarkar	Dr Md G.J. Naiyer
3.	Dr. Manas Sasmal 2016-2019	A study of outcome after coverage of exposed tibia with propellar perforator flaps	Dr. Tibar Banerjee	Dr. Souvik Adhikari
4.	Dr. Bharti Maravi 2016-2019	Comparative study of different modalities of treatment of fingertip injuries	Dr. Bijay K. Majumdar	Dr. Sandip K. Basu

5.	Dr. G. Aurobindo Mohapatra 2016-2019	A prospective study of autologous platelet rich plasma for treatment of burn ulcer	Dr Arindam Sarkar	Dr Md G.J. Naiyer
6.	Dr. Ajay K. Pathak 2017-2020	Various coverage option lower third leg defect	Dr. Arindam Sarkar	Dr. Souvik Adhikari
7.	Dr Sweta 2017-2020	To study different coverage options for soft tissue defect of sole in a tertiary centre	Dr Arindam Sarkar	Dr. Md G.J. Naiyer
8.	Dr Debraj Saha 2017-2020	Groin flap to salvage hand after electric burn-challenges, experience and functional outcome-a prospective observational study	Dr Arindam Sarkar	Dr Md G.J. Naiyer
9.	Dr. Mehraj Sk 2017-2020	A study of fat: gland ratio as an indicator for predicting appropriate surgical modality in gynaecomastia	Dr. Arindam Sarkar	Dr. Souvik Adhikari
10.	Dr. Saurav Sethia 2017-2020	A study on outcome of surgical reconstruction of post burn axillary contracture	Dr. Sandip K. Basu	–
11.	Dr. Jayabrata Maitra 2017-2020	A study of outcome following reconstruction of post burn flexion contracture of the knee joint with perforator plus fasciocutaneous flaps	Dr. Arindam Sarkar	Dr. Sandip K. Basu

PhD program

- Dr. Abhishek Adhya, awarded PhD in health sciences, in the subject of Biotechnology with the specialization in Medical Nanotechnology, under the faculty of Modern Medicine of WBUHS. Guide: Professor Bijay Kumar Majumdar
- Dr. Sampa Dattagupta, Professor, has been pursuing her Ph. D research work on 'Assessment of Insulin sensitivity in obese, non-diabetic subjects undergoing infraumbilical Surgery and its variation with general & regional anaesthesia'- 2013 onwards under the guidance of Professor Bijay Kumar Majumdar

SERVICE INFORMATION

Beds location

BRU ward (Emergency)	Ronald Ross Building 2 nd floor	30 beds
NPS ward (Scheduled cases)	Ronald Ross Building, 5 th floor	40 (Male-19, Female-21)
Alex Ward (Scheduled cases)	Main Building, 4 th Floor	12, Child beds
Emergency beds	Scattered over various wards	
NPS OT Recovery		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 2017 21474

OT information

Operation Facilities

Main operation theatre, MAIN BUILDING 3 days (6 tables)
 Plastic Surgery Operation theatre, RONALD ROSS BUILDING 6 days (18 tables)

Microvascular Surgery (NPS OT): Wednesday/Thursday/Friday(Once A Week), NPS OT
 Laser Therapy (NPS OT): Tuesday, Wednesday, Thursday
 Burns Injury (BRU OT, Ronald Ross Building): Daily Except Saturday, Sunday

Emergency operations requiring general anesthesia (NER OT)

Acute hand injury OT (NPS OT), 3rd table, 24 hours

N.B: Renovation is going on at MAIN OT Complex; Temporarily operations are being carried out at NER O.T under Local anaesthesia

Statistics of 2018

Admission	1986
Discharge	1415
New OPD patients	10770
Old OPD patients	10935
Total OPD patients	22005
Burn admission	534
Burn discharge	273
Death	210
Emergency operations	3511
Elective operations	1856
Burn operations	257
OPD procedures	1684
Av fistula cases	107
Laser	270
Total operations	7685
Microvascular cases	26

Operation days of each Unit (Scheduled operations)

- Unit-I Tuesday & Saturday (NPS OT) & Wednesday (Main OT Complex)
- Unit-II Monday (NPS OT), Thursday (NPS OT), Friday (Main OT Complex)
- Unit-III Wednesday & Friday (NPS OT) & Monday (Main OT Complex)

Other service information

License and registration of SKIN BANK was received on 15th June 2018. Operation of skin bank is in progress since 22nd April 2013.

Cases performed during this year (01.11.2017 TO 31.10.2018)

- Cadaver skin harvest 08
- Cadaver STSG 18

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.

FACULTY & RESIDENTS

Faculty & Medical Officer	Qualification	Designation
Dr. Pradeep Kumar Saha	M.D., NIMHANS (Bangalore)	HOD & Professor
Dr. Amit Kumar Bhattacharyya	MD	Professor
Dr. Sikha Mukhopadhyay	MD	Associate Professor
Dr. Prathama Guha	MD, DNB	Associate Professor
Dr. Indranil Saha	MD, DPM	Associate Professor
Dr. Paramita Ray	MD	Associate Professor
Dr. Anirban Ray	MD, DM	Associate Professor
Dr. Dhrubojoyti Bagchi	DPM, DNB	Associate Professor
Dr. Sujit Sarkhel	MD	Associate Professor
Dr. Nikhiles Mandal	MD, DPM	Assistant Professor
Dr. Parthasarathi Kundu	MD, DNB	Assistant Professor
Dr. Supartha Barua	MD	Assistant Professor
Dr. Manish Kumar	MD	Assistant Professor
Dr. Subir Hazra Choudhury	DPM	RMO-cum-Clinical tutor
Dr. Nirmal Kanti Dutta	DPM	Medical Officer
Dr. Nabakumar Maiti	DPM, MD (Pharmacology)	Medical Officer
Dr. Abhijit Chakraborty	MBBS	Medical Officer
Dr. Ajoy Halder	MD	Medical Officer
Dr. Tamoghna Bandyopadhyay	MD	Senior Resident
Dr. Argha Halder	MD	Senior Resident
Dr. Joydeep Acharjee	MD	Senior Resident
Dr. Sutanuka Ghosal	MD	Senior Resident
Dr. Arijit Mondal	MD	Senior Resident
Dr. Sagarika Roy	MD	Senior Resident
Dr. Aritra Chakraborty	MD	Senior Resident

Postgraduate trainees – MD

2016 – 2019	2017 – 2020	2018 – 2021
Dr. Kanika Das Dr. Jolly Das Dr. Gautam Mahati Dr. Aratrika Sen	Dr. Mainak Pal Dr. Pubali Chowdhury Dr. Aniket Mukherjee Dr. Shampa Sarkar	Dr. Aakanksha Malhotra Dr. Althea Wotsa Dr. Iman Baidya Dr. Sumedha Roy

Postgraduate trainees – DPM

2017 – 2019	2018 – 2020
Dr. Arpita Biswas Dr. Sayanti Ghatak Dr. Aruddha Sarkar Dr. Srinath Samanta Dr. Koushik Das Dr. Debashis Saha Dr. Pranab Mallik Dr. Abhijit Chakladar	Dr. Arpita Biswas Dr. Sayanti Ghatak Dr. Aruddha Sarkar Dr. Srinath Samanta Dr. Koushik Das Dr. Debashis Saha Dr. Pranab Mallik Dr. Abhijit Chakladar

TRANSFERS & POSTINGS

Faculty	Designation	Transferred to
Dr. Prasanta Kumar Das	Associate Professor	Malda Medical College
Dr. Parthasarathy Biswas	Assistant Professor	North Bengal Medical College
Dr. Subir Bhattacharjee	RMO-cum-Clinical tutor	Purulia Medical College

FACULTY NEWS

Prof. Pradeep Kumar Saha

- Chairman, Penal & Ethical Committee, West Bengal Medical Council
- Hony. State Secretary IMA (Academics), West Bengal
- Executive member, Governing Body of IPGME&R & SSKM Hospital
- Member, Medical Council, West Bengal
- Principal investigator of SCOPE Study: Epidemiology of common psychiatric disorders of the state of West Bengal. The first time ever study involving tablet device to collect data in a door-to-door survey. First systematic psychiatric epidemiology study in the state of West Bengal since independence. The field data collection phase is going on.
- Principal investigator of National Mental Health Survey: Principal investigator in the NMHS which is the largest Psychiatric Epidemiology studies in the world which uses State-of-the-art tablet/hand-held device technology. The field collection phase is on.

Awards / Felicitations

- Rashtriya Vidya Gurav Gold Medal Award 2015
- "Best Principal Award 2015"

CME / Conferences / Workshops attended

- Organized a street play on behalf of IOP-COE on 10th September 2018 for commemorating "Suicide Prevention Day"
- Organized a Street rally and play (from Hazra More to SSKM Hospital) for Awareness on Mental Health And Prevention of Suicide on 10th October 2018
- Attended a conference as speaker on "Synergizing Technologies and Health for Delivering Better Patient Care" organized by GAPIO held on 29th – 30th July 2017 in the USA, Florida
- Participated in ANCIPS 2015 at Hyderabad Jan 2015. The conference was granted 4 CME points.
- Participated in World Psychiatric Association Regional Congress 2015 held at Le Meridian Hotel, Kochi, India from 25th-27th September 2015.
- Participated in 41ST Annual Conference of Indian Psychiatric Society of East Zonal Branch (CEZIPS 2015), held at Shillong Convention Centre, Shillong, Meghalaya, from 8th-10th October 2015.
- Psychiatric Conference 2015 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Hyatt Regency Hotel, on 12th & 13th of September 2015. The conference was granted 3 CME credit hours by the West Bengal Medical Council, vide Ref No. 1086-C/28-2012, dated 23.08.15
- Participated in the 16th National Conference of Indian Association of Social Psychiatry' held at Hotel Clarks, Khajuraho, Madhya Pradesh from 3rd to 6th December, 2015. This conference has been accredited for 13 CME credit hours, by the Madhya Pradesh Medical Council, vide Ref No. 1631-C/28-2015, dated 24.10.15
- Hosted, conducted, chaired and lectured in the '4TH Kolkata PG CME' held at Institute of Psychiatry-Kolkata, on 22.12.15 & 23.12. 2015.
- "Depression and Diabetes" – World Health Day, 2016, IPGME&R.
- "Depression – Let's Talk" on World Health Day-2017 at IPGME&R, Kolkata
- Presentation on "World Mental Health Day-2017" at IOP-COE, Kolkata
- Presented a paper titled "Newer Perspective of Treatment of Depression" in the 7th Global Association of Physicians of Indian Origin (GAPIO) Mid-Year conference from July 29-30, 2017 at Florida, USA.
- Presented a paper titled "Depression - A Global Crisis" at a conference of the Association of Physicians of India, 2017
- Presented a paper titled "STRESS UNDERSTANDING & CONCEPTUALISATION" at "CME" on occasion of 200 Years Bicentenary Celebration of Institute of Psychiatry-COE (7th – 10th December 2017)
- Presented a paper titled "DEPRESSION: CONCEPTUALIZATION, RECENT UNDERSTANDING & MANAGEMENT" at "CME" on occasion of 200 Years Bicentenary Celebration of Institute of Psychiatry-COE (7th – 10th December 2017)

- Presented a paper titled "ASD: CONCEPTUAL UNDERSTANDING, MANAGEMENT AND HOW TO HANDLE" at "CME" on occasion of 200 Years Bicentenary Celebration of Institute of Psychiatry-COE (7th – 10th December 2017)
- Expert interviewee to several Health awareness programmes in 'Sushtha Bharat' of Doordarshan-1 have been broadcasted where Dr. Saha was a Speaker viz. "Sishu Mone Oboshad", "Obosore Oboshad", "Living with Schizophrenia", Nidra O Anidra
- Guide: "Family burden and Quality of Life in Primary caregivers of patients with schizophrenia, Bipolar Affective Disorder and Depression: A comparative study."
- Guide: "A comparative study of Childhood and adolescent Bipolar Disorder with or without anxiety disorder co-morbidity and its clinical implications".
- Guide: "A study on Quality of Life and psychopathology in parents of children with Attention Deficit Hyperkinetic Disorder."
- Guide: A comparative study of Childhood, Adolescent and Adult onset OCD with respect to phenomenology, Genetic Loading, Quality of Life, Executive function and correlates of insight.
- Guide: A study on use of volatile solvents : Its clinical, Socio-demographic profile, Psychiatric comorbidities and Genetic loading and quality of life.
- Guide: Use of dimensional Yale Brown Obsessive Compulsive Scale for assessment of Obsessive Compulsive Spectrum in patients with Obsessive Compulsive disorder and the prevalence of the Spectrum in their first degree relatives.
- Guide: A cross-sectional study on restricted repetitive behavior patterns in children and adolescents with pervasive developmental disorder in a tertiary care centre in eastern India: a factor analytic study.
- Guide: A study of factors and predictors of depression in patients of renal transplant recipients in a tertiary care hospital in eastern India. Protocol submitted to the West Bengal University of Health Sciences for partial fulfillment in MD (Psychiatry), Session 2013 – 2016
- Guide: A comparative study on comorbidities, stressor. Genetic loading in children and adolescent patients with dissociative (Conversion) disorder and their age and gender matched controls in a tertiary care hospital in eastern India. Protocol submitted to the West Bengal University of Health Sciences for partial fulfillment in MD (Psychiatry), Session 2013 – 2016

Landmarks achieved

- Establishment of 3 new colleges under INSTITUTE OF PSYCHIATRY (IOP) in the last 2 yrs. namely :-
- College of Clinical Psychology providing Post Doctoral Degree M.Phil in Clinical Psychology (8 seats/year)
- College of Psychiatric Social Work (PSW) providing Post Doctoral Degree in M.Phil in PSW (16seats/year)
- Starting of M.Sc in Psychiatric Nursing course (10 seats / year)
- College of Psychiatric Nursing providing Basic Diploma Degree in Psychiatric Nursing (20seats/year)
- Establishment of 24 Hrs. Psychiatric Emergency at IOP : 2nd in India next to NIMHANS, Bangalore and running successfully.
- Establishment of Advanced Sleep laboratory at IOP: 1st in India in a government psychiatric set-up inaugurated by the Hon'ble CM of Govt. of West Bengal on 17th July 2015 and running successfully.
- Establishment of Psychiatric Pathology and Bio-Chemistry Department, at IOP
- Establishment of New Modernized 6-storied fully air-conditioned Academic Building at IOP
- Establishment of 24x7 upgraded modern e-Library at IOP
- Increment in indoor patient bed strength from 36 to 140 at IOP
- Increment in M.D. Psychiatry seats from 4 to 12 seats in total at IOP
- Creation of 67 new posts including 4 Professors in Psychiatry, Clinical Psychology, PSW at IOP
- Opening of the "Free Legal Aid Clinic" at the Institute Of Psychiatry first time in Eastern India.
- Successfully conducted the 200 Years Bicentenary Celebration of Institute of Psychiatry-COE held from 7th – 10th December 2017 as "Organising Secretary".
- Successfully conducted a Training & Orientation Programme For Nursing Staff On Management of Psychiatric Patients and Human Rights Aspects at IOP-COE, from February-2018 to June-2018 as Coordinator.

Prof. Dr. Amit Kumar Bhattacharyya

- Participated in ANCIPS 2017 at Raipur in Jan 2017. The conference was granted 4 CME points.
- Participated in World Psychiatric Association Regional Congress 2015 held at Le Meridian Hotel, Kochi, India from 25th-27th September 2015.
- Participated in 42nd Annual Conference of Indian Psychiatric Society of East Zonal Branch (CEZIPS 2016), held at Shillong Convention Centre, Shillong, Meghalaya, from 16th-18th Sept 2016.
- Psychiatric Conference 2017 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Hyatt Regency Hotel, on 12th & 13th of September 2017. The conference was granted 3 CME credit hours by the West Bengal Medical Council
- The 4TH Kolkata PG CME held at Institute of Psychiatry-Kolkata, on 22.12.16 & 23.12. 2016

- Participated Indian Association of Child & Adolescent mental health from 10th to 12th Nov 2017 as chairperson
- Participated in Indian association of private psychiatry conference in 11th Mar 2017 as panelist
- Participated in Mid-term CME IPS east zone, 23rd to 24th July 2016 as guest lecturer

Dr. Sikha Mukhopadhyay

- Attended International conference on Advances in Dementia & National conference of Alzheimer's Related disorders organised by ARDSI, Calcutta Chapter from 22 to 24 Sept 2017
- Psychiatric Conference 2017 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Raichak on Ganges, South 24 Parganas, on September 2017. The conference was granted 3CME credit hours by the West Bengal Medical Council, vide Ref No. 1086-C/28-2014, dated 23.08.14
- Guide for thesis by Dr Ajay Haldar, titled '*Effects of Cannabis Use on Cognitive Function & Clinical Features of Bipolar Disorder*' submitted, to the West Bengal University of Health Sciences for the partial fulfillment of MD degree in Psychiatry, Session 2011 - 2014
- Co-Guide (Guide Dr. Bidita Bhattacharya) for Dissertation by Ms. Urbi Mukherjee, titled '*Self Concept, Personality Correlates, Family Environment & Adjustment Related Issues: A Comparative Study between Obese & Non-Obese Adults*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013
- Biswas P, Mukhopadhyay S. Poster Titled "*Socio demographic and clinical correlates of patients attending a de-addiction clinic in tertiary care hospital in Eastern India*" presented at ANCIPS (Jan 10-13, Bangalore 2013)
- Guide for Thesis of Dr Joydeep Acharjee Titled "A comparative study of incidence of new onset obsessive compulsive symptoms in patient taking atypical antipsychotics (Olanzapine, Risperidone) and Haloperidol".

Dr. Prathama Guha

Publications

- Prevalence of Restless leg syndrome in somatoform pain disorder and its effect on quality of life. J of neurosciences in rural practice. 6 (2):160-164 March 2015
- Metaphor comprehension deficit in schizophrenia with reference to the hypothesis of abnormal lateralization & right hemisphere dysfunction language science. July 2015
- Autism: a rare presentation of Bardet – Biedel syndrome. British medical journal, June 2015

CME / Conferences / Workshops

- Participated in ANCIPS 2017 at Raipur in Jan 2017. The conference was granted 4 CME points.

Dr. Anirban Ray

Publications

- Aniruddha Basu, Anirban Ray, Chapter "Nicotine & Schizophrenia" in Biology of Addictive disorders ed. Victor Preddy in Elsevier March - 2016
- Sutar R, Ray A, Seshadri SP, Leukodystrophy presenting as hyperactivity and bipolarity with uncommon adverse drug reaction; Indian Journal of Psychological Medicine

CME / Conferences / Workshops attended

- Attended & presented symposium titled "Aggression in child & adolescence " in ANCIPS – 2017 (5th to 8th January 2017)
- Presented "Pervasive developmental disorder & overview " in National PGCME 28th & 29th December at Institute of Psychiatry – COE, Kolkata – 25.
- Paediatric Movement Disorder Update, NIMHANS, Bangalore, Dated 12.6.2016
- Child Mental Health in India : Catalysing the Public Health Response; NIMHANS, Bangalore, Dated 20.1.2016

Dr. Sujit Sarkhel

- An open label trial of memantine in resistant obsessive –compulsive disorder. Industrial Psychiatry (accepted for publication)

Publications

- Neuropsychiatric profiles in patients with Alzheimer's disease and vascular dementia. Bandyopadhyay TK, Biswas A, Roy A, Guin DS, Gangopadhyay G, Sarkhel S, Ghoshal MK, Senapati AK. Ann Indian Acad Neurol. 2014 Jul;17(3):325-30.

- Pseudo-dementia: A neuropsychological review. Kang H, Zhao F, You L, Giorgetta C, D V, Sarkhel S, Prakash R. Ann Indian Acad Neurol. 2014 Apr;17(2):147-54. .
- An open-label trial of memantine in treatment-resistant obsessive-compulsive disorder. Bakhla AK, Verma V, Soren S, Sarkhel S, Chaudhury S. Ind Psychiatry J. 2013 Jul;22(2):149-52.
- Clinical features, MRI brain, and MRS abnormalities of drug-naïve neurologic Wilson's disease. Pulai S, Biswas A, Roy A, Guin DS, Pandit A, Gangopadhyay G, Ghorai PK, Sarkhel S, Senapati AK. Neurol India. 2014 Mar-Apr;62(2):153-8.
- Acute dystonia, akathisia, and parkinsonism induced by ziprasidone. Praharaj SK, Jana AK, Sarkhel S, Sinha VK. Am J Ther. 2014 Mar-Apr;21(2)

Speaker in CME

- Gender and Sexuality in IPS Eastern Zone Mid Term CME held in Imphal in July, 2014
- Motivation Enhancement Therapy in Eastern Zone PG CME held in Gangtok in August, 2014.

Papers presented

- Stressful life Events in Obsessive – Compulsive Disorder poster presented in KC Dubey Award held at Annual National Conference of IPS at Pune in January, 2014

Other activities

- Served as Hony. Editor of Bengal Journal of Psychiatry

Dr. Subir Kumar Hajra Chaudhuri

- Attended the 65th Annual National Conference of Indian Psychiatric Society (ANCIPS 2012), held at Bangalore, Karnataka from 10th to 13th January 2013, which was eligible for 4 (four) CME credit hours, granted by the Karnataka Medical Council
- Attended the 14th ANCIAPP held at Ahmedabad on 21-24, Nov 2013
- 9th Annual National Conference of Indian Association Of Biological Psychiatry 13th & 15th September 2013, Grand Muntaz, Srinagar, Kashmir
- The 3rd Kolkata PG CME held at Hotel Golden Parkk, on 07.12.13

Dr. Nikhiles Mandal

Publication

- Extra Pyramidal side effects with low doses of Amisulpride in Indian Journal of Psychiatry 56:2, 197-199, 2014.

Dr. Partha Sarathi Kundu

Publications

- Kundu, P.S., Ray, I., Das, B., Sinha, V.K. Electro Convulsive therapy in children: A review (2003), Eastern Journal of Psychiatry, 7 (1 & 2), 46-57.]
- Kundu, P.S. & Pandey, S. The Party (2005). Indian Journal of Social Psychiatry, 21 (1-2), 85-88]; (ISSN 0971-9962)
- Kundu, P.S., Chowdhury, A.D., Sinha, V.K. Pharmacoeconomics –an emerging discipline and its application in neuropsychiatry, (2008). Industrial Psychiatry Journal, 17(2), 63-74.] (ISSN 0972-6748)
- Kundu, P.S., Sinha, V.K., Paul S.E. & DeSarkar, P. (2008). Current Social Functioning In Adult Onset schizophrenia And Its Relation With Positive Symptoms. Industrial Psychiatry Journal. (ISSN 0972-6748)
- Kundu, P.S., Sinha, V.K., Paul S.E. & DeSarkar, P. (2008). Current Social Functioning In Adult Onset schizophrenia And Its Relation With Negative Symptoms. Indian Journal of Social Psychiatry, 24 (1-2), 44-50]; (ISSN 0971-9962)
- Kundu, P.S., Sinha, V.K., Paul S.E. & DeSarkar, P. (2008) Current Social Functioning In Adult Onset schizophrenia And Its Relation With Positive and Negative Symptoms, Indian Journal of Psychiatry, (50), S34.]; (ISSN 0019-5545).
- Kundu, P.S. & Sinha, V.K. (2009) Premorbid Functioning In Adult Onset schizophrenia And Its Relation With Positive and Negative Symptoms, Indian Journal of Psychiatry, (51), S139.]; (ISSN 0019-5545).
- Santosh. S., Ram. D. & Kundu P.S. (2013). Verbal Working Memory, Negative Symptomatology and Prediction of Unawareness of Achieved Effect of Medication in Schizophrenia. Indian Journal of Clinical Psychology, 40, 3; 103-108.
- Santosh. S., Dutta Roy. D. & Kundu P.S. (2013). Psychopathology, Cognitive Function, and Social Functioning of Patients with Schizophrenia. East Asian Archives of Psychiatry ; 23: 65-70.

Conference research paper presentations

- Research paper titled "Premorbid And Current Social Functioning In Early And Late Adolescent Onset Schizophrenia And Its Relation With Positive And Negative Symptoms" in 35th Annual Conference of Indian Psychiatric Society (Eastern Zonal Branch) held in Gangtok from 9th to 11th October 2009 in oral presentation section
- Presented a research paper titled "Verbal working memory, negative symptomatology and prediction of Unawareness of achieved Effect of Medication in schizophrenia" in 35th Annual Conference of Indian Psychiatric Society (Eastern Zonal Branch) held in Gangtok from 9th to 11th October 2009 in award presentation section and won the "Leelabati Bholanath Award" for best paper presented in that conference .
- Research paper titled "Premorbid and Current Social Characteristics Amongst Symptomatic and Asymptomatic Schizophrenia: A Cross Sectional Comparison" in Silver Jubilee National Conference of the Indian Association for Social Psychiatry on November 15-17, 2009 held in Lucknow.
- Poster presentation in International Conference on Schizophrenia-SCARF held from 20 september-23 September 2012 in Chennai on "Premorbid and Current Social characteristics Amongst Symptomatic and Asymptomatic Schizophrenia: a comparative study"

Academic awards

- Won the prestigious "Leelabati Bholanath Award" for best oral presentation in the 35th Annual Conference of Indian Psychiatric Society (Eastern Zonal Branch) [CEZIPS] held in Gangtok from 9th to 11th October 2009.

Conducting workshops, panel discussions & symposiums

- Participated as a resource person in a workshop in collaboration with Missonaries of Charity- Sisu Bhawan, North Bengal, on August 28-29 2015, on common psychiatric disorders.
- Conducted workshop on Stress Management for students and faculties in 22/07/2016 & 23/07/2016 in Indian Institute of Engineering Science and Management, Shibpur.
- Conductd Stress Management programme for BSF jawans posted in Malda on 11/01/2017.
- Conducted workshop on depression and stress disorders as a home resource person in Indian Medical Association both in the year 2017 & 2018.

Dr. Manish Kumar**Publications**

- Mood Spectrum and temperamental instability in unipolar and bipolar disorder patients. Indian journal of Psychological Medicine
- Study of internet addiction and its relationship to psychopathology self esteem in young adult, Industrial Psychiatry
- Subjective symptoms in euthymic bipolar disorder and remitted schizophrenia patient a comparative study, Indian journal of Psychological Medicine
- Study of depression indices of Rorschach Inkblot Test in patient with depressive disorders

Dr. Supartha Barua**Publication**

- Case Report- Iloperidone induced galactorrhea in a middle aged female , Original Articles-1.Relationship between disease severity and suicidal ideation :comarison of major depression,bipolar depression and bipolar mania.2.Assessment of psychopathology in patients presenting with chronic itch in a tertiary care hospital in eastern india. Journal-Indian journal of public health research and development-All three

Dr. Naba Kumar Maiti**Publication**

- Nabakumar Maiti, Malay Kumar Ghosal, Anupam Gupta, Amnrita Sil, Sushmita Chakraborty, Suparna Chatterjee. Clinical effectriveness and safety of escitalopram and desvenlafaxine in patients of depression with anxiety: A randomized, open-label controlled trial. Indian Journal of Pharmacology. Aug 2014: 46 (4); 433-9

Ongoing research as part of MD Psychiatry course:

- Dr Jolly Das (Guide Dr Sikha Mukhopadhyay). A comparative study between Neurocognitive profile of OCD patients with genetic controls and the effect of mindfulness based interventions on diseased group.
- Dr Kanika Das. (Guide: Prof. Dr. Pradeep Kumar Saha) A comparative study of sleep EEG patterns and executive functions in children of schizophrenic parents with age and gender controls on non-schizophrenic parents.
- Dr Gautam Mahati (Guide: Prof. Dr. Amit Kumar Bhattacharyya) A comparative study of sleep EEG patterns and Executive functions in children of alcoholic parents with age and gender matched controls of Non-Alcoholic parents.
- Dr. Aratrika Sen (Guide: Prof. Dr. Pradeep Kumar Saha) A comparative study of effect of mindfulness based intervention on disease activities, psychological stress and QOL in patients of Rheumatoid Arthritis with waitlist control group.
- Dr. Sampa Srakar (Guide: Prof. Dr. Amit Kumar Bhattacharyya) A comparative study of haematological and biochemical parameters, psychiatric comorbidities, quality of life in volatile substance users with age and gender matched healthy control.
- Dr. Pubali Chaudhury (Guide: Prof. Dr. Pradeep Kumar Saha) Prevalence of personality disorders and personality traits in adult patients of OCD and correlation of Polysomnographic findings with YBOX severity score
- Dr. Aniket Mukherjee (Guide: Prof. Dr. Pradeep Kumar Saha) A comparative study of impact of repetitive Transcranial Magnetic Stimulation (rTMS) over Supplementary Motor Area (SMA) and orbitofrontal cortex (OFC), on quality of life and symptoms in obsessive compulsive disorders (OCD) patients.
- Dr. Mainak Pal (Guide: Dr. Sikha Mukhopadhyay) Role of Repetitive Transcranial Magnetic Stimulation (rTMS) in the study and treatment of Autistic Spectruc Disorder.

THESES PUBLICATION, STUDENT & RESEARCH SCHOLAR INFORMATION

Theses completed & submitted as part of requirement for MD Psychiatry

- Dr Awadhesh P. Solanki (Guide: Prof. (Dr) Pradeep Kumar Saha) Titled: Smartphone and Internet Addiction in School going children and its association with Psychopathology of the respondant and the family
- Dr. Sikha Murmu (Guide: Prof. Dr. Pradeep Kumar Saha) Title: Neurocognitive Dysfunction in Drug Naïve First – Episode Psychosis: Correlates with Psychopathology, Premorbid Adjustment And Duration Of Untreated Psychosis
- Dr. Narottam Halder (Guide: Prof. Dr. Pradeep Kumar Saha) Title: A Comparative Study Of Deliberate Self Harm Among Adolescent And Adult And Their Personality And Psychopathological Correlates
- Dr. Sagarika Ray (Guide: Prof. Dr. Amit Kumar Bhattacharyya, Co-Guide: Prof. Dr. Pradeep Kumar Saha) Title: A Comparative Study Of The Polysomnographic Findings In The Different Subtypes Of Schizophrenia And Their Correlates With The Various Domains And Severity Of Schizophrenia In A Tertiary Care Hospital In Eastern India
- Dr. Paritosh Roy (Guide: Dr. Sikha Mukhopadhyay, Co-Guide: Dr. Prasanta Kumar Das) Title: A Comparative Study of STIGMA, Quality Of Life And Family Burden In Patients Of Schizophrenia And Obsessive Compulsive Disorder.

SERVICE INFORMATION

Number of indoor beds: 140 (110 Functional Beds from 01-Dec-2017 to 30-Nov-2018)

		Dec17	Jan18	Feb18	Mar18	April18	May18	June18	July18	Aug18	Sept18	Oct18	Nov18	TOTAL
Indoor admissions in 2018	Male	38	37	42	35	36	63	37	53	36	59	22	57	515
	Female	15	21	24	26	23	35	23	33	21	25	31	38	315
	Total	53	58	66	61	59	98	60	86	57	84	53	95	830

Distribution of outdoor services is as follows:

Days	Consultants	
Monday & Tuesday	Prof. Dr. Pradip Kumar Saha	Dr. Indranil Saha, Dr. Anirban Ray Dr. Partha Sarathi Kundu Dr. Nikhiles Mondal, Dr. Manish Kumar Dr. Sujit Sarkhel
Wednesday & Friday	Dr. Sikha Mukhopadhyay	Dr. Paramita Roy, Dr. Supartha Barua
Thursday & Saturday	Prof. Dr. Amit Kumar Bhattacharya	Dr. Prathama Guha Dr. Subir Hazra Chowdhury Dr. Dhrubajyoti Bagchi

The following numbers of patients have been seen in Psychiatry OPD from December 2017 to November 2018

	Dec17	Jan18	Feb18	Mar18	April18	May18	June18	July18	Aug18	Sept18	Oct18	Nov18	TOTAL
New	1930	2397	2577	2709	2890	2688	2753	3180	2939	2826	3916	2583	33388
Old	9788	11743	10105	11849	12217	12712	13575	13846	13151	11788	18709	11265	150748

IOP is also running **multi-disciplinary special clinics** in, de-addiction, geriatric and child psychiatry, obsessive compulsive & mood disorders. 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:

Clinic	Consultant	Days
Child Adolescent Clinic	Dr. Pradip Kumar Saha, Dr. Anirban Ray, Dr. Sujit Sarkhel,	Thursday
Substance Abuse Clinic	Prof. Dr. Pradip Kumar Saha, Dr. Shikha Mukhopadhyay, Dr. Indranil Saha, Dr. Manish Kumar, Dr. Supartha Barua	Thursday
Geriatric Clinic	Dr. Pradip Kumar Saha, Dr. Indranil Saha	Tuesday
OCD Clinic	Dr. Pradip Kumar Saha, Dr. Nikhiles Mandal	Wednesday
Mood Clinic	Dr. Pradip Kumar Saha, Dr. Paramita Roy	Saturday

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

- Total No. of Books: 2000
- Journals: 20
- Online Journals: 2
- 24x7 e-Library with Free Wi-Fi facility

Equipments 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
- rTMSMachine (Neuro MS/D System)-1
- ECT Machines (ExcelloModel , BPL)– 1
- Boyle's (Anesthetic Machine) BPL – 1
- Defibrillator BPL- 1

Department of Clinical Psychology, IOP-COE, Kolkata

Faculty & Students:

Faculty	Qualification	Designation
Dr. Bidita Bhattacharya	M.Sc; MPhil Clinical Psychology; PhD	Associate Professor
Mr. Prasanta Kumar Roy	MA; MPhil Medical & Social Psychology; PhD. submitted	Assistant Professor, Acting HOD
Dr. Annwasha Mondal	MA; MPhil Clinical Psychology, Ph.D submitted	Assistant Professor
Ms. Amrita Mitra	MA; MPhil Clinical Psychology	Assistant Professor
Ms. Pourabi Choudhury	M.Sc; MPhil Clinical Psychology	Assistant Professor
Ms. Rudrani Chatterjee	MA; MPhil Clinical Psychology, Ph.D submitted	Lecturer in Clinical Psychology
Ms Sreetama Chatterjee	M.Sc; MPhil Medical & Social Psychology	Lecturer in Clinical Psychology
Ms Tapasri Das	M.Sc; MPhil Clinical Psychology	Lecturer in Clinical Psychology
Ms. Doyel Ghosh	M.Sc; MPhil Clinical Psychology	Lecturer in Clinical Psychology
Ms. Chhavi Tewary	MSc, MPhil Clinical Psychology	Lecturer in Clinical Psychology
Ms. Ankita Biswas	MSc, MPhil Clinical Psychology	Lecturer in Clinical Psychology
Ms. Zainab Ahmed	M.Sc; MPhil Medical & Social Psychology	Clinical Psychologist

Students	Course	Session
Ms. Madhurima Dey Sarkar	M.Phil Clinical Psychology	2016 – 2018
Ms. Debosmita Chakraborty	M.Phil Clinical Psychology	2016 – 2018
Ms. Monomita Mukhopadhyay	M.Phil Clinical Psychology	2016 – 2018
Ms. Ramya Krishnamoorthy	M.Phil Clinical Psychology	2016 – 2018
Ms. Arpita Roy	M.Phil Clinical Psychology	2016 – 2018
Ms. Debolina Roy	M.Phil Clinical Psychology	2016 – 2018
Ms. Ridhi Thaker	M.Phil Clinical Psychology	2016 – 2018
Ms. Charlotte D'Costa	M.Phil Clinical Psychology	2016 – 2018
Ms. Sanjukta Acharya	M.Phil Clinical Psychology	2016 – 2018
Ms. Sukanya Ghosh	M.Phil Clinical Psychology	2016 – 2018

There are 8 seats in this 2-year M. Phil course (2018-19), which is affiliated to West Bengal University of Health Sciences and is approved by Rehabilitation Council of India.

FACULTY NEWS:

Dr. Bidita Bhattacharya: Associate Professor

- **Publication-**
A comparative study of psychosocial factors of obesity, DOI.10.4103/2395-2296.211643.
- **Reviewer**
Journal of Rational Emotive And Cognitive Behaviour Therapy, June, 2016
Journal of Rational Emotive And Cognitive Behaviour Therapy, Jan, 2017
Journal of Rational Emotive And Cognitive Behaviour Therapy, April, 2018
- **Resource Person-Invited lectures**
School of Cognitive Science, Jadavpur University, Kolkata, West Bengal – March, 2017.
Woodland's College of Nursing, Woodland's Multispeciality Hospital, Kolkata – April, 2017.
Parenting Skill Orientation Programme, Euro Kids, Rahara, North 24 Parganas, Kolkata – April, 2017.

Symposium

On brain and Psychotherapy, Dept. of Applied Psychology, Kolkata, WB, March, 2017.

Community Programme

On Depression, On World Health Day, 7th April, 2017 at Tata Metaliks, Kharagpur, WB.

Seminar

Seminar presented in Bicentenary Celebration of Institute of Psychhiatry, Kolkata, December, 2017.

- **Participation in Seminar/ Workshop-**

Attended Seminar on Psychoanalysis, ,Kolkata from 13th -14th January, 2018.

Attended a Workshop on Performing Arts, June, 2017

- **Paper Presentation:**

Presented paper and awarded Best Paper in a scientific session in 44th National Annual Conference of Indian Association of Clinical Psychologists, February 2018.

- **Membership:**

Elected as Executive Council Member, East Zone of Indian Association of Clinical Psychologist

Elected as President of Indian Association of Clinical Psychologist, West Bengal

Mr. Prasanta Kumar Roy: Assistant Professor**Publications**

Mohta A, Roy PK, Saha PK. A study on perceived parenting style among transgender. Open J Psychiatry Allied Sci. 2017;8:157-62. doi: 10.5958/2394-2061.2017.00014.3. Epub 2017 Jun 10.

Das, S., Roy, P. K., & Biswas, P. (2018). Impact of Diagnosis and Level of Mindfulness among Breast Cancer Patients in the Initial, Middle and Advanced Stages. *Indian Journal of Clinical Psychology, 44*(2), 124-130.

Mukhopadhyay, P., Roy, P. K., & Bhattacharya, L. A (2018) COMPARATIVE STUDY ON DEFICITS OF COGNITIVE PROCESSING SKILLS AMONG CHILDREN WITH SPECIFIC READING DISORDER AND SPECIFIC LANGUAGE IMPAIRMENT. *Asia Pacific Journal of Research, 1*: 59: 331-339.

Roy, P. K. & Mukhopadhyay, P.(2018), A PROSPECTIVE STUDY OF BRIEF COGNITIVE BEHAVIOR THERAPY (CBT-B) IN THE TREATMENT OF DEPRESSIVE DISORDERS. *Asia Pacific Journal of Research, 1*: 87: 366-373.

- **Reviewer:**

International Journal of Mental health And Addiction.

Kerela Journal of Psychiatry.

Open Journal of psychiatry and Allied Sciences.

- **Resource Person**

Invited speaker – National symposium titled “psychology in diabetes: Issues and Challenges” on March 1, 2017 ISI, Kolkata.

Symposium on Suicide, National conference on Expanding Frontiers of Applied Psychology, Kolkata, March 2017.

No. of Invited CRE Workshop as sole Resource Person: 2 (2017)

Resource person, CRE Workshop on psychological management of psychosis using CBT and Hypnotherapy, Kerela, July, 2017.

Psychosocial care in disaster management, Administrative Training Institute, Govt. of WB. 6 lectures in last 1 year.

TOT, Psychosocial care in Disaster Management, sent as Govt. of WB representative, March 2017.

Seminar presented in Bicentenary Celebration of Institute of Psychhiatry, Kolkata, December, 2017.

- **Participation in Seminar/ Workshop-**

CME on Ethical and Legal Issues in Psychiatry, at IOP-COE, December, 2016

Seminar on “Depression: Lets Talk”, at IOP-COE on the occasion of World Health Day, May, 2017.

Attended a CME on Psychiatric Epidemiology, at IOP-COE, August, 2018

- **Membership**

Awarded as Fellow at Indian Association of Clinical Psychologist

Awarded as Hon. President, Indian Society for Clinical and Experimental hypnosis

Dr. Anwesha Mondal: Assistant Professor

- **Publication**
Paper: 'A study on Internet addiction and its relation to Psychopathology, Self esteem among college students' accepted in Industrial Psychiatry Journal.
- **Resource Person**
Seminar presented in Bicentenary Celebration of Institute of Psychiatry, Kolkata, December, 2018.
- **Participation in Seminar/ Workshop**
3 Day CRE training programme on Psychosocial Interventions at different developmental stages, 22nd to 24th November, 2017.
Attended a CME on Psychiatric Epidemiology, at IOP-COE, August, 2018
- **Membership**
Awarded Professional Life Membership at Indian Association of Clinical Psychologist

Ms. Amrita Mitra: Assistant Professor

- **Paper Presentation**
Presented paper in 44th National Annual Conference of Indian Association of Clinical Psychologists, February 2018.
- **Participation in Seminar/ Workshop**
CME on Ethical and Legal Issues in Psychiatry, at IOP-COE December, 2016
Participant in "Fairy Tale Test – Workshop, at Caring Minds, Kolkata 27th Jan, 2017.
Seminar on "Depression: Lets Talk", at IOP-COE on the occasion of World Health Day, May, 2017.
CME on Childhood Depression- Role of Psychotherapy, 3rd September, 2017
Participant in CRE programme, Assessment and Diagnosis of ASD at Pradip Centre for Autism., 22nd to 24th November, 2017.
Seminar presented in Bicentenary Celebration of Institute of Psychiatry, Kolkata, December, 2018.
CRE training programme on "Understanding Transition In The Life of Persons with Disability", conducted at NIEPID, Regional Centre, Kolkata, February, 2018.
Attended International Seminar on 'Understanding Inclusion of Persons with disabilities in Poverty alleviation programme', in Department of Education, Jadavpur University & Voice of the World from 11th to 13th April, 2018.
Attended Seminar in Speech & Hearing Association of India, West Bengal Branch (SHAIWB)), 1st Convention, AYJNISHD (D) R.C. Kolkata from 21st to 22nd April, 2018.
Attended a CME on Psychiatric Epidemiology, at IOP-COE, August, 2018
- **Membership**
Awarded Professional Life Membership at Indian Association of Clinical Psychologist

Ms. Pourabi Choudhury: Assistant Professor

- **Paper Presentation**
Presented paper in 43rd National Annual Conference of Indian Association of Clinical Psychologists, January, 2017.
Presented paper in National Conference on Expanding Frontiers of Applied Psychology, March, 2017.
- **Resource Person**
Symposium
On brain and Psychotherapy, Dept. of Applied Psychology, Kolkata, WB, March, 2017.
Workshop Presentation in Bicentenary Celebration of Institute of Psychiatry, Kolkata, December, 2017.
- **Participation in Seminar/ Workshop-**
Attended 2-day Seminar on Neurodegenerative Disorders: Diagnosis, Assessment & Rehabilitation at University of Calcutta, August, 2018
Attended a CME on Psychiatric Epidemiology, at IOP-COE, August, 2018

Ms. Rudrani Chatterjee: Lecturer in Clinical Psychology

- **Resource Person**

Speaker at Indian Psychiatric Society, Focused CME on Childhood Depression: Role of psychotherapy, 3rd September, 2017

- **Participation in Seminar/ Workshop-**
CME on Ethical and Legal Issues in Psychiatry, at IOP-COE, December, 2016
Participant in "Fairy Tale Test – Workshop, at Caring Minds, Kolkata, 27th Jan, 2017
Seminar on "Depression: Lets Talk", at IOP-COE on the occasion of World Health Day, May, 2017
Participant in CRE programme, Assessment and Diagnosis of ASD at Pradip Centre for Autism., 22nd to 24th November, 2017

Ms. Sreetama Chatterjee: Lecturer in Clinical Psychology

- **Resource Person**
Seminar presented in Bicentenary Celebration of Institute of Psychiatry, Kolkata, December, 2017.
- **Paper Presentation**
Presented paper and awarded Best Paper in a scientific session in 44th National Annual Conference of Indian Association of Clinical Psychologists, February 2018.
- **Participation in Seminar/ Workshop**
CME on Ethical and Legal Issues in Psychiatry, at IOP-COE, December, 2016.
Seminar on "Depression: Lets Talk", at IOP-COE on the occasion of World Health Day, June, 2017.
Attended CME on 'OSA in Clinical Practice' in March, 2017
- **Membership**
Awarded Professional Life Membership at Indian Association of Clinical Psychologist

Ms. Tapasri Das: Lecturer in Clinical Psychology

- **Paper Presentation**
Case Presentation in Bicentenary Celebration of Institute of Psychiatry, Kolkata, December, 2017.
- **Participation in Seminar/ Workshop**
CME on Ethical and Legal Issues in Psychiatry, at IOP-COE, December, 2016.
Seminar on "Depression: Lets Talk", at IOP-COE on the occasion of World Health Day, June, 2017.
Participant in CRE programme, Assessment and Diagnosis of ASD at Pradip Centre for Autism., 22nd to 24th November, 2017.
5day CRE on Sensory Motor Approaches for Children with Developmental delay held December, 2018 at Medical College, Kolkata
- **Membership**
Awarded Lifetime Membership at Indian Psychoanalytic society, June, 2018

Ms. Doyel Ghosh: Lecturer in Clinical Psychology

- **Resource Person-**
Seminar Presentation in Bicentenary Celebration of Institute of Psychiatry, Kolkata, December, 2017.
- **Participation in Seminar/ Workshop-**
CME on Ethical and Legal Issues in Psychiatry, at IOP-COE, December, 2016.
Seminar on Music and Mind, February, 2017.
Conference on Sexual and Mental Health, April, 2017.
Seminar on "Depression: Lets Talk", at IOP-COE on the occasion of World Health Day, June, 2016.
Seminar on Child Psychology and Parenting, August, 2017.
Conference on Community Mental Health, March 2017.
'Women Safety in Dogmatic times'- An international conference organized by COWAP, Committee on Women and Psychoanalysis, a wing of International Psychoanalytic Association, London held in March, 2018, Kolkata.
Workshop on Training in Narrative Practices, July 2018, Kolkata.
Attended a CME on Psychiatric Epidemiology, at IOP-COE, August, 2018
- **Membership**

Awarded Professional Life Membership at Indian Association of Clinical Psychologist

Chhavi Tewary: Lecturer in Clinical Psychology

- **Resource Person**
Symposium
On Suicide, National conference on Expanding Frontiers of Applied Psychology, Kolkata, March 2017.
Workshop Presentation in Bicentenary Celebration of Institute of Psychiatry, Kolkata, December, 2017.
- **Paper Presentation**
Presented Paper titled "The role of stressful Life events & family functioning in Attempted Suicide with respect to gender" in National Annual Conference of Indian Association of Clinical Psychologists, January, 2017.

Presented Paper titled "A study of Socio-Demographic factors for Attempted Suicide with respect to gender" in National conference on Expanding Frontiers of Applied Psychology, Kolkata, March 2017.

Presented paper and awarded Best Paper in a Scientific session in 44th in Annual Conference of Indian Association of Clinical Psychologists, February 2018.
- **Participation in Seminar/ Workshop**
Attended seminar In Department of Psychology, Loretto College, Kolkata, WB, in November, 2016.
CME on Ethical and Legal Issues in Psychiatry, at IOP-COE, December, 2016.
Seminar on "Depression: Lets Talk", at IOP-COE on the occasion of World Health Day, June, 2016.
- **Membership**
Awarded Professional Life Membership at Indian Association of Clinical Psychologist

Ms. Ankita Biswas: Lecturer in Clinical Psychology

- **Publication**
Paper: 'Materialism & its effects on Psychiatric Morbidity of Indian Students', Research Paper published in International Journal of Indian Psychology, Dec, 2017.
- **Resource Person**
On Specific Learning Disability, CRE Program in NILD, November, 2016
Workshop on Study & Memory Skills, and Goal Setting at Vedanta Centre for Healing Minds, Kolkata, March, 2017.
Seminar on Anger Management in Children at Vedanta Centre for Healing Minds, Kolkata, March, 2017.
Seminar Presentation in Bicentenary Celebration of Institute of Psychiatry, Kolkata, December, 2017.
Invited Lecture
On Stress And Health Problems in Dept of Applied Psychology, University of Calcutta, May, June, November, 2017.
- **Paper Presentation**
Presented Paper in International Conference on Solution Focused Therapy, December, 2016.
Presented paper in 44th National Annual Conference of Indian Association of Clinical Psychologists, February 2018.
- **Participation in Seminar/ Workshop**
CME on Ethical and Legal Issues in Psychiatry, December, 2016.
Attended a CME on Psychiatric Epidemiology, at IOP-COE, August, 2018
Attended a CRE program in September: "Recent trends in diagnosis & psychological assessment", 24-26th September, 2018, At NIEPID, regional centre- Kolkata.
- **Membership**
Awarded Professional Life Membership at Indian Association of Clinical Psychologist
in National Institute for the empowerment of Persons with Intellectual Disabilities, Regional Centre, Kolkata, 18th to 22nd June, 2018.
Participant in IACPCON20018, a 3 days National Conference with CRE credit in

RESEARCH PROJECTS

Ongoing research

ROLL	NAME	TOPIC	GUIDE	CO-GUIDE
1	Madhurima Dey Sarkar	Neuropsychological And Behavioral Functioning In Children With Conduct Disorder And ADHD- A Comparative Study	Shri Prasanta K. Roy	Prof. (Dr.) P.K Saha
2	Debosmita Chakraborty	Neuropsychological and Psychological predictors of treatment outcome in obsessive compulsive disorder.	Shri Prasanta K. Roy	Prof. (Dr.) P.K Saha
3	Monomita Mukhopadhyay	A comparative study of personality factors and self esteem of young adults with Smartphone addiction.	Dr. Bidita Bhattacharya	Prof. (Dr.) P.K Saha
4	Ramya Krishnamoorthy	Empathy, Emotional Regulation, Social Processing and Coping style in Children with Oppositional Defiant Disorder	Dr. Bidita Bhattacharya	Prof. (Dr.) P.K Saha
5	Arpita Roy	A study on shopping addiction and it's relationship to psychopathology with regard to personality	Ms. Anwesha Mondal	Prof. (Dr.) P.K Saha
6	Debolina Roy	A study on assessing the role of Parent-Child Relationship In Children With ADHD On Their Temperament And Emotional Functioning	Ms. Anwesha Mondal	Prof. (Dr.) P.K Saha
7	Ridhi Thaker	WISC IV Profile On Children With Focalized And Generalized Seizure- A Comparative Study	Ms. Anwesha Mondal	Prof. (Dr.) P.K Saha
8	Charlotte D'Costa	Parent child relationship, ego functioning, coping, defense mechanism , and metacognition of adolescents with borderline personality traits: a comparative study.	Dr. Bidita Bhattacharya	Prof. (Dr.) P.K Saha
9	Sanjukta Acharya	Personality Patterns And Stressful Life Events In GERD Patient And It's Effect On Their Quality Of Life	Dr. Bidita Bhattacharya	Prof. (Dr.) P.K Saha
10	Sukanya Ghosh	Women with substance abuse-in search of psychosocial predictors: A comparative study.	Shri Prasanta K. Roy	Prof. (Dr.) P.K Saha

Theses completed & submitted as part of requirement for M.Phil Clinical Psychology:

- Pritha Roy, (Guide: Mr. Prasanta Kumar Roy), Title: Efficacy Of Indian Scale For Assessment Of Autism (ISAA) In Discriminating Autism And Communication Disorders: A Comparative Study
- Sampurna Chakraborty (Guide: Dr. Bidita Bhattacharya), Title: Neuropsychological Correlates In Females With Fibromyalgia
- Megha Choudhary (Guide: Dr. Bidita Bhattacharya), Title: A Comparative Study of Psychosocial Factors In Menopausal And Post-Menopausal Phases,
- Lekshmi Priya K (Guide: Dr. Susmita Halder), Title: Relationship Between Executive Functioning And Emotional, Social Behaviour In Children With ADHD
- Tania Ghosh (Guide: Dr. Susmita Halder), Title: Self Perception And Neurocognitive Functioning in Breast Cancer Individuals Among Different Treatment Groups – A Comparative Study

DEPARTMENTAL CLINICAL WORK

The Department of Clinical Psychology has started functioning in March 2011 and is providing services on an outpatient and inpatient basis. The general outdoor runs on all working days where evaluation, management and follow-ups of patients are performed. Services offered include IQ assessment, psycho diagnostics, personality & neuropsychological assessment, cognitive retraining, psychotherapy & counselling (individual, family & group). The Department is also planning to expand its functioning in the area of Behavioural Medicine, i.e. use of psychological services in general medical conditions including burn cases, cancer, HIV/AIDS, gynaecological problems, cardio-vascular disease, pre- and post- surgery cases, dermatological issues, diabetes etc.

Department is also involved in various awareness program by observing Suicide Prevention Day on 10th September, 2018 and World Mental Health Day on 10th October, 2018 where trainees did a street play on suicide prevention. A Rally/ Walk was also organized that started at Hazra Crossing and ended at SSKM Hospital.

The following numbers of patients have been seen in Department of Clinical Psychology OPD from December 2017 to November 2018

	Dec17	Jan18	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	TOTAL
IQ Assessment	-	96	84	92	90	84	90	94	96	91	46	50	913
Diagnostic Psychometry	-	29	32	32	27	24	28	32	25	30	27	19	305
Individual & Group Therapy	318	522	447	438	495	480	463	420	443	312	338	316	4992

	TOTAL	
IQ Assessment	1903	Case increased by 46.72% to last year
Diagnostic Psychometry	1307	Case increased by 14.85% to last year
Individual & Group Therapy	7827	Case increased by 20.49% to last year

<u>Total Cases seen at Department of Clinical Psychology</u>	
IQ Assessment:	2816
Diagnostic Psychometry:	1612
Psychotherapy:	12819

Equipment / Psychological Intervention and Test Materials available with the department

- 32-channel Wireless Neurofeedback, Biofeedback, QEEG, Brain Mapping system (Neuroconn Therapax)
- 10-channels Wireless Portable Biofeedback & Neurofeedback System (Nexus 10)
- BINET KAMAT TEST OF INTELLIGENCE (BKT 1,2,3,4,5,6,7,8)
- DR. C.M. BHATIA'S PERFORMANCE TEST OF INTELLIGENCE (BHATIA 1,2,3,4,5,6,7,8)
- MALIN'S INTELLIGENCE SCALE FOR INDIAN CHILDREN (MISIC 1,2,3,4,5)
- SEGUIN FORM BOARD TEST (SFBT 1,2,3,4,5,6 SCHEMABLOCK AND RECORD FORM)
- WECHSLER'S ADULT PERFORMANCE INTELLIGENCE SCALE (WAPIS 1,2,3,4,5)
- RORSCHACH INKBLOT TEST (RIT CARDS 1,2,3,4,5,6 SCHEMABLOCK AND RECORD FORM)
- THEMATIC APPERCEPTION TEST (TAT 1,2,3,4,5,6 AND RECORD BLANK)
- THEMATIC APPERCEPTION TEST INDIAN ADAPTATION AND RECORD BLANK
- CHILDREN'S APPERCEPTION TEST INDIAN ADAPTATION (1,2,3,4,5,6)
- CHILDREN'S APPERCEPTION TEST - ANIMAL FIGURE (3)
- CHILDREN'S APPERCEPTION TEST - HUMAN FIGURE (3)
- BEHAVIOURAL CHECKLIST FOR SCREENING THE LEARNING DISABILITY
- 16 PERSONALITY FACTOR QUESTIONNAIRE (5)
- PGI BATTERY OF BRAIN DYSFUNCTION (PGI - BBD 1,2,3,4,5,6 AND DATA SHEET)
- EYSENCK'S PERSONALITY QUESTIONNAIRE - REVISED
- INTERNATIONAL PERSONALITY DISORDER EXAMINATION (IPDE)
- STRUCTURED CLINICAL INVENTORY FOR DSM DISORDERS (SCID)
- MINNESOTA MULTIPHASIC PERSONALITY INVENTORY - II (ADULT INTERPRETIVE SYSTEM)
- AIIMS COMPREHENSIVE NEUROPSYCHOLOGICAL BATTERY - ADULT
- AIIMS COMPREHENSIVE NEUROPSYCHOLOGICAL BATTERY - CHILD
- RAVEN'S ADVANCED PROGRESSIVE MATRICES / MILL-HILL VOCABULARY
- RAVEN'S EDUCATIONAL 1
- RAVEN'S COLOURED PROGRESSIVE MATRICES / CRICHTON VOCABULARY SCALE
- WECHSLER'S ADULT INTELLIGENCE SCALE - 2TH EDITION (WAIS-IV)
- RAVEN'S STANDARD PROGRESSIVE MATRICES/MILL-HILL VOCABULARY
- WECHSLER'S ABBREVIATED SCALE OF INTELLIGENCE (WASI)

29. WECHSLER'S INTELLIGENCE SCALE FOR CHILDREN – 4TH EDITION (WISC-IV)
30. WECHSLER'S PRESCHOOL AND PRIMARY SCALE OF INTELLIGENCE – 3RD EDITION (WPPSI-III)
31. KAUFMAN BRIEF INTELLIGENCE TEST – 2ND EDITION (KBIT-2)
32. SYMPTOMS CHECKLIST 90 – REVISED (SCL-90-R) (HANDSCORE OUTPATIENT, HANDSCORE INPATIENT, AND HANDSCORE NONPATIENT ADULT STARTER KIT)
33. WORKING MEMORY TEST BATTERY FOR CHILDREN (WMTB-C)
34. CONNERS COMPREHENSIVE BEHAVIOURAL RATING SCALE (CONNERS CBRS)
35. TEST OF EVERYDAY ATTENTION FOR CHILDREN (TEA-ch)
36. CHILDHOOD AUTISM RATING SCALE (CARS-2)
37. TEST OF PREMORBID FUNCTIONING UK VERSION (TOPF-UK)
38. TEST OF EVERYDAY ATTENTION (TEA-UK)
39. CAMBRIDGE PROSPECTIVE MEMORY TEST (CAMPROMPT)
40. MILLION CLINICAL MULTIAXIAL INVENTORY (MCMI-III)
41. BSI-18
42. HARE PSYCHOPATHY CHECKLIST YOUTH VERSION (HARE PCL-YV)
43. BECK YOUTH INVENTORIES (BYI)
44. WECHSLER MEMORY SCALE III INDIA
45. BEHAVIOURAL ASSESSMENT OF DYSEXECUTIVE SYNDROME (BADS)
46. AUTISM DIAGNOSTIC INTERVIEW – REVISED (ADI-R)
47. DIFFERENTIAL APTITUDE TEST HINDI (DAT-HINDI)
48. VINELAND ADAPTIVE BEHAVIOURAL SCALE – II (VABS-II)
49. PARENTING RELATIONSHIP QUESTIONNAIRE (PRQ HANDSCORE STARTER KIT)
50. KAUFMAN ASSESSMENT BATTERY FOR CHILDREN – 2ND EDITION (KABC II)
51. DEVEREUX SCALE OF MENTAL DISORDERS (DSMD)
52. CHILDREN'S MEASURE OF OBSESSIVE – COMPULSIVE SYMPTOMS (CMOCS)
53. PAULHUS DECEPTIONS SCALES (PDS)
54. BRIEF SYMPTOM INVENTORY (BSI-18)
55. TEST OF MEMORY MALINGERING (TOMM)
56. SCHOOL FUNCTION ASSESSMENT (SFA)
57. CONNERS 3RD EDITION (CONNERS III)
58. HARE PSYCHOPATHY CHECKLIST (PCL-SV)
59. CHILDREN DEPRESSION INVENTORY (CDI-2)
60. BEHAVIOURAL INATTENTION TEST
61. GILLIAM AUTISM RATING SCALE (GARS 2)
62. BENTON VISUAL RETENTION TEST (BVRT)
63. GILLIAM ASPERGER'S DISORDER SCALE (GADS)
64. MINNESOTA MULTIPHASIC PERSONALITY INVENTORY – 2ND EDITION – RESTRUCTURED FORM (MMPI-2 RF)
65. MILLION PREADOLESCENT CLINICAL INVENTORY (MPACI)
66. MILLION ADOLESCENT CLINICAL INVENTORY (MACI)
- 67.

About Neurofeedback and Biofeedback Instruments

The Department is having most sophisticated Neurofeedback and Biofeedback instruments – those can be used in treatment of ADHD, stress management, anxiety management, pain management and in various psychosocial conditions. These instruments can also be used in improving the function of sports persons.

DEPARTMENT OF PSYCHIATRIC SOCIAL WORK (PSW)

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 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 men power development in mental health under National Mental Health Programme (NMHP).

Faculty:

SN	Name	Qualification	Designation
1	Mrs. Ilora Barik Sil	M.S.W, M.Phil (NIMHANS), Ph.D (Pursuing)	Assistant Professor & Head
2	Mrs. Soma Saha	M.S.W, M.Phil (C.I.P) Ph.D (Pursuing)	Associate Professor
3	Mrs. Rupa Chakraborty	M.S.W, M.Ed in Special Education	Psychiatric Social Worker
4	Ms. Oindrila Ganguly	M.A(Psychology), M.Phil (IOP), Ph.D (Pursuing)	Psychiatric Social Worker
5	Ms. Rituparna Jash	M.S.W, M.Phil (IOP)	Psychiatric Social Worker

Details of Students :

There is a total of 16 seats each in this 2-year of M Phil in PSW course, which is affiliated to West Bengal University of Health Sciences, vide letter No. OG/UHS/1771/2012, dated 27.10.2012.

1	Ananya Sengupta	M.Phil in PSW	2016-2018
2	Atreyi Chatterjee	M.Phil in PSW	2016-2018
3	Debjani Mahanti	M.Phil in PSW	2016-2018
4	Rituparna Das	M.Phil in PSW	2016-2018
5.	Tumpa sen	M.Phil in PSW	2015-2017
6.	Archita Sinha	M.Phil in PSW	2017-2019
7.	Bidisha Goswami	M.Phil in PSW	2017-2019
8.	Debapriya Bhowmik	M.Phil in PSW	2017-2019
9.	Epsita Gupta	M.Phil in PSW	2017-2019
10.	Jhumki Mukherjee Chowdhury	M.Phil in PSW	2017-2019
11.	Masadul Islam	M.Phil in PSW	2017-2019
12.	Neha Dasgupta	M.Phil in PSW	2017-2019
13.	Priyanka Bakshi	M.Phil in PSW	2017-2019
14.	Priyeta Ghosh Dastider	M.Phil in PSW	2017-2019
15.	Soumi Khan	M.Phil in PSW	2017-2019
16.	Sukanya Mukherjee	M.Phil in PSW	2017-2019
17.	Tanaya Sengupta	M.Phil in PSW	2017-2019
18.	Torsa Das	M.Phil in PSW	2017-2019

Services of Department of Psychiatric Social Work

The Department offer 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:**
 - Psychosocial and Clinical assessment of individuals and family.
- ❖ **Psychosocial Intervention:**

- For individuals: Social Case Work, Individual Counselling and different therapies. Social skills training for mentally challenged children and persons with schizophrenia.
- For group of people with special needs: Social Group Work and Group Therapies for: mentally challenged children and their caregivers, children with ADHD and their parents, children with conduct disorder and their parents, persons with OCD and their care givers, persons with substance abuse and other behavioural problems and their families.
- For families in need: Marital and Family Therapy, Crisis Management, Psycho-education and Family Guidance.
- ❖ **Rehabilitation:**
 - Department has started to undertake various community based care and service programmes 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:**
 - Home visits: For psychosocial assessment and intervention
 - Department has plan to undertake various community based care and service programmes e.g. 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:**
 - 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. We will be organizing various academic programmes time to time.
- ❖ **Research:** Priority area of research of the department is psychosocial aspect of mental health, psychosocial disabilities/rehabilitation.

Statistical report												
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Total
Case work ups	10	4	21	48	53	76	143	94	76	35	24	549
Individual sessions (old)	221	141	299	253	302	398	550	412	432	361	406	3765
Individual sessions (new)	156	301	258	187	168	163	185	231	148	182	208	2187
No of Group Therapy												
MR	3	3	3	3	3	3	3	3	3	2	3	32
VT	4	4	5	4	4	4	4	4	5	3	2	43
Autism	1	1	1	1	1	1	1	1	1	1	1	11
OCD	4	3	2	2	5	3	3	3	1	2	2	30
Addiction	3	4	4	4	4	4	3	4	3	1	4	38
Depression	-	1	1	1	-	-	3	3	1	-	1	11
Home Visits	0	0	3	2	12	16	19	13	-	-	-	65

RESEARCH PROJECTS

Thesis completed & submitted as part of requirement for M.Phil in PSW Course :

- Mrs Anindita Roy (Guide: Mrs. Soma Saha; Co-guide: Prof. (Dr.) Pradeep Kumar Saha) "Assessment of psychiatric illness among family members of persons with obsessive compulsive disorder and their family functioning - An explorative study"
- Ms. Pooja Audhya (Guide: Mrs Ilora Barik Sil; Co-guide: Prof. (Dr.) Pradeep Kumar Saha) "Guilt, regret and coping in individuals with Obsessive Compulsive Disorder and individuals in conflict with law: A comparative study"
- Mr. Sourodipta Mukherjee (Guide: Mrs. Soma Saha; Co-guide: Dr. Sikha Mukhopadhyay) "A study on family interaction patterns and family burden of the persons with alcohol dependence"

- Mrs. Poulami Ganguly (Guide: Mrs. Soma Saha; Co-guide: Dr. Indranil Saha) "A comparative study on perceived stress, social support and family burden among caregiver of persons with locomotor disability and intellectual disability"
- Ms. Parama Acharya (Guide: Mrs Ilora Barik Sil; Co-guide: Dr. Partha Sarathy Biswas) "A study on the interaction patterns, adjustment and quality of life in families with alcohol dependence"
- Ms. Kankani Roy (Guide: Mrs. Soma Saha; Co-guide: Dr. Prasanta Kumar Das) "A comparative study on social stigma, quality of life, perceived stress and coping among women as commercial sex workers and women suffering from mental illness"
- Ms. Arkita Pal (Guide: Mrs Ilora Barik Sil; Co-guide: Prof. (Dr.) Pradeep Kumar Saha and Dr. Prathama Guha) "Resilience and coping of women with depression; A comparative study"
- Ms. Indira Bhowmick (Guide: Mrs Ilora Barik Sil; Co-guide: Prof. (Dr.) Pradeep Kumar Saha) "Perceived stress and coping in persons with dissociative conversion disorder ; A Comparative study"
- Ms. Rinki Dey (Guide: Mrs. Soma Saha; Co-guide: Dr Anirban Roy) "Perceived social support, burden and expressed emotion of the spouses of women with depression and women without depression- A comparative study"
- Ms. Ranjana Banerjee (Guide: Mrs Soma Saha; Co-guide: Prof. (Dr.) Pradeep Kumar Saha and Dr. Partha Sarathy Biswas) "A study of the family interaction patterns and expressed emotions in family members of persons suffering from schizophrenia"

Ongoing research as part of M.Phil in PSW course:

- Ms Ananya Sengupta (Guide: Mrs. Soma Saha; Co-guide: Prof. (Dr.) Pradeep Kumar Saha) "A study on Family Functioning, Perceived Social Support and Expressed Emotion among family members of Persons with Depression).
- Ms Atreyi Chatterjee (Guide: Mrs Ilora Barik Sil; Co-guide: Prof. (Dr.) Pradeep Kumar Saha & Dr Amit Bhattacharya) "Social Interaction Anxiety, Self-Esteem and Fear of Negative Evaluation: A Study on Obsessive Compulsive Disorder"
- Ms Debjani Mahanti (Guide: Mrs. Soma Saha; Co-guide: Prof. (Dr.) Pradeep Kumar Saha & Dr. Prathama Guha) "A Study on Parent Child Interaction Pattern and Parenting Style of Children with Hyperkinetic Disorder"
- Ms Rituparna Das (Guide: Mrs Ilora Barik Sil; Co-guide: Prof. (Dr.) Pradeep Kumar Saha & Dr Anirban Roy) "A study on Co-dependency and Self-esteem in Families with Alcohol Dependence"
- Ms Tumpa Sen (Guide: Mrs. Soma Saha; Co-guide: Prof. (Dr.) Pradeep Kumar Saha) "A Study on Disability and Caregiver burden on persons with Schizophrenia"

Faculty News:

Mrs. Ilora Barik Sil

- Speaker on "Reporting of Child Sexual Abuse – The Dilemmas and Pitfalls faced by Mental Health Professionals" on 26th January, 2018 at Kolkata Psychiatry Club.
- Presented a Paper on "Family Therapy Approach to Women with Mental Health Problems in Kolkata: a step towards Social Inclusion" in XXXVI ANC of IPSW held in Pondicherry on 23.02.2018
- Attended two days International Conference of COWAP at the Gateway Hotel, Kolkata on "Women's Safety in Dogmatic Times" on 9th and 10th of March, 2018.
- Speaker : Human Rights of Mentally Ill" in the 5 days monthly training and orientation programme for Govt. Nursing staffs on Management of psychiatric patients and Human aspect at the Institute of Psychiatry from February 2018 to June 2018.
- Attended a Seminar on Mental Health Care Bill on 27th July, 2018 at the Institute of Psychiatry -A centre of Excellence.
- Attended the Awareness programme on International Suicide Prevention Day on 10th September, 2018 at IOP-COE and IPGME&(R)
- Attended a rally on 9th October 2018 from Hazra More to the Institute of Psychiatry to commemorate the awareness programme on Mental Health Day.
- Speaker : Family Intervention in Child and Adolescent Psychiatry" organized by Indian Academy of Cerebral Palsy and Neonatology Society of Bengal at the Pre-conference Workshop at the Institute of Psychiatry on 23rd November, 2018.

Mrs. Rupa Chakraborty

- Presented a paper on A study on the Effect of parental management training intended for therapeutic

intervention by parents to reduce behavior problems in adults with Intellectual Disabilities in the National conference on Exclusion to empowerment on 19th and 20th November 2018 ,in National Institute for the Empowerment of Persons with Intellectual Disabilities Regional Centre Kolkata.

- Speaker : Human Rights of Mentally Ill" in the 5 days monthly training and orientation programme for Govt. Nursing staffs on Management of psychiatric patients and Human aspect at the Institute of Psychiatry from February 2018 to June 2018.
- Attended the Awareness programme on International Suicide Prevention Day on 10th September,2018 at IOP-COE and IPGME&(R)
- Attended a rally on 9th October 2018 from Hazra More to the Institute of Psychiatry to commemorate the awareness programme on Mental Health Day.
- Attended a Seminar on Mental Health Care Bill on 27th July, 2018 at the Institute of Psychiatry -A centre of Excellence.

Ms. Rituparna Jash

- Attended a symposium on Rabindrik Psychotherapy at Rabi Rashmi Study Circle held on 9th December, 2018.
- Attended the Awareness programme on International Suicide Prevention Day on 10th September,2018 at IOP-COE and IPGME&(R)
- Attended a rally on 9th October 2018 from Hazra More to the Institute of Psychiatry to commemorate the awareness programme on Mental Health Day.
- Attended a Seminar on Mental Health Care Bill on 27th July, 2018 at the Institute of Psychiatry -A centre of Excellence.
- Attended a one day workshop on Positive Parenting held on 27th may, 2018 at Life Coaching Institute, Saltlake.
- Attended a seminar on Mental health care bill held on 27th July,2018 at Institute of Psychiatry- A centre of excellence, Kolkata.

DEPARTMENT OF PSYCHIATRIC NURSING

The Department of Psychiatric Nursing is newly formed in 2012 along with other two departments- The Department of Clinical Psychology and The Department of Psychiatric Social work with the objective to promote mental health and to provide holistic care to individuals, families and communities.

Psychiatric Nursing is an integral part of multidisciplinary team in providing holistic care to persons with mental illness. They also play an effective role in the preventive aspects of mental health by sensitizing the community with mental awareness programs. However, there is an acute short age of professional psychiatric nurses in the country. Therefore, National Mental Health program highlighted the need for establishing POST BASIC DIPLOMA (DPN) in this field thus the same has been included in the project to develop more mental health nursing professionals.

From this year, we have also introduced New course in Department of Nursing-M.SC in Psychiatric nursing from the session October,2018 with 10 students forupgrading knowledge and skill for Psychiatric Nurses which hasgiven an Immense opportunity for the nurses for their growth and development in their career.

SERVICES OF DEPARTMENT OF PSYCHIATRIC NURSING

The Department offer a wide range of clinical services through outpatient clinics, inpatient, emergency and community services. The general service runs 6 days a week between 9.00 am and 4 pm from Monday to Friday and from 9.00 am to 2 pm on Saturday in which psychiatric Nursing assessment and need based management of individuals and their family are being done. Our Current services:

PSYCHIATRIC NURSING ASSESSMENT

- Psychiatric Nursing assessment of individuals and family

PSYCHIATRIC NURSING INTERVENTION

- For individuals: based on the nursing diagnosis, tailor made interventions were planned and implemented.
- Tasks like assisting in the activities of daily living, milieu planning, group and individual recreational and occupational activities.
- Counseling on medication compliance, sleep hygiene, nutrition and other needs
- Social skill training for patients with chronic mental problems.
- Crisis management
- Group therapy for mentally challenged and their care givers, children with ADHD and their parents, children with conduct disorder and their parents, persons with OCD and their care givers, persons with substance abuse and behavioral problems and their families.(Along with Department of Clinical psychology and Psychiatric Social work).
- Family guidance based on the needs along with department of psycho social work.

REHABILITATION

- Follow up of chronic cases
- Assessment of Occupational skills of patients along with occupational therapist.
- Plan is to scale up community services along with Department of Psychiatry, IOP.
- Assisting in indoor based occupational therapy

COMMUNITY SERVICES:

- Home visits: For Psychosocial assessment and intervention along with department of psychiatric social work.
- Health education on various aspects related to mental health promotion and mental illness prevention
- School health programs as adolescent life skills, parenting skills and teachers training on childhood psychiatric disorders.
- Awareness program on geriatric mental health problem
- Community outreach program at Dhaulatabad, BPHC, Pailan, 24 Parganas, south.
- Field visits to different NGO based old age home, halfway home and rehabilitation centers.
- Development of information, educational, and communication (IEC) material for community sensitization and education.

TRAINING AND MANPOWER DEVELOPMENT

- Department has started one-year Diploma in Psychiatric Nursing which is recognized by INC and WBNC

- Department has also introduced a new course this year from October 2018 is Master in Psychiatric Nursing with 10 students
- This year we also have conducted Training and Orientation Program for Govt staffs from various Psychiatric Hospitals on Management of Psychiatric Patients and Human aspects at our Institute of Psychiatry-COE.

FACULTY NEWS:

Ms. Gita purkait (Acting Principal Cum Associate Professor)

Ms. Gita purkait has participated in many national and international conferences and training programs.

Among those on psychiatry-

- In 2013, 3 days ISPN National conference on prevention and management of Tobacco Addiction in India
- In 2014, 1 day continuing Nursing Education program on "Mental Health Nursing Emergencies"
- Speech given on Workshop on Process Recording
- Attended TNAI Conference
- Attended many National and International Conferences and Workshops,
- Organized two Workshops,
- In 2008, done BLS (Basic Life Support) and ACLS (Advanced Life Support) training two times from R. N. Tagore Hospital and there got an opportunity to be a trainer and in 2016 from B. M. Birla Heart Research Centre, Kolkata,
- Participated as a speaker and chief Organizer in the 5 Days Monthly Training and Orientation program for Govt. Staffs on Management of Psychiatric Patients and Human Aspects, held at Institute of Psychiatry-COE, from the month February to June 2018
- Life Member of TNAI and ISPN (Indian Society of Psychiatric Nurses) at Professional level
- Ms. Gita Purkait attended international conference organized by TNAI.
- Attended Annual National Conference on Nursing Research Society Of India.

Speaker on Bi- centenary Celebration Programme in Institute of Psychiatry - COE on SCIENTIFIC PAPER PRESENTATION – "A Study of the Stress experienced and Coping Strategies adopted by the Mothers of Children Suffering from Leukemia in a selected Hospital at Kolkata." On 10/12/201.

Nursing Research Done (published) at ISPN Journal 2018

- "A study of the stress experienced and coping strategies adopted by the mothers of the children suffering from leukaemia in a selected hospital at Kolkata" in 2009-2011"

Mrs . Payel Saha (Coordinator of DPN Course and Assistant Professor)

Mrs. Payel Saha has attended National Workshop On Research Methodology - "Traversing pathway" in St. John college of Nursing, Bangalore Nursing Research done (Unpublished)

- A study to assess the stress and coping strategies among children of Alcohol Dependents in Urban areas in Bangalore"
- A study to assess the knowledge and Attitude among the psychosocial stress of Senior citizen in Urban areas, Maraimalar Nagar, Karnataka"
- Attended State Annual Conference 2017 conducted by TNAI on the Theme: A voice to lead: Achieving the Sustainable Development Goals
- Done a Certificate Course on Nutrition from Indira Gandhi National University
- Professional Membership of TNAI
- Participated as a speaker and Organizer in the 5 Days Monthly Training and Orientation program for Govt. Staffs on Management of Psychiatric Patients and Human Aspects held at Institute of Psychiatry-COE, from the month February to June 2018
- Attended 22 Annual National Conference "Nursing Research Society of India".
- Attended TNAI Conference

Speaker on Bi- centenary Celebration Programme in Institute of Psychiatry - COE on CASE REPORT - *Dissociative Conversion Disorder*

Ms. Sanchita Bhunia (Sister Tutor, Detainment posting as faculty)

Ms. Sanchita Bhunia has attended Annual National Conference on Nursing Research Society of India. Attended International Conference of World Congress on Public Health. Nursing Research done (Unpublished)

- Assessment of unmet need and care received at home by mentally ill clients who are attending the OPD of Pavlov Mental hospital, Kolkata.
- Attended WORKSHOP on Educational Technology.
- Attended various TOT programme at community level such as MAA, IMNCI, ANC & PNC etc.
- Professional Membership of TNAI.
- Attended workshop on Nursing management of HIV infection/AIDS
- Attended Seminar on walking on Broken glass: Developing Standards in Emergency Management and Acute care
- Attend TNAI conference.
- Attend conference of SOMI

Mrs. Anjana Hazra (Sister Tutor, Detailment posting as faculty)

Mrs. Anjana Hazra has attended Annual National Conference on Nursing Research Society of India.

- Nursing Research done (Unpublished)
- A study to assess the knowledge and skill of home care givers of depressive patients who are attending the psychiatric OPD of N.R.S Medical College & Hospital.
- Assessment of knowledge and practice of care givers on home management of depressive patients in selected psychiatric hospital OPD in Kolkata.
- Attended WORKSHOP on Educational Technology & AIDS.
- Attended various TOT programme at community level such as MAA, IMNCI, ANC & PNC Leprosy Training Immunization Training etc.
- Attended Immunization training WORKSHOP ON 12/11/2009 TO 13/11/2009
- Attend workshop on NLEP ON 14/3/2011 to 16/3/2011
- Attended Training on ICDS ON 14/2/2011 TO 19/2/2011
- Attended workshop on community based Maternal Death REVIEW ON 11/5/2011 to 12/5/2011
- Attended workshop programme on substance use disorders on 2014
- Attended one day orientation programme on Psychiatric Emergency at NRS Medical College and Hospital- 2015
- Attend conference of SOMI on women empowerment in Nursing
- Attended Annual National conference "Nursing Research Society of India" on 31.11.18 and 1.12.18
- Attend conference of SNA: let's break the ice: Let's the green Rise
- Attended SOMI, SNA and TNAI conference on February and May

Departmental activities

- Regular academic activities
- As per INC norms clinical duties done by the students
- Community posting at sub-centre, Kulerdari, Pailam Hat
- Regular case presentation and also clinical presentations also being held
- Regular practical supervision and Theory classes are being taken by Faculties and periodic Internal theory and practical examinations are being taken.

DEPARTMENT OF PSYCHIATRY BIOCHEMISTRY & PATHOLOGY

WORK FLOW FOR THE DEPARTMENT OF PSYCHIATRY BIO-CHEMISTRY & PSYCHIATRY PATHOLOGY, IOP – CENTRE OF EXCELLENCE, KOLKATA (2017)

The department of Pathology-IOP, Centre of Excellence, Kolkata was envisioned under guidance of Prof. (Dr.) P. K. Saha in 2013.

To facilitate this, Dr. M. Banerjee and Ms. Rita Guha were employed in November 2013. The proposed building was under construction - so a temporary space was demarked for the Lab on the 1st floor of the Office building of the Institute. The layout of the Lab was prepared by Dr. M. Banerjee and submitted to Prof. (Dr.) P.K.Saha for approval. Subsequently, four rooms were identified and their repair work started. The main room – Haematology/Bio-chemistry with its Electrical plumbing and infrastructure work is now completed. The work for the other three rooms earmarked for Clinical Pathology and Molecular Biology and phlebotomy are also completed.

Simultaneously, various instruments for the Department of Haematology/Coagulation, Routine Bio-Chemistry, Immuno Bio-Chemistry, Clinical Pathology and PCR have been procured and installed and successfully running in accordance with West Bengal Government regulations.

A pathologist – Dr. S.K. Das was employed for overall lab supervision. An extensive test Menu for each Department has been made in consultation with Doctors in accordance with Departmental requirements.

The test menu has been expanded and the lab now supports ICU, Chest, CABLE, MACK, Rheumatology, Endocrinology and RNTCP units for the whole of the IPGME&R.

In the meantime, Dr. M. Banerjee and Rita Guha attended NABL Audit Courses to be a certified Internal Auditor in line with guidelines laid down in ISO 15189, 2012.

Dr. M.Banerjee subsequently attended numerous CMEs on quality assurance of lab reporting and PCR.

The departmental staffs were increased from 2 to 4. Pathological lab assistant Mrs Chitra Mondal has resigned and Mr Kanad Banerjee has joined in the same post.

The following theoretical courses have been taken by Dr. M. Banerjee and Dr. S.K.Das regularly to impart full and functional understanding in matters of Lab management, Quality policy, SOP, Bio-Statistics, Lab Safety precaution, Bio-medical Waste disposal, Phlebotomy, Critical Call policy, Staining procedures, Manual tests, Lab Softwares and so on.

We at the Lab have worked tirelessly to put together every possible aspect of knowledge pertaining to good Lab practices and sincerely pledge to work towards making the Path lab the best of it's kind in the Government sector with international standards.

SCOPE OF THE PATHOLOGY LAB : IOP,COE,KOLKATA

DEPARTMENT/TESTS	METHOD	INSTRUMENT	REPORTING INTERVAL
HAEMATOLOGY CBC Peripheral smear	Hydrodynamic focusing; Flow cytometry; SLS-Hb method & Microscopy	Sysmex XS-1000i	Daily
MP + Dual antigen	Microscopy + RDK	-	Daily
IMMUNOHAEMATOLOGY	Antigen & antibody agglutination reaction	-	Daily

ABO Grouping & RH TYPE	by slide/tube method and D ^u method when applicable	-	
ROUTINE BIOCHEMISTRY			
HbA1C	Immunoturbidimetry	COBAS Integra 400 Plus	Daily
Glucose	Spectrophotometry	COBAS Integra 400 Plus	
Urea			
Creatinine			
Uric acid			
Total protein			
Albumin			
T Bilirubin			
D Bilirubin			
SGOT			
SGPT			
Alkaline Phosphatase			
Gamma GT			
Cholesterol			
HDL	Enzymatic Colorimetry	COBAS Integra 400 Plus	Daily
LDL			
Triglycerides			
VLDL			
CPK	IFCC,SFBC,SCE,DGKC	COBAS Integra 400 Plus	Daily
	IFCC		
LDH	Colorimetry	COBAS Integra 400 Plus	Daily
Magnesium	Particle enhanced turbidimetric assay	COBAS Integra 400 Plus	Daily
CRP		COBAS Integra 400 Plus	Daily
ASO	Immunoturbidimetry	COBAS Integra 400 Plus	Daily
Amylase	Enzymatic Colorimetry	COBAS Integra 400 Plus	Daily
Lipase	Enzymatic Colorimetry	COBAS Integra 400 Plus	Daily
Electrolytes,Ca ⁺² ,Li ⁺	Direct Potentiometry	AVL 9180	Daily
SPECIAL BIOCHEMISTRY			
T3	ECLIA	COBAS e411	Daily
T4			
TSH			
FT3			
FT4			
Prolactin			
Procalcitonin			
Vitamin D – 25 (OH)	ECLIA	COBAS e411	Daily
CLINICAL PATHOLOGY			
Urine R/E	Semi- quantitative reflectance photometry	LAURA SMART	Daily
Coagulation			
PROTHROMBIN TIME(PT)	Clot based assay by light scattering	ECL 412	Daily
ACTIVATED PARTIAL			

THROMBOPLASTIN TIME(APTT)	principle		
MOLECULAR BIOLOGY MTB/RIF	Nucleic acid amplification	GeneXpert(Cepheid)	Daily

INSTRUMENT LIST
(DEPARTMENT OF PSYCHIATRY BIOCHEMISTRY & PATHOLOGY)

SN	Instrument Name	Model
(1)	FULLY AUTOMATED IMMUNO ANALYZER	COBAS e411 (ROCHE)
(2)	FULLY AUTOMATED ROUTINE BIOCHEMISTRY ANALYZER	COBAS INTEGRA 400 PLUS (ROCHE)
(3)	ELECTROLYTE ANALYZER –2 PCS	AVL 9180 (ROCHE)
(4)	HAEMATOLOGY ANALYZER, 5 PART DIFFERENTIAL	XS-1000i (SYSMEX)
(5)	REAL TIME PCR	GeneXpert IV-4 MODULE (CEPHEID)
(6)	BIO SAFETY CABINET CLASS II	MFDB-1200 (MICROFLOW, TYPE- A ₂)
(7)	AUTOClave –VERTICAL	O-ATCV-1220 (OVFU)
(8)	HOT AIR OVEN	O-OMS-1214(D) (OVFU)
(9)	REFRIGERATOR AND FREEZER	FKG 320 (2PCS) & BFS 150(1PC) [CELFROST]
(10)	MICROSCOPE – 3 PCS	CH-20i (OLYMPUS)
(11)	INCUBATOR	O- BIS- 1214(D) (OVFU)
(12)	COAGULOMETER	ECL 412 (TRANSASIA)
(13)	URINE ANALYZER	LAURA SMART (TRANSASIA)
(14)	CENTRIFUGE – 3 PCS	REMI
(15)	VORTEX	REMI
(16)	ROTARY SHAKER	REMI
(17)	COMPUTER	DELL
(18)	PRINTER	hp
(19)	SCANNER	Hp
(20)	WATER BATH	KANJI SURGICAL Pvt Ltd
(21)	HOT PLATE	
(22)	DIGITAL THERMOMETERS - 3 PCS	(INDO SCIENTIFIC)
(23)	ROOM HYGROMETER-THERMOMETER	

Pulmonary (Respiratory) Medicine

The Department of Respiratory Medicine caters to all forms of respiratory disorders among patients attending on OPD basis or admitted in the indoor departments. Cases are referred not only from the various districts of the state but also from neighboring states of Orissa, Bihar, Assam and Tripura.

FACULTY

Name	Degrees	Designation
Dr. Somenath Kundu	MD (Resp Med)	Professor and Head
Dr. Amitabha Sengupta	MD (Resp Med)	Professor
Dr. Surajit Chatterjee	MD, (Resp Med) FCCP	Assistant Professor
Dr. Ritabrata Mitra	MD, (Resp Med) FCCP	Assistant Professor
Dr. Ranjit Kumar Haldar	DCH, MD (Resp Med)	Assistant Professor

MEDICAL OFFICERS

Name	Degrees	Designation
Dr. Tapan Mondal	MBBS	Senior Resident
Dr. Samar Das	MBBS	Senior Resident

JUNIOR RESIDENTS

SESSION 2016-2019	SESSION 2017 - 2020	SESSION 2018 - 2021
Dr Subhankar Bera	Dr Arindam Sinha	Dr Riksoam Chatterjee
Dr Arindam Datta	Dr Koj Yasa	Dr Sandip Das
Dr Purnendu Dash		Dr Sudipta Saha

FACULTY NEWS

Recent publications of Prof. Somenath Kundu

- Clinical profile of tubercular empyema with special reference to diagnostic role of cartridge based nucleic acid amplification test (CBNAAT). Journal of clinical & diagnostic research 2017 Oct vol – 11((10): OC 01 – OC 05.
- Non-tubercular empyema thoracis- A comparative analysis of gram positive and gram negative organism associated empyema. J. Evolution Med Dort sci/e VOL 6/ issue 61/July 31 2017.
- Anti – p benzoquinone antibody level as a prospective biomarker to identify smokers at risk for COPD. International journal of COPD, 2017: 12 1847 – 1856.

Recent publications of Dr. Surajit Chatterjee

- A cross- sectional study on different time intervals from the appreciation of symptoms to final diagnosis in inoperable primary lung cancer. An eastern India experiences. Journal of Association of chest physicians 2016. 4: 63 – 70.

Recent publications of Dr. Ritabrata Mitra

- Lipid profile status in COPD and association with IL 8. British Journal of Medicine and Medical Research 2015; 9(7):1-7-18703.
- Can vitamin D supplementation hasten recovery of tuberculosis? World journal of Pharmaceutical research 2015; 4(2): 1477-90.
- Evaluation of cardiac biomarkers in detection of cardiomyopathy induced by cardiotoxic chemotherapeutic agents. Kathmandu university medical journal 2015; 12(48):269-74.
- Common presentation with uncommon diagnosis: Multifocal Epithelioid Hemangioendothelioma. Oman Medical Journal 2015, Prevalence & risk factor of asthma and allergy related diseases among adolescent (PERFORMANCE) study: rational & methods, European Respiratory Journal research 2018, 4:00034-2018.
- Ox carbamazepine induced maculopapular rash—A case report. Journal of clinical and diagnostic research 2015;9(1):01-02.

Conferences and Training Programme:

- Dr Ritabrata Mitra conducted work shop on spirometry as well as delivered a speech in the symposium on` Lung Function` at PULMOCON.
 - Prof (Dr) S Kundu attended as panelist on symposium on ' Training and Mentorship' in NAPCON 2017 and also delivered lectures in PULMOCON 2017 and 2018.
 - Dr S Chatterjee chaired a session on critical care.
 - Residents of the department presented posters and attended sessions in NAPCON 18.
 - All faculties attended & presented papers in ACPCON 2018.
 - Professor Amitabha Sengupta attended 5days training programme on PMDT under RNTCP at NTI, Bengaluru.
-
- Training and sensitization on Recent Guidelines of RNTCP among different Departments and Nursing staff including celebration of World TB Day.

SERVICE INFORMATION

Unit composition and OPD days

Name	OPD days
Dr Somenath Kundu Professor and Head	Monday, Friday: 5 th
Dr Amitabha Sengupta Professor	Thursday Friday: 1 st .
Dr. Surajit Chatterjee Assistant. Professor	Tuesday, Friday: 4 th .
Dr. Ritabrata Mitra Assistant. Professor	Wednesday, Friday: 2 nd .
Dr Ranjit Kr Haldar Assistant. Professor	Saturday, Friday: 3 rd .

OPD information: From 01.12.2017 to 31.10.2018

OPD New patients (Male 30123 + Female 21108)	Total	51231
OPD Old patients (Male 21043 + Female 16500)	Total	37543
OPD All patients TOTAL		88774
Nebulisation -		5734
Thoracocentesis-		702
SPIROMETRY Total No. of PFT done (01.12.17-23.11.18)		1405
RNTCP SERVICES		
Total Sputum Examination		2298
Total No of Sputum positive		127
Total Indoor Patients put on DOTS		486
Total Outdoor Patients given DOTS from SSKM PHI		20
Total Patients refer outside Kolkata		598
Total patient refers within Kolkata		208
Total MDR cases		44
CBNAAT diagnosis pulmonary and extra pulmonary TB		2673
CBNAAT positive cases		443

A. Daily DOTS started for both adult & pediatric TB cases from 01.11.17.

B. DDRTB (District Drug Resistant Tuberculosis) center has been formed to treat MDR TB patients of Alipore, Kolkata with shorter duration MDR Regimen.

IDOOR PATIENTS: Bed strength – 54 (01.12.17-31.10.18)

Total Admission	1088
Bed occupancy	96%
Bed turn over	12.4 days

NEWLY OPENED RESPIRATORY CARE UNIT. Bed Strength - 5 (FIVE). Functioning since 21.06.18 with admission of cases.

Total admission in 4 months 60

INTERVENTIONS:

The department manages all forms of respiratory interventions including pleural aspirations, biopsy, intercostals tube drainage, fiberoptic bronchoscopy and lung biopsy, image guided biopsy (USG, CT), spirometry and non-invasive ventilation.

SN	PROCEDURE	NO.
1.	Thoracentesis	1236
2.	Pleural Biopsy	131
3.	Intercostal Tube drainage	301
4.	Fiberoptic Bronchoscopy	275
5.	CT/ USG guided lung FNAC/ biopsy	256
6.	Pleurodesis	68
7.	Decortications and other major surgery in collaboration with Dept of CTVS	59
8.	Noninvasive ventilation	734

STUDENT AND EXAMINATION INFORMATION:

1. Dr. Subhajit Sen, Dr Rituparna Bose and Dr. Raiza Haamed passed MD (Respiratory Medicine) examination 2017-18 under WBUHS held at IPGMER, Kolkata with Prof S. Kundu as convener and Prof A. Sengupta as internal examiner.
2. Dr. Subhajit Sen won award for paper presentation in Annual Foundation Day, IPGMER 2017 and in ACPCON 2018.

CURRENT RESEARCH WORK IN DEPARTMENT

- A study on diagnostic importance of CBNAAT in pulmonary & extra pulmonary tuberculosis.(Prof S Kundu, Dr Subhankar Bera)
- Role of fiberoptic bronchoscopy and thoracic computed tomography in the diagnostic work up of cases of moderate to severe hemoptysis admitted in tertiary care hospital. (Prof S Kundu, Dr Ranjit Kr Haldar, Dr Purnendu Dash)
- A Study on etiology & diagnostic modalities for cases with solitary pulmonary opacity in chest Roentgenogram. (Prof S Kundu, Dr Ritabrata Mitra, Dr Arindam Dutta)
- A study on prevalence of vitamin d deficiency in patients with COPD and association with its severity. (Prof S Kundu, Dr Surajit Chatterjee, Dr Koj Yasa)
- A study on hematological and biochemical profile of tuberculosis patient and its correlation with BMI and socioeconomic status. (Prof S Kundu, Dr Ranjit Kumar Haldar, Dr Arindam Sinha)

Radiodiagnosis

FACULTY

Dr. Utpalendu Das	MBBS, MD, DMRD	Professor & Head
Dr. Madan Karmakar	MBBS, MD, DMRD	Professor
Dr. Sohini Sengupta	MBBS, MD	Associate Professor Now on detailment to Dr. B. C. Roy Children Hospital & PGIPS
Dr. Nihar Ranjan Sarkar	MBBS, MD	Associate Professor
Dr Archana Singh	MBBS, MD	Associate Professor
Dr. Sumit Chakraborty	MBBS, MD	Assistant Professor
Dr. Samir Rana	MBBS, MD	Assistant Professor
Dr Sudipta Saha	MBBS, MD	Assistant Professor
Dr Samiran Samanta	MBBS, DMRD	Clinical Tutor
Dr Dinendra Kr.Saha	MBBS, MS	Clinical Tutor
Dr. Susanta Singha	MBBS	Clinical Tutor
Dr. A K M Wasim Rahman	MBBS	Clinical Tutor
Dr. Koushik Bairagi	MBBS	Clinical Tutor

Postgraduate (MD) trainees

3rd Year (2016-2019)	2 st Year(2017-2020)	1 st Year(2018-2021)
Dr. Annapurna Patwari Dr. Taraknath Biswas Dr. Dinabandhu Dey Dr. Jyotish Roy Dr. Bijayalaxmi Gayari Dr. Krishnendu Deb(MOTR) Dr. Lakshmi Ram Mahali(MOTR) Dr. Debanu Dey	Dr. Supriyo Das Dr. Manjur Hossain Dr. Indrani Basak Dr. Chandrima Mandal Dr. Antara Dasgupta Dr. Susmita Mahata(MOTR) Dr. Pallabi Sinha Dr. Sangeeta Das	Dr. Susanta Pramanik Dr. Rahul Roy Dr. Rahul Sarkar Dr. Soumya Jyoti Dutta Dr. Tusar Kumar Das Dr. Indrajit Gayen Dr. Arbind Kumar Singh Dr. Anasuya Mukherjee Dr. Abhishek Biswas Dr. Soumya Adhya Dr. Akul Saurav

FACULTY NEWS

Prof. Dr . Utpalendu Das

- Head of the Department of Radiodiagnosis, IPGME&R and SSKM Hospital
- Internal Examiner and Chairperson of MD Radiology WBUHS
- External Examiner of MD Radiology of different states.
- Attended IRIA State and National Conferences in 2018.
- Teaching of M.D. students.
- Thesis guide of P.G. students.

Prof. Dr. Madan Karmakar

- Guide & Co-guide of Thesis Papers of P.G. Students of Radiology.
- Teaching of M.D. and D.R.D. (Tech) students.
- Attended IRIA State and MSK Conference in 2018.

Dr. Nihar Ranjan Sarkar

- Guide & Co-guide of Thesis Paper of P.G. Students of Radiology and dermatology.
- DRD Examiner of State Medical Faculty, West Bengal 2018.
- Teaching of M.D. and D.R.D. (Tech) students.
- Attended IRIA State and MSK Conference in 2018.

Dr. Archana Singh

- Co-guide of Thesis Paper of P.G. Students of Radiology and G&O.
- DRD Examiner 2018 of State Medical Faculty, West Bengal 2018.
- Teaching of M.D. and D.R.D. (Tech) students.
- Attended IRIA State Conference in 2018

Dr. Sumit Chakraborty

- Teaching of M.D. and D.R.D. (Tech) students.
- Examiner of DRD of State Medical Faculty, West Bengal 2018
- Attended IRIA State Conference in 2018

Dr. Sudipta Saha

- Teaching of M.D. and D.R.D. (Tech) students.
- Attended IRIA State Conference in 2018.

Dr. Samir Rana

- Teaching of M.D. and D.R.D. (Tech) students.
- Attended IRIA State Conference in 2018.

Dr. Samiran Samanta

- Attended IRIA state and national conferences in 2018.
- Teaching of DRD & MD students.
- Non-vascular Intervention

Dr. Dinendra Kumar Saha

- DRD Examiner of State Medical Faculty, West Bengal 2018
- Teaching DRD Students of IPGME&R.

Dr. Susanta Singha

- Teaching DRD Students of IPGME&R.

Dr. A K M Wasim Rahman

- Teaching DRD Students of IPGME&R.

Dr. Koushik Bairagi

- Teaching DRD Students of IPGME&R.

Regular academic activity

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

Thesis work submitted in 2018

Dr. Annapurna Patwari	Pre-operative assessment of perianal fistula by MR Fistulogram and its correlation with Operative findings and post-operative outcome.
Dr. Bijaya L Gayari	Computed Tomographic Evaluation of Nose and paranasal sinus pathology to correlate pre and intra operative findings of functional endoscopic sinus surgery(FESS)
Dr. Dinabandhu Dey	Role of diffusion weighted imaging (WDI) in magnetic resonance Enterography (MRE) for evaluating disease activity in inflammatory bowel disease patients.
Dr. Debanu De	Role of high resolution diagnostic ultrasound in differentiation of various thyroid nodule along with US-guided cytopathological correlation.
Dr. Jyotish Roy	Evaluation of Carotid Artery Stenosis with high Resolution colour Doppler Study and CT Angiography : Comparison with DSA
Dr. Krishnendu Deb	Correlation of white matter mapping and diffusion tensor imaging in hypoxic Ischaemic Encephalopathy with Neuromotor outcome at 6 month of age.
Dr. Lakshmi Ram Mahali	Role of diffusion and perfusion Weighted MRI in early Axial Spondyloarthritis of Sacroiliac joint.
Dr. Taraknath Biswas	MRI LS spine for Symptomatic Lumbar Spondylosis clinico-radiological & EMG – NCV correlation .

Thesis work ongoing

Dr. Supriya Das	Assessment of locoregional spread of carcinoma cervix by pelvic MRI.
Dr. Manjur Hossain	MR Imaging of Brain in Children Under 5years Age with history of Hypoxic-Ischaemic Encephalopathy at Birth : A Clinico-Radiological Correlative Study
Dr. Indrani Basak	MRI Evaluation of patellofemoral instability : Assessment of various predisposing factors and associated knee joint injuries.
Dr. Chandrima Mandal	Comparative Study of MRI and HR-USG with Colour Doppler for characterizing atherosclerotic plaques in extracranial carotid artery.
Dr. Antara Dasgupta	Assessment of Lumbosacral Transitional vertebrae by X-Ray and MRI.
Dr. Susmita Mahata (MOTR)	Assessment of neural foramina by MRI in case of lumbar radiculopathy and its clinical correlation.

Dr. Pallabi Sinha	Role of Diffusion weighted imaging (DWI) in screening sequence of Cryptorchidism.
Dr.Sangeeta Das	Role of Ultrasound Evaluation of Varied Ovarian Morphology in Clinically and Biochemically Diagnosed Polycystic Ovarian Disease.

Departmental Publications

01. A rare type – IVA Choledochal Cyst in Adult Patient : Case Report.	Jyotish Roy, Sudipta Saha, Bijaya Lakshmi Gayari, Debanu De.	PJR, July – September 2018 ; 28(3): 243-245
02. Leukoencephalopathy with cerebral calcifications and cysts in a young adolescent female: a case report	Dinabandhu Dey, Sudipta Saha, Antara Dasgupta	PJR October - December 2018; 28(4): 329-332

SERVICE INFORMATION

COVENTIONAL X-RAY

Period	Total cases	Total exposures	15x12 Film	12x10 Film	10x8 Film			
DEC,2017 to NOV'2018	28499	30310	22515	9492	2311			
IVU	Barium Meal	Barium Swallow	Barium Enema	Distal Cologram	Fistulogram	ASU & MCU	T-Tube	HSG
180	128	108	24	36	48	456	60	0

ULTRASONOGRAPH & MRI (3 Tesla)

Period	USG Total cases	MRI Total cases	MRI Total investigations
DEC'17 to NOV'18	85676	10447	11695

Radiotherapy

FACULTY

Dr. Siddhartha Basu	DMRT, MD (RT)	Professor & Head
Dr. Santanu Pal	MD (RT)	Professor
Dr. Alope Ghosh Dastidar	MD (RT)	Professor
Dr. Bidhisha Ghosh Naskar	DCH, MD (RT)	Associate Professor
Dr. Koushik Chatterjee	MD (RT)	Associate Professor
Dr. Kiran Shankar Bhattacharya	MD (RT)	Assistant Professor
Dr. Anindya Chakraborty	MD (RT)	Assistant Professor
Dr. Bikramjit Chakrabarti	MD (RT), DNB	Assistant Professor
Dr. Sumana Maiti	DCH, MD (RT)	Assistant Professor
Dr. Anindya Sarkar	MD (RT)	Assistant Professor
Dr. Harris Mohammad Sepai	MD (RT), DNB	RMO cum Clinical Tutor
Dr. Pratyusha Mukherjee	MD (RT)	RMO cum Clinical Tutor

Medical officers

Dr. Chandan Banerji	DGO, DMRT	Medical Officer
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Medical physicists cum RSO

Mrs. Somapriya Basu Roy	PhD (Sc), Dip in Radiological Physics	Physicist-cum-RSO
Mr. Sanjay Kumar Kar	M. Sc (Physics), Dip in Radiological Physics	Physicist-cum-RSO

Junior Residents

Course MD (RT)		
1 st year	2 nd year	3 rd year
Sourav Kumar Jha Neena Prasad. S Pranab Debsingha Kunal Kishor Gupta Asit Pramanik Subhayan Saha	Victor Modal Upasana Kundu Lakshmi R Senoi Rajarshi Goswami Susmita Biswas Amit Bala	Amit Saklani Bidhan Chandra Mondal Annesa Lahiri Arnab Roy Suman Meyur

Course DMRT	
1 st year	2 nd year
Dr. Mani Tirthankar Das Dr. Somsubhra Das Dr. Kushal Sen	Dr. Neerajita Paul Dr. Saikat Bhowal Dr. Soumendu Bannerjee Dr. Amit Bala

New postings

1. Dr Anindya Sarkar joined as Assistant Professor following transfer from NBMC&H.
2. Dr. Koushik Chatterjee joined our department as Associate Professor on detailment from NBMC&H.

FACULTY NEWS

Prof. Siddhartha Basu

- Thesis guide for MD (Radiotherapy) students.
- Examiner for MD (RT) Examinations for WBUHS, RIMS.
- Attended national level conferences.
- Elected President Oncological Society of Bengal.

Prof. Santanu Pal

- Thesis guide for MD (Radiotherapy) students.
- Examiner for MD (RT) examination of WBUHS.
- President of Association of Radiation Oncologists of India, West Bengal Chapter.
- Vice-President of Association of Radiation Oncologists of India.

Prof. Alope Ghosh Dastidar

- Thesis guide for MD (Radiotherapy) students.
- Examiner of WBUHS.
- Examiner for MD Radiotherapy of Assam University and Osmania University, Hyderabad.
- Attended international & national level conferences.
- Published in national and international journals.

Dr. Koushik Chatterjee

- Attended international & national level conferences.

Dr. Anindya Chakraborty

- Attended national & state conferences & workshop.

Dr. Bikramjit Chakraborti

- Attended national & state conferences & workshop.

Dr. Sumana Maiti

- Attended national & state conferences & workshop.

Dr. Anindya Sarkar

- Attended national & state conferences & workshop.

Dr. Harris Mahammad Sepai

- Attended national & state conferences & workshop.

Dr. Pratyusha Mukherjee

- Attended national & state conferences & workshop.

Publications from the department

1	An audit of Gastrointestinal Stromal Tumors from a tertiary medical college hospital in eastern india	Samrat Dutta, Bidisha Naskar Ghosh, Rupsha Dutta Pal, Prashant Pandey, Madhumita Mukhopadhyay, Amit Saklani, Kaustav Chatterjee	Asian Journal of Oncology January-June 2018 Volume 4 Issue 1
2	Clinical and dosimetric consequences of imperfect applicator insertion in cervical cancer brachytherapy.	Bikramjit Chakraborti, Suparna Kanti Pal, Harris Mahammad Sepai, Somapriya Basu-Roy, Sanjoy Kumar Kar	Journal of Contemporary Brachytherapy Aug 2018
3	Estrogen receptor and progesterone receptor status of breast cancer patients of eastern India: A multi-institutional study	Koushik Chatterjee, Gautam Bhaumik, Bhargab Chattopadhyay	South Asian Journal of Cancer 2018 Jan-March

4	A study on optimization of dose distribution by altering dose prescription points in post mastectomy hypofractionated chest wall irradiation	Sumana Maiti, Suman Meyur , Suparna Kanti Pal, Pritam Kumar Sardar, Bidhan Chandra Mandal, Siddhartha Basu	Biomedicine journal Oct-Dec 2018
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Conference presentations from the Department

Conference	Presentation	Speaker	Designation
Indian Medical Women Association Conference 2018	Carcinoma breast: screening, diagnosis and overview of management	Dr. B. N. Ghosh	Associate Professor
Indian Breast Cancer Conference 2018 at Jaipur	Risk factors of breast cancer among patients attending radiation oncology department, IPGME&R, Kolkata	Dr. Saikat Bhowal	2nd year PGT
Bengal cancer summit 2018, Kolkata	Risk factors of breast cancer among patients attending radiation oncology department, IPGME&R, Kolkata	Dr. Saikat Bhowal	2nd year PGT
VI Annual conference of Young Radiation Oncologists of India 2018, 13th International conference of Asian Clinical Oncology Society, Chiang Mai, Thailand and AROI West Bengal 2018	Growing burden of cancer in West Bengal: a retrospective study	Dr. Annesha Lahiri	3rd year PGT

Academic schedule

Radiotherapy as a teaching department has regular classes, journal clubs, seminars and panel discussion as per pre-notified schedule.

Apart from this, the Department of radiotherapy arranged various Continuing Medical Education programs for oncologists including multidisciplinary programs.

SERVICE INFORMATION

Radiotherapy OPD runs 6 days a week. No of beds in indoor is 60.

- The department conducts Tumour board every Tuesday and Friday. All admissions compulsorily require recommendation by Tumour board.
- The Department has a Cobalt 60 Bhabatron II machine for EBRT, Neucleotron Micoelectron (HDR Ir 192), and a Phillips Brilliance wide bore CT Sim.
- The Department has started CT guided core biopsy of lung lesions in collaboration with pathology department.

Statistics from 1st January 2018 to 30th November 2018

- New patients in OPD – 3784 (11 Months)
- Total patients in OPD – 35368 (11 Months)
- Total no patients admitted – 6890 (11 Months)
- No of patients receiving chemotherapy at indoor- 6561 (11 Months)
- No of brachytherapy procedures performed – 630 (11 Months)
- No of patients treated with EBRT – 981 (11 Months)
- No of Chemotherapy as day care basis – 3641 (11 Months)
- Patients for Tumour Board- 2112 (11 Months)

Rheumatology

FACULTY

Professor & Head	Dr. Alakendu Ghosh, DNB (Medicine), FRCP (Lond.)
Professor	Dr. Parasar Ghosh, MD (Medicine), DM (Clinical Immunology)
Associate Professor	Dr. Pradyot Sinhamahapatra, MD (Medicine), DNB (Medicine)
	Dr. Biswadip Ghosh, MD (Medicine)
	Dr. Geetabali Sircar, MD (Medicine), DM (Rheumatology)
Assistant Professors	Dr. Subhankar Haldar, MD (Medicine)
	Dr. Hira Manik Sit, MD (Medicine)
Radiologist	Dr. Atanu Pal, MD (Medicine), DM (Nephrology)
	Dr. Partha Ghorai, MD (Medicine), DM (Neurology)
	Dr. Debasish Lahiri MBBS, DMRD

DM Residents, SR, Housestaff

DM Student 3rd Year	Dr. Deepak Rath
	Dr. Dipendra Nath Ghosh
DM Student 2nd Year	Dr. Ankit Patawari
	Dr. Basil Paul
DM Student 1st Year	Prashant Dudhagara
	Soumya Dey

PhD Scholars

PhD Scholars, SRF, JRF	Ayindrila Saha Basak Sanchaita Misra Sudipta Chatterjee Dipanjan Bhattacharjee Sulagna Chatterjee Satarupa Dutta
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Sisters

Indoor/Outdoor/Day care	Chhanda Dev – Sister in charge Rheumatology Department Sumita Hore Ranjana Dutta Sudeshna Banerjee Keka Panchadhyai Kaberi Dey Jhulan Ghorai
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Lab and Office staffs

Laboratory Technician	Halim Molla Tamali Mondal V. Sarita Patnayk	ikash Chandra Purkait Reshmi Pal Mita Karu
Clerical Staff (Non-Govt., from Project)	Gita Rani Ghosh Roy Sudip Das	
DXA Technician (Non-Govt., from Project)	Sandip Das	

Group-D Staffs (From Sainik Board)	Joydeb Dhar Monishankar Halder Gita Biswas
Group-D Staffs (Non-Govt., from Project)	Vinod Mallick

PATIENT CARE SERVICES

SERVICES	DETAILS	FREQUENCY	VOLUME
Outpatient services	Rheumatology OPD	Thrice/week (Monday, Wednesday & Friday)	300 -450 per day
	Lupus clinic	Once/week (Tuesday)	140-200 per week
	Early Arthritis clinic/Scleroderma clinic/Vasculitis clinic/Biologics board	Once/week (Thursday)	70 -100 per week
	Pediatric Rheumatology	Once / Week (Thursday)	20-25 per visit
Indoor (Male & Female)	2 nd Floor & 3 rd Floor	Monday to Saturday	70-80 per month
Day Care	Intra Articular Injection Nerve Biopsy / Muscle Biopsy Injection Endoxon Intravenous Injection Biologicals Lip biopsy		330-365 such/month 2-3 such/month 80-90 such/month 15-20 such/month 3 per week
Imaging	BMD DEXA MSK-USG/PDUS Kidney biopsy –USG guided USG – guided Intra articular injection	Twice/week (Tuesday & Thursday) Monday to Saturday Monday & Friday	30 -40 per week 80-90 per week 20-30 such/month 10 -15 per week
Laboratory services	Autoantibody and other immunological tests including ELISA, Nephelometry 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), Myositis profile, Systemic Sclerosis profile, Liver profile, MPO, PR3, Anti Ro(SSA), Anti La(SSB), Anti Cardiolipin Ab-IgA, IgM, IgG; Anti β2 Glycoprotein Ab-IgA, IgM, IgG; ANCA(cANCA, pANCA), Ferritin, 25(OH) VitD, ASMA, AMA, LKM, Cryoglobulin, Cryofibrinogen, etc.		Done regularly

Academic activities

	Details
Morning session	<ol style="list-style-type: none"> 1) Seminars on every Monday 2) Journal club and journal scan on every Tuesday 3) Seminars on basic research in Immunology on every Wednesday 4) Seminars on recent advances on every Friday by PDTs and Faculties
Afternoon session	<ol style="list-style-type: none"> 1) Interactive case presentation by PDTs on every Thursday

Achievements and Support

	Details
RHEUMATOLOGY TRAINING	<ul style="list-style-type: none"> DM passed this year: Dr. Geetabali Sircar and Dr Debanjali Sinha PhD awarded this year: Sampurna Roy Chowdhury.
RESEARCH GRANTS	<ol style="list-style-type: none"> 1. Delineating the therapeutic effectiveness of theaflavin-3,3-digallate (TF3) – an active compound of black tea (<i>Camelia sinensis</i>) by inhibiting angiogenesis and inducing apoptosis in the synovial fibroblasts of RA patients. Code No. NTRF:174/2015 : National Tea Research Foundation 2. Association of Periodontitis in patients with Rheumatoid Arthritis and their therapeutic impact on RA disease activity with special reference to characterization of the causative microorganism. Department of Science & Technology, Government of West Bengal. 3. Evaluation of inflammation in primary osteoarthritis of knee and its therapeutic response to methotrexate. Department of Science & Technology, Government of West Bengal. 4. Evaluating endothelial dysfunction through altered NO bioavailability in ankylosing spondylitis - BRNS funded. 5. Multi-institutional Network Program on Systemic lupus Erythematosus Understanding the diversity of SLE - sponsored by Department of Bio-Technology (DBT), Ministry of Science & Technology, Govt. of India. (order no. BT/PR23111/MED/30/1852/2017, dated 31st August, 2018).
DST-FIST SUPPORT	DST FIST SPONSOR : DST – FIST infrastructural support for expanding its academic and research purpose and the same was sanctioned by DST. Completed

Books & Publications

- PSAG Sanchaita Misra, Sumantra Mondal, Sudipta Chatterjee, Aharna Guin Association of Angiogenic and Inflammatory Markers with Power Doppler Ultrasound Vascularity Grade and DAS28-CRP in Early Rheumatoid Arthritis: A Comparative Analysis. BioMed Research International 2018
- AG Debanjali Sinha, Sumantra Mondal*, Arijit Nag, Debasish Lahiri. Clinical and doppler monitoring of patients with Takayasu arteritis with ITAS 2010 and CDUS - K score respectively following medical intervention: a 12 months follow – up. International Journal of Research in Medical Sciences 6 (11), 3602-3606
- GA Mondal S, Dutta S, Lahiri D, Sinha D, Sircar G, Mandal AK, Kejriwal M. Assessment of nail unit structures by ultrasound in patients with psoriatic arthritis and their correlations with disease activity indices: a case-control study. Rheumatol Int. 38 (11), 2087-2093.
- MB Arijit Nag, Shounak Ghosh, Debanjali Sinha, Sumantra Mondal, Siddhartha. Ultrasonography of knee joint in hemophilia A: what the eyes cannot see. Indian Journal of Hematology and Blood Transfusion.
- AG Sumantra Mondal, Debanjali Sinha, Parasar Ghosh. Forearm myo-fasciitis and arthritis in a female with metastatic ovarian carcinoma. Rheumatology, <https://doi.org/10.1093/rheumatology/key087>
- AG Rudra Prosad Goswami, Sumantra Mondal, Debanjali Sinha, Geetabali Sircar. Osteonecrosis and intra-articular fat deposition in a patient with polyarteritis nodosa on high-dose glucocorticoid therapy. Indian Journal of Rheumatology 12 (1), 52-53
- S Mondal D Rath D Sinha D Lahiri P Ghosh A Ghosh Lung cancer, clubbing and hypertrophic pulmonary osteoarthropathy
- Kaushik Mukhopadhyay, Parasar Ghosh, Partha Ghorai, Avijit Hazra, Amal Kanti Das. Oxaceprol versus tramadol for knee osteoarthritis: A randomized controlled trial. Indian Journal of Pharmacology 2018.

School of Digestive and Liver Diseases and Department of Hepatology

FACULTY

Medical Gastroenterology:

- Prof. Gopal Krishna Dhali
- Prof. Kshaunish Das
- Dr. Rajib Sarkar
- Dr. Partha Sarathi Patra
- Dr. Debashis Misra
- Dr. Arka Banerjee
- Dr. Goutam Ray

Hepatology and Center of Liver Research:

- Prof. Amal Santra
- Prof. Abhijit Chowdhury
- Dr. Kausik Das
- Dr. Soma Banerjee
- Dr. Simant iDatta
- Dr. Mahiuddin Ahammed
- Dr. Saptarishi Bisnu
- Dr. Suparna Pal

G.I. and Liver Pathology:

- Dr. Ranajoy Ghosh
- Dr. Aniket Halder

GI Surgery:

- Prof. Sukanta Ray
- Dr. SumitSanyal
- Dr. Somak Das
- Dr. Tuhin Suvra Mandal

GI Anaesthesia:

- Dr. Tapas Ghosh
- Dr. Dibyendu Gharai
- Dr. Saikat Bhattacharjee

GI Radiology:

- Dr. Avik Sarkar

B. Students/Trainees/Fellows:

- | | |
|--|----|
| • Senior Resident (Post DM) | 04 |
| • DM (Medical Gastroenterology & Hepatology) | 16 |
| • Mch (Surgical Gastroenterology) | 03 |
| • Students pursuing PhD | 12 |
| • Students awarded PhD degree | 02 |

C. Medical Officers:

- | | |
|----------------|----|
| • GI Surgery | 01 |
| • GI Radiology | 02 |

List of ongoing Scientific Research Projects

[Post Graduate and Post-Doctoral Dissertations not included in the list]

SN	Project Title	Name of the PI	Name of the funding agency
1..	Crohn's Disease in INDIA: A multicenter study from country where intestinal tuberculosis as well as Crohn's disease is endemic.	Dr. Gopal Krishna Dhali	ICMR
2.	"To identify and validate functionally variants in immune genes as predictor and microRNA restricting those genes as therapeutic for alcohol induced liver diseases: as in vitro and in vivo study."	Dr. Abhijit Chowdhury	Department of Biotechnology, Government of India
3.	Identification of a non-invasive biomarker to distinguish patients with Intestinal tuberculosis (ITB) and Crohn's disease (CD) from integrated mRNA and microRNA transcriptome sequencing	Dr. Soma Banerjee	West Bengal Department of Biotechnology from 2017-2020
4.	Integrative analysis of miRNA and mRNA in liver tissues and exosomes from blood of hepatitis C virus (HCV) related hepatocellular carcinoma (HCC) patient to identify biomarker and regulators of HCC	Dr. Soma Banerjee	Department of Biotechnology, Government of India from 2015-2018
5.	Study to understand the importance and contribution of telomere, telomeric proteins and telomerase in the development of hepatocellular carcinoma	Dr. Soma Banerjee	Council of Scientific and Industrial research, Government of India
6.	To study the role of tumor microenvironment (TME) in the pathogenesis of hepatocellular carcinoma (HCC) and prediction of potent therapeutic target	Dr. Soma Banerjee	Department of Biotechnology, Government of India, from 2017-2020
7.	Insights into the modulation of adaptive and innate immune responses by myeloid derived suppressor cells during chronic HBV infection	Dr. Simanti Dutta	Department of Biotechnology, Government of India, from 2017-2020
8..	Viral quasispecies diversity and associated peripheral and intrahepatic immunological events in Indian patients during different phases of chronic HBV infection- an insight into disease evolution	Dr. Simanti Dutta	Department of Science and Technology, West Bengal, from 2015-2018
9.	Tracing the role of Myeloid Derived Suppressor Cells in HBV immunopathogenesis	Dr. Simanti Dutta	Department of Biotechnology, Government of West Bengal from 2015-2018

PUBLICATIONS IN 2018:

1. **Somenath Datta***, **Debanjali Dasgupta***, Alip Ghosh, Suchandrima Ghosh, Alak Manna, Simanti Datta, Mitali Chatterjee, Abhijit Chowdhury, Soma Banerjee. Oncogenic potential of hepatitis B virus subgenotype D1 surpasses D3: significance in the development of hepatocellular carcinoma. **Carcinogenesis**. 2018;39, 283-292. ***Both the authors contributed equally.**
2. **Khatun M**, Mondal RK, Pal S, Baidya A, Bishnu D, Banerjee P, Santra AK, Dhali GK, Banerjee S, Chowdhury A and Datta S. Distinctiveness in virological features and pathogenic potentials of subgenotypes D1, D2, D3 and D5 of Hepatitis B virus. **Sci Rep**. 2018; 8: 8055.
3. Bishnu S, Ahammed SM, Sarkar A, Hembram J, Chatterjee S, Das K, Dhali GK, Chowdhury A, Das K. Effects of atorvastatin on portal hemodynamics and clinical outcomes in patients with cirrhosis with portal hypertension: a proof-of-concept study. *Eur J Gastroenterol Hepatol*. 2018 Jan;30(1):54-59.
4. Barik A, **Das K, Chowdhury A**, Rai RK. Metabolic syndrome among rural Indian adults. *Clin Nutr ESPEN*. 2018 Feb;23:129-135.
5. Rai RK, Jaacks LM, Bromage S, Barik A, Fawzi WW, **Chowdhury A**. Prospective cohort study of overweight and obesity among rural Indian adults: sociodemographic predictors of prevalence, incidence and remission. *BMJ Open*. 2018 Aug 30;8(8):e021363.

Invited Lectures in meeting/conference by Faculties:

Invited Lecture by **Dr. Soma Banerjee** in 37th **Indian Association for Cancer Research (IACR), Kolkata Chapter, March, 2018**. Title was "Oncogenic potential of hepatitis B virus subgenotype D1 surpasses D3: significance in the development of hepatocellular carcinoma"

Oral and Poster presentation in International meeting by Students and award received

1. **Poster presentation in The Liver Meeting by American Association for the Study of Liver Diseases (AASLD) held from 9th November-13th November, 2018 in San Francisco, USA:** "A Novel microRNA restricts hepatitis C virus infection through restoration of β -Oxidation of fatty acids by impeding CEP350 and inducing activity of PPAR α " (Poster No. 1026) by **Suchandrima Ghosh**. She has received travel grant from **Indian Society of Gastroenterology, Kolkata chapter**.
2. **Poster presentation in 2018 International Meeting on Molecular Biology of Hepatitis B Viruses, held at Palazzo dei Congressi, Taormina (Messina), Italy, from 3rd to 6th October, 2018:** "Natural variation in susceptibility of different D-subgenotypes of Hepatitis B virus (HBV) to Tenofovir" (Poster No.-215) by **Mousumi Khatun**. She has received travel grant award from meeting organizers.
3. **Oral presentation in the 27th Annual Conference of Asian Pacific Association for the study of Liver (APASL) held from 14th March-18th March, 2018 in New Delhi, India:** "Protective Role of a novel microRNA in liver against Hepatitis C infection and disease progression" by **Suchandrima Ghosh**.
4. **Oral presentation in the 11th edition of the annual Global Healthcare Summit organized by the American Association of Physicians of Indian Origin (AAPI), held at Kolkata, West Bengal, India on December 30, 2017:** "Myeloid-Derived Suppressor Cells mediate regulatory T Cell induction by TGF- β And IL-10 driven pathways In Chronic HBV infection" by **Ms. Sourina Pal**.
5. **Poster presentation in the 11th edition of the annual Global Healthcare Summit organized by the American Association of Physicians of Indian Origin (AAPI), held at Kolkata, West Bengal, India on December 30, 2017:** "Distinctiveness in virological features and pathogenic potentials of sub-genotypes D1, D2, D3 and D5 of Hepatitis B virus" by **Ayana Baidya**.

6. **Poster presentation in the 11th edition of the annual Global Healthcare Summit organized by the American Association of Physicians of Indian Origin (AAPI), held at Kolkata, West Bengal, India on December 30, 2017:**
"Down Regulation of A Novel MicroRNA Promotes HCV Infection by Inhibiting Fatty Acid β -Oxidation" by **Suchandrima Ghosh**.

Oral and Poster presentation in national meeting and award received

1. **Poster presentation in Frontiers in Biotechnology, 12th October, 2018 St. Xavier's College:** "Myeloid-Derived Suppressor Cells induce Regulatory T cells in chronically HBV infected patients with high levels of hepatitis B surface antigen and persist after antiviral therapy" by **Sourina Pal** and received **1st Prize**.
2. **Poster presentation in Frontiers in Biotechnology, 12th October, 2018 at St. Xavier's College:** "A Novel microRNA restricts hepatitis C virus infection through restoration of β -Oxidation of fatty acids by impeding CEP350 and inducing activity of PPAR α " by **Suchandrima Ghosh** and received **1st Prize**.
3. **Poster presentation in Frontiers in Biotechnology, 12th October, 2018 at St. Xavier's College:** "Distinctiveness in virological features and pathogenic potentials of subgenotypes D1, D2, D3 and D5 of Hepatitis B virus" by **Ayana Baidya** and received **2nd Prize**.
4. **Oral presentation in Society of Biological Chemist, Kolkata Chapter, 8th September, 2018 at Amity University:** "Myeloid-Derived Suppressor Cells induce Regulatory T cells in chronically HBV infected patients with high levels of hepatitis B surface antigen and persist after antiviral therapy" by **Sourina Pal**.
5. **Oral presentation in Society of Biological Chemist, Kolkata Chapter, 8th September, 2018 at Amity University:** "A Novel microRNA restricts hepatitis C virus infection through restoration of β -Oxidation of fatty acids by impeding CAP350 and inducing activity of PPAR α " by **Suchandrima Ghosh**.

Workshop attended by students

BD-NCBS Center of Excellence Course-2018 Workshop from 7th-10th August, 2018 in NCBS, Bangalore by Debangana Dey.

Students registered for Ph.D. course in 2017-2018

1. Sayantani Bhowmik is registered in Department of Biochemistry under University of Calcutta under supervision of Dr. Soma Banerjee.
2. Susree Roy is registered in Department of Biochemistry under University of Calcutta under supervision of Dr. Soma Banerjee.
3. Ayana Baidya is registered in Department of Zoology under University of Calcutta under supervision of Dr. Simanti Datta.
4. Debangana Dey is registered under West Bengal University of Health sciences, Kolkata under supervision of Dr. Simanti Datta.

Students awarded for Ph.D. degree in 2017-2018

1. Amit Ghosh was awarded Ph.D degree by West Bengal University of Health Sciences, Kolkata.
2. Madhuparna Nandy was awarded Ph.D degree by West Bengal University of Health Sciences, Kolkata.

Thesis Submitted for Ph.D. Degree

- Bidhan K Chakraborty has submitted his thesis in West Bengal University of Health Sciences, Kolkata.
- Mausumi Khatun has submitted her thesis in West Bengal University of Health Sciences, Kolkata.

SERVICE INFORMATION

OPD and In-patient service provided:			
	New Patients	Old Patients	Total patients
OPD Service:			
GE OPD	71093	29671	100764
Hepatology OPD	10316	16641	26957
GI Surgery OPD	1994	3661	5655
Pediatric Gastroenterology	2119	1883	4002
IBD clinic	939	1271	2210
Pancreatic Clinic	326	913	1239
Indoor admission:			
GE Indoor admission	-	-	1630
Hepatology Indoor admission	-	-	748
GI Surgery Indoor admission	-	-	498

Endoscopy Service :	
Procedure	Number
Upper GI Endoscopy Diagnostic	11121
Upper GI Endoscopy Therapeutic	1617
Colonoscopy	2497
ERCP	1398
APC	231
Esophageal Dilatation	737
Fibro Scan	836
Liver Biopsy	349
Endoscopic Ultrasound	134
Double Balloon Enteroscopy	24
Radiology Service :	
Procedure	Number
Diagnostic Ultrasound	10124
PTBD	29
PCD	116
Diagnostic/therapeutic vascular intervention	0
NJ tube insertion	11
HVPG	0
Pathology Service :	
Procedure	Number
Surgical Biopsy	352
Endoscopic Biopsy	1744
FNAC	704
Frozen section	64
Review biopsy	129
Peripheral Blood Smear	46

Liver ITU Service :	
	Number
Admitted	176
Death	39

Gastro Surgery Service :	
Operative procedures	Number
Surgery for Chronic Pancreatitis	58
Whipple's Operation	55
Biliary Stricture	23
Recurrent Pyogenic Cholangitis	15
Extended Cholecystectomy	09
Lap/ Open Cholecystectomy	36
CBD Exploration	05
Pancreatic Necrosectomy	11
Colon Pull Up	10
L-R Shunt	18
Liver Resection	35
Colon/ Rectum	29
Stomach/ Esophagus	38
Excision of Choledochal Cyst	27
Liver Transplantation	06
Miscellaneous	55
Total	430

SURGERY

FACULTY

Prof. Bitan Kumar Chattopadhyay	MS (Cal)	Professor and Head
Prof. Makhan Lal Saha	MS (PGI)	Professor
Prof. Prabhas Kumar Sarkar	MS (Cal)	Professor
Prof. Abhimanyu Basu	MS (Cal)	Professor
Prof. Amitabha Sarkar	MS (Cal)	Professor
Prof. Prosanta Kumar Bhattacharya	MS (Cal)	Professor
Prof. Diptendra Kumar Sarkar	MS, DNB, FRCS (Edin)	Professor
Dr. Santanu Sinha	MS (Cal)	Associate Professor
Dr. Rinki Das	MS (WBUHS), MCh (Surgical Gastroenterology)	Associate Professor
Dr. Sunanda Dey	MS (Cal)	Assistant Professor
Dr. Sourabh Das	MS (Cal)	Assistant Professor
Dr. Gourav Narjinari	MS (Cal)	Assistant Professor
Dr. Pritin Kumar Bera	MS (Cal)	R.M.O. cum Clinical Tutor
Dr. Avijit Ray Mandal	MS (Cal)	R.M.O. cum Clinical Tutor
Dr. A Mukherjee	MBBS (Cal)	Medical Officer

Transfers and Promotions

- Dr. Susnata Dey, Dr. Soumen Das, and Dr. Partha Sarathi Ghosh, Assistant Professors and Dr. Asif Ayaz, Dr. Koustav Mandal, Dr. Bappaditya Sarkar AND Dr. Somnath Biswas, R.M.O. cum Clinical Tutors, have been transferred to different other institutions on promotions to their next higher posts.
- Dr. Saibal Chakroborty, R.M.O. cum Clinical Tutors, has resigned from the service this year.
- Dr. Soumen Sanfui and Dr. Sarvesh Gupta have resigned from the posts of Senior Residents after completion of their one-year terms.
- Dr. Rinki Das, Associate Professor, has re-joined the Department after completion of her training and passing the MCh (Surgical Gastroenterology) from PGI, Chandigarh.
- Dr. Lydia Prusty, Dr. Suyas Bajoria and Dr. Indra Prakash Mandal have joined the Department as Senior Residents.

Postgraduate (MS) Trainees

Session 2016-19	Session 2017-20	Session 2018-21
Dr. Kumar Sonal Dr. Rudradeep Banerjee Dr. Fermin Iswary Dr. Anirban Basu Dr. Ronmita Pal Dr. Sandipan Purokait Dr. Sukanta Chakroborty Dr. Indranil Chakroborty Dr. Monoj Ghosh Dr. Viswa Pakash Das Dr. Tamaghna Pal Dr. Radharaman Mandal Dr. Susangata Choudhury Dr. Susom Das	Dr. Monalisha Khan Dr. Chowdhury Sirajul Islam Dr. Abdul Kayum Khan Dr. Senthil Raj Dr. Jitesh Midha Dr. Vidya Rani Jha Dr. Rishin Dutta Dr. Ahsan Kamal Dr. Oindrilla Biswas Dr. Bibaswan Maity Dr. Surajit Das Dr. Digonto Bodo Dr. Abinanandan Majumder Dr. Mainak Maitra	Dr. Ayush Keshav Singhal Dr. Saurabh Bhardwaj Dr. Pranomita Chakroborty Dr. Nilanjan Ghosh Dr. Jesintha Christina C Dr. Saikat Chakroborty Dr. Subhash Rana Dr. Kamaksha Prasad Dolui Dr. Debtanu Hazra Dr. Arko Prabho Nath Dr. Siddhartha Shankar Mishra Dr. P. Siva Kumar Dr. Anirudh M Dr. Abhishek Kumar Dr. Nibedita Ray Pramanik

		Dr. Arnab Nandy Dr. Neha Agarwal Dr. Niraj Anand Dr. Paban Kumar Mandal
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Departmental News (from 1st. November, 2017 to 31st. October, 2018)

Regular departmental academic schedule includes case discussions, clinical meetings, journal club meetings, topic seminars, periodic faculty and guest lectures, held 6 days a week. Department conducts regular Audit meetings on monthly basis. Teachers and students discuss and interact on several topics. Monthly examinations on theory papers on different topics are held on the last week day of every month. The total and average of these examinations is counted towards evaluation in the Annual Examination leading to awarding of the Medal to the postgraduates of the final year.

Faculties and the Post Graduate students of the department participated in the Modular Course for teaching postgraduate students undertaken by the West Bengal State Chapter of the Association of Surgeons of India held at Calcutta Medical Research Institute held in January, 2018 and Prof. B.K.Chattopadhyay took the inaugural address of the students with the inputs of the examination protocols and the ways for scoring high marks. He also took long case discussion on "Cervical Lymphadenopathy". Prof. M.L.Saha and Prof. D.K.Sarkar also took 'long case' discussions on major subjects of 'obstructive jaundice' and 'breast'.

Several faculties of the Department participated in the annual conference of the West Bengal State Chapter of the Association of Surgeons of India held at Sanjiban Hospital at Howrah, in March, 2018. Several faculties presented lectures and chaired several sessions.

In July, 2018, Post Graduates from the Department participated in the workshop on research methodology and biostatistics organized by the Medical Education Unit of the Institute.

Association of Surgeons of India, Headquarters as a part of their pan-India program organized Regional Refresher Course at AIIMS, Patna on 6th, 7th. and 8th. July, 2018. for the postgraduate students, selecting promising students from the Eastern region through a competitive test, to present Long and Short cases at the meet. In association with the other National teachers and the teachers from the other institutes of the state, our teachers also participated in a great way. Prof. B.K.Chattopadhyay taught 'Cervical Lymphadenopathy' and "Varicose Veins", Prof. M.L.Saha 'Obstructive Jaundice' and Prof. D.K.Sarkar "Breast Cancer"

Class Assistantship Examination for the 9th. Semester, 2014 batch with a same-day Theory and Oral-Practical Examination was held on 7th. August, 2018 from 12 noon to 4 PM at the Department of Surgery. Theory Examination comprised of 50(Fifty) single response Multiple Choice Questions of 1 mark each (without any negative marking for wrong response) for half an hour and five analytical questions of 10 marks each (one hour). A two-hour Oral-Practical Examination was held comprising of 10 stations of spotting of 50 Marks and two Long-Short cases of 25 Marks each, to be examined by the senior teachers of the Department (half an hour for each candidate).

The Department organized a three day program on the Clinical Surgery Updates for the Undergraduates in the auditorium of the institute attended by large number of students from different Medical Colleges of the state and outside. Video demonstrations of different clinical methods with theoretical discussions for each of the cases were undertaken by the senior teachers of the institute and outside.

SASICME, 2018, the annual CME of the West Bengal Chapter of the Association of surgeons of India was held at the auditorium of this institute in September, 2018 with the organization of the meet by the Department. Many of our teachers delivered the orations, lectures and participated in panel discussions.

FACULTY NEWS

Prof. Bitan Kumar Chattopadhyay

- Nominated as the Secretary of the Board of Studies in Surgery of the West Bengal University of Health Sciences, and is responsible for the formulation of policies regarding syllabus, dissertation, examination, and evaluation in both undergraduate and postgraduate courses of the University.
- Elected as the President of the West Bengal Chapter of the Association of the Surgeons of India in September, 2018
- Supervisor and adjudicator of different Ph. D Thesis work of the students of Calcutta University.
- Attended Regional Refresher Course, their pan-India program organized by the Association of Surgeons of India, Headquarters at AIIMS, Patna on 6th, 7th. and 8th. July, 2018. for the postgraduate students and took long case discussions on 'Cervical Lymphadenopathy' and "Varicose Veins",,
- Was associated with the organization of the Clinical Surgery Updates for the Undergraduates in this institute attended by large number of students from different Medical Colleges of the state and outside. Delivered the video demonstration of "How to take history and undertake General Survey Examination" several other national faculties.
- Was associated with the organization of the SASICME, the annual CME program of the West Bengal Chapter of the Association of Surgeons of India in this institute which was attended by large number of delegates from different parts of the state.
- Attended the SASICME, 2018, the annual CME of the West Bengal Chapter of the Association of surgeons of India held at this institute in September, 2018 and delivered the prestigious Prof. Amiya Kumar Sen Memorial Oration 2018 on "Molecular genetics of thyroid cancer – are they clinically significant?"
- Guided thesis work for postgraduate students, acted as chairman for the Oral-Practical part of M.S. Examination 2018 at the IPGMER Center,.
- Conducted the Oral-Practical part of 3rd. Professional Part II, M.B.B.S. Examination 2018 of the WBUHS at the IPGMER Center,
- Acted as adjudicator for large number of articles for the Indian Journal of Surgery, JIMA and several other journals.

Prof. Prosanta Kumar Bhattacharya

- External examiner MS (Gen Surg) at Guwahati Medical College, Dec '17—
- External examiner MS Gen Surg (Supply) at Guwahati Medical College, May 2018—
- External examiner MBBS at R G Kar Medical College, Feb 2018.—
- External examiner MBBS (Supply) at R G Kar Medical College, June 2018.—
- Examiner for DNB Surgery Practical examination at Osmania Medical College, Hyderabad: 28th to 30th Nov— 2018.
- Theses adjudicator of West Bengal Health Univrsity. SSUMS, Guwahati.—
- Examiner for DNB Surgery Practical examination at PGIMS, Raktak; 15th to 17th April 2018.—
- Paper setter for DNB Final examination (surgery) 09-05-2018—
- Faculty at validation of MCQ's for NEET SS (NBE)(05/06/2018)—
- Faculty at clinical surgery workshop at CMC, Kolkata 04-06-2018—
- One of the expert at PSC, Manipur for recruitment of medical officers by Govt. of Manipur 15th to 19th— July(07) 2018
- Delivered a speech on "Post Laparoscopic Cholecystectomy Incidental Cancer Gall Bladder" at a— Symposium on POSITIVE MARGINS AFTER SURGICAL RESECTION FOR CANCERS at SASICME 2018 (IPGMER) on 08.09.2018.
- Faculty (Clinical Examination of Varicose Veins) and Chairperson at "Clinical Surgery Update for— Undergraduates" at IPGMER, KOLKATA on 05/09/2018.
- Reviewer for International Journal of Surgery— International Journal of Surgery(IJS-D-17-01438); Jan'18 International Journal of Surgery(IJS-D-18-00072); Jan'18 International Journal of Surgery (IJS-D-18-00173); Mar '18 International Journal of Surgery(IJS-D-18-01229); Dec '18

- One of the participant of the survey titled The Audit Filters Delphi study of SSKM
- Publications:
 - Approach to a patient with post laparoscopic cholecystectomy bile leak. Jurnalul de chirurgie romania 14(1) 105-7 jan16, 2018 2. Management of carcinoma gallbladder: a review journal of medical sciences 38(5) 197-203 april,2018 3.
 - Prospective observational study on cholelithiasis in patients with carcinoma gall bladder in a tertiary referral hospital of Eastern India Journal of Cancer Research and Therapeutics DOI:10.4103/jcrt .JCRT_939_17 October 31, 2018 4.
 - Primary small gut lymphoma presenting as an incarcerated inguinal hernia in an adult Formosan Journal of Surgery
 - Accepted for publication Under preparation for issue 10/Dec/2018 SOLID PSEUDOPAPILLARY NEOPLASM OF PANCREAS IN A 15 YEAR OLD GIRL (Indian Journal of Medical and Paediatric Oncology) Date of submission: 22/Nov/20

Prof. Diptendra Kumar Sarkar

International invited lectures

1. Grand round talk : Biology of breast cancer and its impact in clinical medicine -Royal Stoke university Hospitals, North Midlands University Hospitals
2. Recent trends in management of benign breast diseases-Indo-Uk breast forum, Birmingham.
3. Decreased progression of BRCA2 accelerates progression of breast: 11th European Breast cancer congress, Barcelona
4. Challenges in surgery of LABC : breaking barriers- INVITED PLENARY ORATION.
5. Heterogeneity of response and molecular biology of breast cancer:Asian Socieity of Mastology, Male, Maldives, Invited oration
6. Panel discussion : Breast cancer care in resource constrained countries Asian Socieity of Mastology, Male, Maldives

SN	Date/month	Topic	Place	Role
1.	November	Molecular biology in breast cancer	ICC, Bengaluru	Invited oration
2.	December	RCSEd exam	TMC, Kolkata	Examiner
3.	December	Communication skills in breast cancer	Jaipur, ASICON	Invited oration
4.	December	Ethics and role of IRB in research	Jaipur, ASICON	Invited lecture
5.	December	LABC panel discussion	Jaipur, ASICON	Moderator
6.	January	LABC panel discussion	Eastern zonal CME, ABSI, Kolkata SGCC	Moderator
7.	January	Case discussion Gynaecomastia / Phylloides	ASI course module, CMRI	Invited lecture
8.	January	Communication skills	ASI couse module, CMRI	Invited lecture / workshop
9.	February	Biology of breast cancer	Lady Brabourne College	Invited lecture
10.	February	UG class	SGPGI, Lucknow	Faculty
11.	February	Management of LABC : overview	SGPGI, Lucknow	Invited lecture
12.	April	LABC : panel discussion	Surgical Society , Patna annual CME	Moderator
13.	April	Current and future innovations in breast cancer	Do	Invited lecture

14	April	PG course in surgery	AIIMS, New Delhi	Faculty
15	April	Communication skills in surgery	AIIMS, New Delhi	Invited lecture
16	May	Member, Breast cancer screening committee	New Delhi	Expert group meeting
17	July	Recent advances in molecular biology Breast cancer	Society for Surgical Oncology, Patna	Faculty
18	September	Decoding molecular biology of breast cancer	WBASI, Kolkata	Urmilla-Anil Sensharma oration
19	September	Breast long case	Undergraduate course, Kolkata	Teacher and mentor
20	November	Genomics and breast cancer workshop	ABSICON, AIIMS, New Delhi	Faculty
21	November	Panel discussions on Confusions and consensus in benign breast diseases	ABSICON, AIIMS, New Delhi	Moderator
22	November	Genetic prognostication in breast cancer	ABSICON, AIIMS, New Delhi	Invited lecture
23	November	Postgraduate clinical masterclass	AIIMS, New Delhi	Invited faculty
24	December	Communication skills workshop	ASICON, Chennai	Moderator
25	August	LABC-post graduate class	ASI-Masterclass, Patna	Faculty
26	August	Documentation in surgery	ASI-RRC	Invited lecture
27	December	Prognostication in breast cancer	ASICON, Chennai	Invited lecture
28	December	Grey zones in benign breast diseases	ASICON, Chennai	Invited lecture
29	December	Surgery-commerce or science	ASICON, Chennai	Panelist

Committee appointments

1. DNB mentor committee, Swastha Bhawan
2. State quality assurance committee, swastha bhawan
3. Working group member, National Breast Cancer Screening program

Speciality clinic

1. Comprehensive breast service at SN Pandit Hospitals
2. Breast cancer Research lab at IPGMER

Social programs

1. Organized first ever survivor conference in Kolkata in October

Research project

1. Department of Science and technology , West Bengal Govt

Medals and certificates

Students and Faculty receiving Medals on Foundation Day: Department of Surgery	
Medal for Proficiency in the Annual Examination – M.S.(General Surgery), 2016-19	Dr. Radharaman Mandal
Medal for Proficiency in thesis work – M.S. (General Surgery), 2015-18	Dr. Bikram Halder

Pushpa Rani Saha Memorial Award for obtaining highest marks in surgery in MBBS Final Examination, 2015 amongst the girl students of IPGME&R	
Certificates to be awarded on Foundation Day: Department of Surgery	
First Certificate of Merit for Proficiency in Annual Examination – M.S.(General Surgery), 2018	Dr. Anirban Basu
First Certificate of Merit for Proficiency in Thesis Work – M.S.(General Surgery), 2015-2018	Dr. Anirban Das
Second Certificate of Merit for Proficiency in Annual Examination – M.S.(General Surgery), 2018	Dr. Rudradeep Banerjee

The department proudly acknowledges the achievement of Dr. Anirudh M; a 1st Year Post Graduate Student who got the First prize in the poster presentation competition amongst the postgraduates and Prof. Bitan Kumar Chattopadhyay, First Prize amongst Faculty Papers in the Annual National Conference of the Association of Surgeons of India - ASICON 2018 held in December, 2018 at Chennai, Tamil Nadu.

Thesis work submitted in 2018

MS student	Guide / Co-guide	Topic
Dr. Vishwa Prakash Das	Dr. Amitabha Sarkar [P – GSE] Dr. Amit Roy [ATP – GSE]	A clinicopathological study on choledochal cyst in adults.
Dr. Indranil Chakraborty	Dr. Amitabha Sarkar [P – GSE] Dr. Amit Ray [ATP – GSE]	A prospective and retrospective observational study on residual gallbladder stones after cholecystectomy.
Dr. Manoj Kumar Ghosh	Dr. Prasanta Kumar Bhattacharjee [P – GSE] Dr. Koushik Chatterjee [ATP – RAT] Dr. Rajib Sarkar [ASP – GASTRO]	Demographic and clinicopathological profile of gastric neoplasm – a prospective observational study at a tertiary referral hospital of Eastern India.
Dr. Susom Das	Dr. Rajat Suvra Moral AS[P – GSE] Dr. Saurabh Das [ATP – GSE]	A prospective study of results of mesh hernioplasty and modified darn in primary inguinal hernia.
Dr. Anirban Basu	Dr. Bitan Kumar Chattopadhyay [P & HOD – GSE] Dr. Sandip Basu [ATP – Plastic]	Volume displacement and replacement techniques for breast lumps – a study on aesthetic and surgical outcomes.
Dr. Kumar Sonal	Dr. Diptendra Kumar Sarkar [P – GSE] Dr. Sujoy Ghosh [ASP – ENDO]	Spectrum of solitary thyroid nodule in a tertiary care center.
Dr. Ronmita Pal	Dr. Makhan Lal Saha [P – GSE] Dr. Debashis Misra [ATP – GASTRO] Dr. Sudipto Saha [ATP – RAD] Dr. Sumit Sanyal [ASP – GASURG]	A prospective study of clinical, imaging and histopathological correlation of thick-walled gall bladder.
Dr. Susangato Choudhury	Dr. Probhas Kumar Sarkar [P – GSE]	Etiological and pathological study and management of intestinal obstruction with special reference to clinical, radiological and biochemical parameters.
Dr. Radha Raman Mondal	Dr. Abhimanyu Basu [P – GSE] Dr. Soumen Das [ATP – GSE]	Breast cancer: An observational study on presentation and staging.
Dr. Sandipan Purkait	Dr. Makhan Lal Saha [P – GSE] Dr. Asutosh Ghosh [P – GME]	Outcome of monitoring and management of high intra-abdominal pressure in critically ill medical and surgical project.
Dr. Fermin Iswary	Dr. Bitan Kumar Chattopadhyay [P & HOD – GSE] Dr. Sunanda De [ATP – GSE]	A study to measure pain perception and resumption of activity following different operative procedures in inguinal hernias.
Dr. Sukanta Chakraborty	Dr. Probhas Kumar Sarkar [P – GSE] Dr. Makhan Lal Saha [P – GSE]	A study of patients with abdominal trauma in a tertiary care center with special emphasis on factors influencing outcomes.

Dr. Tamaghna Pal	Dr. Santanu Sinha [ASP – GSE] Dr. Abhimanyu Basu [P – GSE]	Evaluation of patients with carcinoma gall bladder in respect of timing of presentation and compounding risk factors.
Dr. Rudradeep Banerjee	Dr. Diptendra Kumar Sarkar [P – GSE] Dr. Gaurav Narjinari [ATP – GSE]	Laparoscopy assisted and open colorectal surgery – a study on short-term outcomes, surgical outcomes and patients' satisfaction.

Thesis work ongoing

MS student	Guide / Co-guide	Topic
Dr. Bibaswan Maity	Dr. Prasanta Kumar Bhattacharjee [P – GSE] Dr. Amitabha Sarkar [P – GSE]	Clinical profile of pancreatic carcinoma: a short term prospective observational study at a tertiary referral hospital.
Dr. Mainak Maitra	Dr. Probhas Kumar Sarkar [P – GSE]	Study of outcome of pancreatico-jejunostomy done by modified invagination technique following Whipple's procedure.
Dr. Rishin Dutta	Dr. Makhan Lal Saha [P – GSE] Dr. Chhanda Datta [P & HOD – PAT] Dr. Diptendra Kumar Sarkar [P – GSE]	A comparative analysis of clinical and pathological outcome following laparoscopic versus open colorectal resection in colorectal cancer in a tertiary care centre.
Dr. Diganta Bodo	Dr. Abhimanyu Basu [P – GSE] Dr. Raja Ray [P – Micro] Dr. Partha Sarathi Ghosh [ATP – GSE]	A prospective study of non-tubercular mycobacterial infection at postoperative surgical wound site.
Dr. Surajit Das	Dr. Santanu Sinha [ASP – GSE] Dr. Abhimanyu Basu [P – GSE]	An observational study to evaluate the association of fatty liver and metabolic syndrome in gallstone disease.
Dr. Ahsan Kamal	Dr. Makhan Lal Saha [P – GSE] Dr. Diptendra Kumar Sarkar [P – GSE]	Assessment of feasibility of breast conservation therapy after neo-adjuvant chemotherapy in cases of locally advanced breast cancer.
Dr. S. Senthil Raj	Dr. Bitan Kumar Chattopadhyay [P & HOD – GSE] Dr. Shalini Datta [Ramanujan Fellow, Human Genetics Unit, ISI, Kolkata]	Comprehensive evaluation and comparison of chemokines between operable and inoperable gastric adenocarcinoma.
Dr. Vidya Rani Jha	Dr. Bitan Kumar Chattopadhyay [P & HOD – GSE] Dr. Surajit Ghosh, Principal Scientist, Organic & Medicinal Chemistry Division, CSIR-IICB, Kolkata]	Study of NF- κ B expression in breast carcinoma patients undergoing surgery with or without NACT and its association with adjuvant therapy.
Dr. Jitesh Midha	Dr. Bitan Kumar Chattopadhyay [P & HOD – GSE] Dr. Nilabja Sikdar [Ramalingaswamy Fellow, Human Genetics Unit, ISI, Kolkata]	Comparative observational and analytical study in patients with adenocarcinoma gall bladder for the amplification ERBB2/Her 2 Neu receptor.
Dr. Abhinandan Mojumder	Dr. Probhas Kumar Sarkar [P – GSE]	A study on clinical, radiological and peroperative findings in acute surgical abdomen.
Dr. Abdul Kaiyum Khan	Dr. Diptendra Kumar Sarkar [P – GSE] Dr. Gaurav Narjinari [ATP – GSE]	Spectrum and management of gall bladder carcinoma.
Dr. Monalisha Khan	Dr. Diptendra Kumar Sarkar [P – GSE] Dr. Gaurav Narjinari [ATP – GSE]	A clinical and etiopathological study of mastalgia and its different aspects of management.
Dr. Chowdhury Sirajul Islam	Dr. Probhas Kumar Sarkar [P – GSE] Dr. Gaurav Narjinari [ATP – GSE]	A clinicopathological study on gastrointestinal stromal tumor and its different aspects of management.
Dr. Oindrila Biswas	Dr. Amitava Sarkar [P – GSE] Dr. Chhanda Dutta [P – PAT]	Demographic and clinicopathological profiling of gastric carcinoma based on Lauren type.

SERVICE INFORMATION

Beds location (ward, building): Curzon ward- male Victoria ward- female (both located in Main block)
No. of beds: Male- 74+12+23 = 109 Female- 64+12 = 76 Total-185

Emergency Observation Ward admits surgical patients requiring observation pending transfer or discharge.

OPD location

New Surgery OPD Complex started functioning in the previous New Emergency Block, with isolated but composite arrangement for General Surgery, Plastic Surgery and Pediatric Surgery under the same roof.

OPD Attendance

Yearly total- 53, 275 (New 35,127; Old – 18,148)

Indoor Admission

Total 4580 (Victoria Ward – 2196, Curzon Ward – 2384, EOW Ward – 256 and Woodburn Ward – 231)

Units composition

OPD day	Unit	OT Days	Visiting Surgeons	Clinical Tutors/ SR
Monday	I	Wednesday Friday	Prof. Diptendra Kumar Sarkar (Unit-in-charge), Dr. Gourav Narjinari.	Dr. Lydia Prusty
Tuesday	II	Thursday Saturday	Prof. Bitan.Kumar.Chattopadhyay (Unit-in-charge and HOD), Dr. Sunanda Dey	Dr. Avijit Roy Mandal
Wednesday	III	Monday Wednesday	Prof. Makhan Lal Saha (Unit-in-charge),	Dr. Pritin Kumar Bera
Thursday	IV	Tuesday Saturday	Prof. Amitabha Sarkar (Unit-in-charge), Prof. Prosanta Kumar Bhattacharya	Dr. Hadimuzzaman
Friday	V	Monday Wednesday	Prof. Abhimanyu Basu (Unit-in-charge), Dr. Santanu Sinha	Dr. Indra Prakash Mandal
Saturday	VI	Tuesday Thursday	Prof. Prabhas. Kumar. Sarkar (Unit-in-charge), Dr. Rinki Das, Dr. Saurabh.Das	Dr. Suyash Bajoria

Procedures/Investigations performed

Planned surgeries performed:	Major : 3005	Minor : 465
Emergency surgeries performed	Major : 930	Minor : 402
Day Care procedures performed:	2392	

Other patient interface related information

Follow up clinics are also run for each unit on different days. The department collaborates with the Endocrinology Department to run a 'Diabetic Foot' clinic at Endocrine OPD and Breast Clinic (at Shambhu Nath Pandit Hospital) and Colorectal Clinic on Saturdays. Department is planning for a Oncosurgery OPD and Unit.

Urology

FACULTY

Dr. Dilip Kumar Pal	M.Ch (Urology)	Professor and HOD
Dr. Animesh Kumar Das	M.Ch (Urology)	Professor
Dr. Debansu Sarkar	M.Ch (Urology)	Associate professor
Dr. Sunirmal Chowdhury	M.Ch (Urology)	Associate professor
Dr. Sandeep Gupta	M.Ch (Urology)	Associate professor
Dr. Krishnendu Maiti	M.Ch (Urology)	Assistant professor
Dr. Rajkumar Singha Mahapatra	M.Ch (Urology)	Assistant professor
Dr. Soumya Mondal	M.Ch (Urology)	Assistant professor

POST DOCTORAL (MCh) TRAINEES

2016-2019	2017 - 2020	2018-2021
Dr. Naveen Kumar Gupta Dr. Kunal Kapoor Dr. Sandip Pramanik Dr. Debasis Samaddar Dr. Barun Kumar	Dr. Akash Agrawal Dr. Ankit Vaishnav Dr. Alankar Jaiswal Dr. Pinaki Roy Dr. Siddharth Saraf	Dr. Amvrin Chatterjee Dr. Avisek Dutta Dr. Kundan Kumar Dr. Anand Abhishek Dr. Ankit Kumar

FACULTY NEWS AND ACADEMIC ACHIEVEMENTS:

Workshops conducted by the department

Live operative workshop on RIRS on 7th May 2018 in Dept of Urology, IPGMER : Faculty was Dr. C. Chandamohan from Hyderabad.

Workshops and conferences attended

- USICON 2018 (Jaipur) - Attended by Prof. Dilip Kumar Pal, Dr Sunirmal Choudhury, Dr Sandeep Gupta & all 3rd Yr PDTs.
Prof. Dilip Kumar Pal was the chairperson for the podium presentation.
- East zone USICON (Shillong)-Attended by Prof. Dilip Kumar Pal, Prof. Animesh Kumar Das, Dr. Sunirmal Choudhury, Dr Sandeep Gupta, Dr. Krishnendu Maiti & all 2nd Yr PDTs.
 - Prof. Dilip Kumar pal was the chairperson for guest lecture.
 - RVP Sinha Memorial oration was delivered by Prof. Dilip Kumar Pal.
 - Prof. Dilip Kumar Pal has taken charge of President, Urological society of India (East zone) for the year 2018 – 2019.

Awards won in conferences and CMEs

- 1) Dr. Akash Agrawal won 1st Prize in Poster Presentation in EZUSICON 2018, Shillong.
- 2) Dr. Ankit Vaishnav won 1st Prize in Essay competition in EZUSICON 2018, Shillong.
- 3) Dr. Naveen Kumar Gupta won 1st Prize in Quiz competition in Urofest RIRS Workshop 2018.
- 4) Dr. Avisek Dutta won 1st Prize in Competitive Paper Presentation in BUSCON 2018.
- 5) Dr. Amvrin Chatterjee won 3rd Prize in Competitive Paper Presentation in BUSCON 2018.
- 6) Dr. Avisek Dutta won 2nd Prize in Quiz competition in BUSCON 2018.
- 7) Dr. Anand Abhishek won 3rd Prize in Quiz competition in BUSCON 2018.
- 8) Dr. Sunirmal Chowdhury, Associate Professor, Won 2nd Prize in video presentation in BUSCON 2018.

REGULAR ACADEMIC ACTIVITY

Time: Morning (9 AM to 10 AM)

- Tuesday: Seminar
- Thursday: Journal club
- Saturday: Case presentation

PROJECTS AND RESEARCH ACTIVITY

Project completed

Functional interplay of different mutations/polymorphs of CLDN 14, MGP and SPP1 in the development of kidney stone disease. Project funded by ICMR

Major research projects being conducted under the supervision of Prof. Dilip Kumar Pal

Title of Project	Funding Agency	Duration From To	Status Ongoing/Completed
Functional interplay of different mutations/polymorphs of MGO and SPP1 genes in the development of kidney stone disease.	Technically approved by ICMR	April 17-May 20	Ongoing
Identification of susceptible genes in arsenic induced bladder cancer in West Bengal, India	Dept. of Biotechnology, Govt. of West Bengal	May 13-Oct 2019	Project No- BT(Estt)RD-13/2013
Identification of candidate gene associated with high risk HPV infected prostate cancer of Indian patients	Dept. of Biotechnology Govt. of India		Applied for approval
Altered Genetic Spectrum and Functionality of Calcium Homeostasis and Calcification Regulating Genes Mediated Kidney stone Formation	Dept of Biotechnology, Govt. of India		Applied for approval

Thesis topics

2016-2019	2017 – 2020	2018 - 2021
Dr Kunal Kapoor: Liquid based cytology and immuno-histochemical detection of MCM2 protein as potential marker in bladder cancer. Single center prospective observational Study	Dr Akash Agrawal: Association of β -catenine and CD – 44 in development of Renal Cell Carcinoma.	Dr. Avisek Dutta: KIBRA Promoter methylation status in Renal Cell Cancer and correlation with stage, grade, histopathology and Prognosis.
Debasis Samaddar: Evaluation of change of renal function in affected Kidney in Post PCNL patient with Unilateral renal lithiasis using 24 Hrs urinary creatinine clearance and DTPA Scan.	Dr Pinaki Roy: Comparative Study of Mini PCNL Vs ESWL in 1 – 2 cm stone in non lower calyceal system.	Dr. Anand Abhishek: Her2/Neu as a prognostic marker in carcinoma prostate.
Dr. Sandip Pramanik: Evaluation of PCNA and Ki 67 expression in development of Renal Cell Carcinoma in Indian patients.	Dr Ankit Vaishnav: Study of normal voiding pattern in Uroflowmetry in asymptomatic female patients.	Dr. Amvrin Chatterjee: Prognostic significance of HIF α and its regulator genes (Lim D1, VHL) in bladder carcinoma among Indian patients.

Dr Naveen Kumar Gupta: Comparisons of monthly maintenance protocol of intravesical BCG Vs standard SWOG maintenance protocol (LAMM) in Non- Muscle invasive Bladder Carcinoma (NMIBC)	Dr Alankar Jaiswal: Involvement of Homologous recombination pathway in bladder cancer	Dr. Kundan Kumar: Oxidative stress in pathogenesis of chronic prostatitis in a patient population from Eastern India; a case control study.
Dr Barun Kumar: B7H1 as a prognostic marker in Renal Cell Carcinoma	Dr Siddharth Saraf: Genetic Polymorphisms in urinary stone disease.	Dr. Ankit Kumar: Outcome of Tamsulosin vs Silodosin in upper, mid and lower ureteric calculi.

Publications (from Dec 2017 to Nov 2018)

1. Arun Kumar Mourya, Dilip Kumar Pal. Spontaneous Complete Resolution of Complex Renal Cyst: A Case Study. *Journal of Clinical and Diagnostic Research* 2018; 12(3) Mar PD10-PD11.
2. Sandip Pramanik, Uttam Kumar Pal, Dilip Kumar Pal. Sexually active urethral stricture patients with catheter –A survey of quality of life. *Sch J App Med Sci* 2018;6(3): 857-960. DOI: 10.21276/sjams.2018.6.3.10
3. Krishnendu Maiti. Siddharth Saraf, Chanda Dutta, Dilip Kumar Pal. Primary transitional cell carcinoma of bulbar urethra. *Indian J Case Reports* 2018; 4(1): 40-42
4. Pramanik S, Pal DK, Bandyopadhyay A, Paul UK. A qualitative study on the perceptions of patients with urethral stricture. *Int Surg J* 2017; 4:4043-8.
5. Pubali Mitra, Dilip Kumar Pal, Madhusudan Das. Does quality of drinking water matter in kidney stone disease: A study in West Bengal, India. *IC Urology*. <http://doi.org/10.4111/icu2018.59.3.158>. pISSN 2466-0493. eISSN 2466-054x
6. Krishnendu Maity, Akash Agrawal, Chanda Datta, Dilip Kumar Pal. Primary Ewing's Sarcoma of the Kidney- A Case Report. *JCDR* 2018 June 12(6): PD03-PD04. DIO: 10.7860/JCDR/2018/35180.11611
7. Sunirmal Choudhury, Susanta Kumar Das, Debarshi Jana, Dilip Kumar pal. Lower urinary tract symptoms and urodynamic changes in natural menopause versus surgical menopause. *Sch J App Med Sci.*, May 2019; 6(5): 2102-2107.
8. Gupta S, Das SK, Pal DK. Total tubeless ultra-mini supine percutaneous nephrolithotomy: A feasibility study. *Turk J Urol* 2018; 44(4): 323-28. DOI: 10.5152/tud.2018.48642
9. Krishnendu Maity, Pinaki Roy, Chanda Datta, Dilip Kumar Pal. A rare case of tubular and spindle cell carcinoma with sarcomatoid changes. *Ind J Case Reports* 2018; 4(3): 218-220.
10. Sandeep Gupta, Alankar Jaiswal, Dilip Kumar Pal. Penile fracture with complete urethral transection. *Indian J case Reports* 2018, 4(3): 248-249.
11. Pritesh Jain, Dilip Kumar Pal. Pelvic epidermoid cyst: A rare cause of lower urinary tract symptoms. *BMJ Case Reports* 2018, May, doi: 10.1136/bcr-2017-223258.
12. Sunita Biswas, Dilip Kumar Pal, Mousumi Bandopadhyay. Metabolic alterations in prostatic neoplasm: An eastern Indian study. *Sch J App Med Sci.*2018; 6(8):3077-3080. DOI: 10.21276/sjams.2018.6.8.26
13. Debasis Samaddar, Dilip Kumar Pal. Role of frequency volume chart for the assessment of urinary incontinence in men. *Int J Res Med Sci* 2018; 6:3346-50.
14. Sandip Pramanik, Uttam Kumar Paul, Dilip Kumar Pal. Quality of life of young male catheterized patients. *Int J Med Res Rev* 2018; 6(07): 372-377. doi: 10.17511/ijmrr.2018.i07.06
15. Krishnendu Maity, Alankar Jaiswal, Dilip Kumar Pal. Penile fracture with missed urethral injury leading to urethrocutaneous fistula and panurethral stricture. *Sch J Med Case Rep* 2018, Jan, 6(1): 14-15. DIO: 10.21276/sjmcr.2018.6.1.5

- 16 Sandeep Gupta, Alankar Jaiswal, Dilip Kumar Pal. Laparoscopic simple nephrectomy in a severe kyphoscoliotic patient. Journal of clinical and diagnostic research 2018 October; 12:pd01-pd02. doi: 10.7860/jcdr/2018/37142.12080
17. Sandeep Gupta, Susanta Kumr Das, Debarshi Jn, Dilip Kumar Pal. Distrction during cystoscopy to reduce pain and increase satisfaction: Randomized controlled study between real-time visualization versus listning to music versus combined music nd rel-time visulistion. Uro Ann2018 DOI: 10.4103/UA_191_17
18. Debansu Sarkar, Sandeep Gupta, Krishnendu Maity, Pritesh Jain, Dilip Kumar Pal. Penile strangulation by different objects and its removal by the modified srting method: Management of four cases with review of literature. Uro Ann2018 DOI: 10.4103.UA_178_17
19. Pritesh Jain, Debansu Sarkar, Krishnendu Miti, Sndeeep Gupta, Dilip Kumr Pal. Rare cses of ectopic ureter: nlysis from single centre with review of literatute. Turk J Urol 2018 DOI: 10.5152/tud.2018.37085

Papers accepted for publication

1. Pubali Mitra, Manali Guha, Biswabandhu Bankura, Dilip Kumar pal, Biswanath Maity, Madhusudan pal. Association of calcitone receptor gene (CHSR) polymorprism with kidney stone disease in the population of West Bengal, India. Gene. Accepted on 20.04.2017.
2. Sandeep Gupta, Arun Kumar Maurya, Dilip Kumar Pal. Observational prospective study for surgical outcome and anesthetic feasibility of tubeless and total tubeless supine PCNL: A single centre initial experience. Turkish Journal of Urology, Manuscript no- UROLOGY-97345 Accepted on 08.01.2018.
3. Debansu Sarkar, Arun Kumar Mourya, Debasis Chakraborty, Dilip Kumar Pal. Retroperitoneal teratoma mimicking renal calculus. JCDR (Ref No- 35463) Accepted on 04.06.2018
4. Krishnendu Maiti, Pinaki Roy, Chanda Dutta, Dilip Kumar Pal. Mucinous tubular and spindle cell renal cell carcinoma with sarcomatoid change. Indian Journal of Case report (Manusc-IJCR_5-_18 dated 18.03.18)
5. Pubali Mitra, Biswanath Maity, Dilip Kumar pal, Madhusudan Das. PTH (Parathyroid Hormone) genes associated and risk of kidney stone disease: A case control study. Urology (ref No-URL-D-18-00720R1) accepted dated 19.06.18. Proof Correction sent on 20.08.2018
6. Utsa Senapati, Moumita Sengupta, Chanda Datta, Uttara Chatterjee, Dilip Kumar Pal, Diya Das, Piyali Podder .Correlation of Gleason Grading and Prognostic Immunohistochemistry Markers (Her-2/neu and Androgen Receptor) In Prostatic Core Needle Biopsy: A Study in a Tertiary Care Centre. Indian Journal of Medical and Pediatric Oncology dated 14.04.2018. Accepted.
7. Dilip Kumar Pal. Arun Mourya. Comparative study of renal cell carcinoma in patients of less than 40 years and older: A retrospective single center study .Indian Journal of Cancer dated 13.07.2018.
8. Pritesh Jain, Dilip Kumar Pal. Contemporary Management of urological complications in renal transplant: Analysis from a single centre with review of literature. Indian Journal of Transplantation. Accepted on 09.09.18.
9. Distraction during cystoscopy to reduce pain and increase satisfaction: randomized controlled study between real time visualization Vs. Listening to music Vs. Combined music and real time visualization. Urology Annals (UA-191-17) accepted on 10.09.18.
10. Debansu Sarkar, Akash Agrawal, Dilip Kumar pal. Conservative management of a case of intraperitoneal urinary bladder with enterovesical fistula. Manuscript No- 38284 JCDR Accepted on 15.10.18.
11. Sandip Pramanik, Uttam Kumar Paul, Dilip Kumar Pal. Assessment of quality of life of spouses of young male catheterized patients. International Surgery Journal. Accepted on 30.11.2018

12. Krishnendu Maiti, Kunal Kapoor, Dilip Kumar Pal. Functional outcome and complications of palliative transurethral resection of prostate (pTURP): 5 years single centre (Eastern India) experience. Accepted on 30.11.2018

13. Debansu Sarkar, Kunal Kapoor, Dilip Kumar Pal. Pain and anxiety assessment during cystourethroscopy in male using voiding instruction: prospective randomized control study. Accepted for publication in Urology Annals.

Papers presented in conferences (2017 – 2018):

1. Cystic matured adrenal teratoma: A case report. Sajad Ahmed Para, Debansu Sarkar, Dilip Kumar Pal. 51st Annual Conference of Urological society of India, Jaipur 18th to 21st January 2018.

2. Human papilloma virus infection and chronic prostitutes: An association study. Pritesh Jain, Dilip Kumar Pal, Amlan Ghosh. 51st Annual Conference of Urological society of India, Jaipur 18th to 21st January 2018.

3. Immunohistochemical analysis of Von hippel-Lindau, hypoxia inducible factor 1 & and domains containing limD1 gene in different stages of renal cell carcinoma and its clinicopathological implication. Arun Kumar Maurya, Dilip Kumar Pal, Chinmoy Kumar panda, Chhanda Dutta. Arun Kumar Maurya 76. Total tubeless ultra-mini supine percutaneous nephrolithotomy: Our initial experience. Sandeep Gupta, Susanta Kumar Das, Dilip Kumar Pal. 51st Annual Conference of Urological society of India, Jaipur 18th to 21st January 2018.

4. Distraction during cystoscopy to reduce pain and increase satisfaction: randomized control study between real time visualization vs. listening to music Vs. Combined music and real time visualization. Susanta Kumar Das, Sandeep Gupta, Dilip Kumar pal. 51st Annual Conference of Urological society of India, Jaipur 18th to 21st January 2018.

5. Alteration of chromosome 3 plays an important role in development of urinary bladder cancer. Mukta Basu, Sabnam Ghosh, Dilip Kumar Pal, Amlan Ghosh, Chinmoy Kumar Panda. INTZOOCON Kolkata,, February 1-3, 2018

6. Association of CALCR (Calcium Receptor) gene polymorphisms with urinary stone disease. Pubali Mitra, Dilip Kumar Pal, Madhusudan Das. . INTZOOCON Kolkata,, February 1-3, 2018

7. Arsenic and urinary bladder cancer in West Bengal: Epidemiological link and clinicopathological association. Sabnam Ghosh, S Palchoudhury, Dilip Kumar pal, Chinmoy Kumar Panda, Amlan Ghosh. INTZOOCON Kolkata, February 1-3, 2018

8. High temperature: A contributor to rising incidence of kidney stone disease. Pubali Mitra, Dilip Kumar Pal, Madhusudan Das. National seminar on sustainable Environment and Healthcare. Kolkata, 5th June 2018.

9. Uroflowmetry in healthy woman- Development and validation of Flow Nomogram. Ankit Vaishnab, Debansu Sarkar, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018.

10. A Comparative study of Alpha Blockers Vs Topical Oestrogens in Treatment of Lower Urinary Tract Symptoms in Perimenopausal Females- Alankar Jaiswal, Debansu Sarkar, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018.

11. Comparison of efficacy and safety of Mirabegron over Darifenacin in the treatment of overactive bladder syndrome- Pinaki Roy, Debansu Sarkar, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018.

12. Comparison of surgical outcome of PCNL vs supine PCNL- Siddharthe Saraf, Sandeep Gupta, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018.

13. Clinical assessment of stabilization of renal function after Nephrectomy- Akash Agrawal, Debansu Sarkar, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018.

14. Digital rectal grading and Endoscopic grading for Prostatomegaly; an observational study- Siddharthe Saraf, Sandeep Gupta, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018

15. A rare case of penile Rhinosporidiosis- Pinaki Roy, Debansu Sarkar, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018.

16. Primary Ewing's Sarcoma of Adrenal Gland- Akash Agrawal, Krishnendu Maity, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018.

17. Penile fracture with complete Urethral Transaction- Alankar Jaiswal, Sandeep Gupta, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018.

18. Laparoscopic redo Pyeloplasty- Sandeep Gupta, Siddharthe Saraf, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shillong, 1st to 3rd November, 2018.

19. Laparoscopic Ureteric reimplantation in a case of ureteral triplication with contralateral duplication- a rare anomaly- Ankit Vaishnav, Sandeep Gupta, Dilip Kumar Pal. 28th Annual Conference of Urological Society of India, Shilling, 1st to 3rd November, 2018.

SERVICE INFORMATION (01/12/17-30/11/2018):

OPD attendance Total 57,441

Bed Distribution

Male	Female & Child	Recovery room for renal transplant patients (HDU)
27	15	4

Admissions in the urology ward

Male	Female
877	498

Renal transplantation

Renal transplantation

- Tuesday is the day for our renal transplantation and we perform approximately one transplant weekly with the help of the nephrology and CTVS department
- Total number of transplants done from 01/12/2017 - 30/11/2018 37
- Total number of cadaveric transplants done from 01/12/2017 - 30/11/2018 19

Minor OPD procedures Total 4548

USG guided procedures

- TRUS guided prostate biopsy: 258
- USG guided PCN: 139

ESWL 558

Uroflowmetry 4389

Urodynamic studies 272

Major operations 1287

Minor operations 2481

Central Library

Location and floor area The Central Library has shifted from Ronald Ross Building, 3rd Floor and 6th Floor to Academic Building 7th & 8th Floors. The shifting work is still in progress.

Sections

- Main Library
- UG Reading Room
- Residents Reading Room
- Faculty Room
- E-library
- Journal & Thesis section
- Stack Room
- Photocopy Facility
- Librarian Room
- UG Reading Room (8th Floor – not yet operational)

Working hours 10:00 AM to 10:00 PM in 2 shifts

No. of Books 18,817 (Purchased 16,781; Gifted 2,036)

No. of Journals subscribed annually

(i) Indian 70 (ii) Foreign 34

Free full text access to about 244 E-journals from 5 reputed publishers, through the ERMED consortium initiative of the National Library of Medicine (NLM), New Delhi, is available.

Back issue volumes Journals: (i) Indian 3000 (approx.) (ii) Foreign 26000 (approx.)
Thesis 2146

No. of books purchased during the last 3 years	2017-18	154
	2016-17	341
	2015-16	366

Staff

Librarians	Dr. Surupa Ghosh M.A., M.L.I.Sc., PhD Mr. Tapan Naskar M.A., M.L.I.Sc.
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Library Assistants	Mrs. Ranu Balmiki Mrs. Rupashree Mukherjee
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Sweeper	Mr. Sk. Liaquat Ali (Sweeper)
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System of Cataloging Card form of cataloging [AACR code]

System of Classification Dewey Decimal System

The Library caters to the needs of Faculty, Students and Research Scholars of this Institute and also to scholars of other Institutions. Internet facility is available free of cost for the Library users within the E-library. Scanning and photocopying facilities are also available.

Blood Bank

One of the vital departments of this hospital cum medical college, the Blood Bank started functioning on a 24 hour basis from 1996. Previously it remained open for eight hours from 10 AM to 6 PM. It is catering to the entire patient load of SSKM Hospital and sometimes to outside hospitals also. Component separation license was granted in the year 2010 and from then onwards four components are being supplied to patients. There has been an increase in the number of Blood Donation Camps over the past few years and now more and more people are voluntarily donating blood. The Donor Section has been revamped is presently having four donor couches along with bio-mixer for smooth in-house donation.

Voluntary Blood Donation

We have organized 331 no of voluntary blood donation camps during the period 01/01/2018 to 30/11/2018.

- Total collection: **17451**

We also did in-house collection which usually is called replacement donation.

- Total collection: **9491**

So total collection is **25942** units

Each and every blood unit is tested for mandatory five tests: HIV, Hepatitis B, Hepatitis C, Syphilis, Malaria. These tests are to reduce risk of TTI (Transfusion Transmitted Infection)

REPORT ON TTI REACTIVITY (based on Confirmation Date)

From 01/01/2018 to 30/11/2018 following number of cases have been screened as reactive:

1)	HIV	32
2)	HBsAg	220
3)	HCV	80
4)	Syphilis	1
5)	Malaria	0 (Nil)

All the reactive cases are communicated and those who respond are counselled to attend further for confirmation. Unfortunately very few are interested to come for further screening. For HIV reactive cases who do not turn up, a tracking list is prepared for grass route level tracking and management.

All the TTI non reactive blood units are Grouped and kept ready for allotment for patients. TTI reactive blood units are grouped and discarded.

Component Preparation

We have the License to prepare four components from the whole blood. Components are:

- 1) Packed Red Blood Corpuscle (PRBC)
- 2) Fresh Frozen Plasma (FFP)
- 3) Random Donor Platelet (RDP)
- 4) Cryoprecipitate of plasma (CRYO)

We usually prepare first three as the demand for Cryoprecipitate is very rare and also the quadruple blood bag is not readily available.

In the period we collected/prepared:

Whole Blood-**11434** units, PRBC-**15650** units, FFP-**14738** units and RDP-**12297** units and CRYO-**82** units.

In the period we have supplied:

Whole Blood-**10929** units, PRBC-**15345** units, FFP-**13483** units and RDP-**7879** units and CRYO-**40** units.

We have four donor couches and bio-mixers for our Donor section now. We also have three portable tube sealers. We have four Cryofuge and Biosafety Cabinet 1300 series class II Type A2 4ft for separation unit

Integrated Counseling and Testing Centre (ICTC)

It is the Centre where blood is tested for HIV, anyone can volunteer to test his or her blood. Doctors from various departments send the blood of their patients for testing of HIV. Blood donors, whose blood has been screened as TTI reactive, are also asked to attend ICTC for counseling and testing. In every case report is kept confidential. Those, who are found reactive, are sent or even accompanied to ART (antiretroviral treatment) Centre. ICTC personnel also refer the clients or patients having chronic cough, to RNTCP clinic, for testing sputum for tuberculosis.

Awareness Programs

Like every year we celebrated World Blood Donor Day during the period 14th June to 13th July. Actually the "World Blood Donor Day" IS ON 14TH June, but we celebrate it for one month. We also celebrated "National Voluntary Blood Donation Day" during the whole month of October. A seminar was held at the Blood Bank Premises in front of the gathered patient party so that they also can participate in this occasion.

Nursing Section

NURSING SUPERINTENDENT OFFICE

SN	Name of officer	Post/Designation	Qualification	Involved in
1	Smt. Rekha Chowdhury	Nursing Superintendent	B.Sc.(Hons) Nursing, M.Sc Nursing in Medical Surgical Nursing.	Administration, Hospital &Teaching
2	Smt. Jaya Mandal	Deputy Nursing Superintendent (DNS)	B.Sc.(Hons) Nursing, M.Sc. Nursing in Community Health Nursing.	Detailment to Nursing Branch, Swasthya Bhawan
3	Smt. Mousumi Roy	DNS	Post Basic B.Sc. Nursing, M.Sc.Nursing in Medical- Surgical Nursing.	Helping in administration &supervision of Maternity Dept..
4	Smt Parul Dutta	DNS	Post Basic B.Sc. Nursing	Administration &Supervision of ER ,EOW, NCB &PMR
5	Smt. Sima Nag Maity	DNS	Post Basic B.Sc. Nursing	Helping in Administration
6	Smt. Baby Mandal	DNS	Post Basic B.Sc. Nursing, M.Sc.Nursing in Paediatric Nursing	Detailment to Neonatology Dept. of SSKM Hospital
7	Smt Swati Mitra	DNS	B.Sc.(Hons)Nursing, M.Sc.Nursing in ObGy Nursing.	Helping in Administration
8	Smt. Kalpana Hansda	DNS	G.N.M. Passed	Helping in Administration
9	Smt. Sampa Hazra	DNS	B.Sc. Nursing	Helping in administration
10	Smt. Chhaya Biswas	DNS	B.Sc.(Hons) Nursing M.Sc. Nursing in ObGy Nursing	Helping in administration
11	Smt. Hasna Banu Khatun	DNS	Post Basic B.Sc. Nursing	Helping in administration
12	Smt. Namita Gupta	Acting DNS	Post Basic B.Sc. Nursing	Helping in administration
13	Smt. Swapna Dey	Acting DNS	GNM Passed	Helping in administration
14	Smt. Kaberi Pan	Acting DNS	GNM Passed	Helping in administration
15	Smt. Krishna Das	Acting DNS	GNM Passed	Helping in administration
16	Smt. Kajal Das	Acting DNS	Post Basic B.Sc. Nursing	Helping in administration
17	Smt. Gouri Ghosal	Acting DNS	GNM Passed	Helping in administration

WARD MANAGEMENT

SN	NAME OF THE WARD & OFFICER	POST/DESIGNATION	QUALIFICATION	ACTIVITIES
1	<u>Main O.T. Complex:- Tables-12</u> i) Sr Shraboni Kar	Sister-in-Charge Gr-I(ii) of WBNS	B.Sc.(Hons) Nursing	O.T. Administration
	ii)Sr Sanhita Khanra	--Do--	Post Basic B.Sc. Nursing	
2.	<u>ALEX WARD:-</u> i) Sr Rama Mallick	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing, M.Sc Nursing	Ward Administration
	ii)Sr Tanusree Saha	--Do--	Post Basic B.Sc. Nursing	
	iii) Sr Rupa Panja	--Do--	Post Basic B.Sc. Nursing	
3.	<u>P.I.C.U.:- Beds-8</u> i) Sr Susmita Halder	Sister-in-Charge Gr-I(ii) of WBNS	B.Sc.(Hons) Nursing M.Sc Nursing	Ward Administration
4.	<u>ENT Ward:-</u> i) Rina Chakraborty	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
5.	<u>VICTORIA WARD:-</u> i) Sr Indrani Bandopadhyay	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
	ii) Sr Karuna Pramanick	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	
6.	<u>CURZON WARD:-</u> i) Sr Shrila Mondal	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
	ii)Sr Nibedita Sahoo	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing M.Sc Nursing	Ward Administration
7.	<u>C.C.U.:-</u> i)Sr Juin Das	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
	ii)Sr Tulu Sahoo	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	
8.	<u>I.T.U.:-</u> i)Sr Ratna Das	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
	ii)Sr Sudipta Mondal	Sister-in-Charge Gr-I(ii) of WBNS	B.Sc.(Hons) Nursing M.Sc Nursing	
9.	<u>CABLE WARD:-</u> i)Sr Sankari Mazumder	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
	ii)Sr Sujata Das	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	
10.	<u>MACKENZIE WARD:-</u> i)Sr Putul Jana	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
	ii)Sr Banasree Das	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
11.	<u>E.R.M..M. &E.R.M.S.WARDS:-</u> i)Sr Nibedita Deb Adhikary	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
12.	<u>E.O.T.:-</u> i)Sr Rimpi Bala	Sister-in-Charge Gr-I(ii) of WBNS	B.Sc.(Hons) Nursing	O.T. Administration
	ii)Sr Chhanda Saha	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
13.	<u>N.C.B. WARD:-</u> i)Sr Mira Mitra	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
	ii)Sr Asha Biswas	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
14.	<u>E.O.W. WARD:-</u> i)Sr Madhumita(Ghosh) Chatterjee	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
15.	<u>RHEUMATOLOGY WARD:-</u> i)Sr Chhanda Dev	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
16.	<u>EMERGENCY WARD:-</u> i)Sr Bharati Ghoshal	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
	ii)Sr Nabanita Nandy	Sister-in-Charge Gr-I(ii) of WBNS	B.Sc.(Hons) Nursing	

17.	<u>WOODBURN WARD:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Chandra Chakraborty	Gr-I(ii) of WBNS		
18.	ii)Sr Anita Mondal	Sister-in-Charge	Post Basic B.Sc. Nursing	O.T. Administration
		Gr-I(ii) of WBNS		
19.	<u>WOODBURN O.T.:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Usha Sarkar	Gr-I(ii) of WBNS		
20.	<u>ORTHO WARD:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Namita Manna	Gr-I(ii) of WBNS		
21.	ii)Sr Anupama Saha	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	iii)S/N Gopa Saha	Staff Nurse Gr-II	GNM Passed	
22.	<u>HEART UNIT:-</u>	Sister-in-Charge	GNM Passed	Ward Administration
	i)Sr Smritikana Saha	Gr-I(ii) of WBNS		
23.	ii)Sr Bandana Das	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	iii)Sr Nivarani Jana(Kamilya) (On Detailment from S.N.P.Hospital)	Sister-in-Charge	Post Basic B.Sc. Nursing M.Sc Nursing	
24.	<u>I.C.C.U.:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Jayeeta Biswas	Gr-I(ii) of WBNS		
25.	<u>C.C.R. O.T.:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	O.T. Administration
	i)Sr Sathi Panti	Gr-I(ii) of WBNS		
26.	ii) Sr Sima Dutta	Sister-in-Charge	GNM Passed	Ward Administration
		Gr-I(ii) of WBNS		
27.	<u>HEMODIALYSIS UNIT:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Asoka Mondal	Gr-I(ii) of WBNS		
28.	ii)Sr Sovana Roy	Sister-in-Charge	GNM Passed	Ward Administration
		Gr-I(ii) of WBNS		
29.	<u>M.R.U.:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Mousumi Ghosh	Gr-I(ii) of WBNS		
30.	<u>URO WARD:-</u>	Sister-in-Charge	G.N.M. Passed	Ward Administration
	i)Sr Ratna Nandi	Gr-I(ii) of WBNS		
31.	ii)Sr Bina Rani Goswami	Sister-in-Charge	G.N.M. Passed	O.T. Administration
		Gr-I(ii) of WBNS		
32.	<u>URO. O.T.:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Alpna Ghorai	Gr-I(ii) of WBNS		
33.	<u>CHEST WARD:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Soma Ghosh	Gr-I(ii) of WBNS		
34.	<u>R.T.U. WARD:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Kabita Rani Bhunia	Gr-I(ii) of WBNS		
35.	ii)Sr Manisha Chatterjee	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
		Gr-I(ii) of WBNS		
36.	<u>N.P.S. WARD:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Kalpana Seth	Gr-I(ii) of WBNS		
37.	ii)Sr Kabita Burman	Sister-in-Charge	Post Basic B.Sc. Nursing	O.T. Administration
		Gr-I(ii) of WBNS		
38.	<u>N.P.S. O.T.:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Sagarika Pal	Gr-I(ii) of WBNS		
39.	<u>LIGATION WARD:-</u>	Sister-in-Charge	G.N.M. Passed	Ward Administration
	i)Sr Arati Neogi	Gr-I(ii) of WBNS		
40.	<u>BURNS:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Shyamali Maiti	Gr-I(ii) of WBNS		
41.	<u>GYNAE WARD:-</u>	Sister-in-Charge	Post Basic B.Sc. Nursing	Ward Administration
	i)Sr Tuhina Bhandari	Gr-I(ii) of WBNS		
42.	<u>MATERNITY WARD:-</u>	Sister-in-Charge	G.N.M. Passed	Ward Administration
	i)Sr Chhanda Nandi	Gr-I(ii) of WBNS		
43.	ii)Sr Puspanjali Pradhan	Sister-in-Charge	G.N.M. Passed	
		Gr-I(ii) of WBNS		

	iii)Sr Rinku Sarkar	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	
35.	<u>MAT GF WARD:-</u> i)Sr Bani Naiya	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
36.	<u>LABOUR ROOM:-</u> i)Sr Nilima Mondal	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
	ii)Sr Nilima Dandapath	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	
37.	<u>GYNAE. O.T.:-</u> i)Sr Jharna Dutta	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	O.T. Administration
38.	<u>N.I.C.U.:-</u> i)Sr Sulata Mondal	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
	ii)Sr Tapati Chatterjee	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	
	iii)Sr Bandana Mukherjee	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	
39.	<u>C.T.V.S.:-</u> i)Sr Suvra Pandit	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
	ii)Sr Chhanda Maity	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	
	iii)Sr Kakali Deb	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	
40.	<u>C.T.V.S. O.T.:-</u> i)Sr Chaitali Sahoo	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	O.T. Administration
	ii)Sr Indrani Sanyal	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	
41.	<u>EYE WARD:-</u> i)Sr Sima Das	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
42.	<u>S.D.L.D.:-</u> i)Sr Anita Manna	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
	<u>S.D.L.D. O.T.</u> i)Sr Malabika Guchhait	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	O.T. Administration
43.	<u>E.N.T. O.P.D.:-</u> i)Sr Pratima Bhattacharjee	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
44.	<u>P.M.R. WARD:-</u> i)Sr Srabona Roy	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Ward Administration
45.	<u>P.M.R. DAY CARE:-</u> i)Sr Banani Das	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
46.	<u>LIGATION O.T.:-</u> i)S/N Annapurna Dey	Staff Nurse Gr-II	Post Basic B.Sc. Nursing M.Sc Nursing	O.T. Administration
47.	<u>HOME ADMINISTRATION:-</u> i)Sr Ratna Sen Roy	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Home Administration
	ii)S/N Kabita Datta	Staff Nurse Gr-II	G.N.M. Passed	
48.	Sr Moumita Halder	Sister-in-Charge Gr-I(ii) of WBNS	B.Sc.(Hons)Nursing	Nursing Administration
49.	Sr Arpana Sharma	Sister-in-Charge Gr-I(ii) of WBNS	B.Sc.(Hons)Nursing, M.Sc. Nursing(Com.H.N)	Nursing Office Administration
50.	Sr Chhabi Das	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
51.	Sr Krishna Ghorai	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
52.	Sr Jharna Bera	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	Ward Administration
53.	Sr Minati Sinha	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	(Detailment to)
54.	Sr Kuntala Ghosh	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	(Detailment to)

55.	Sr Madhumita Goswami	Sister-in-Charge Gr-I(ii) of WBNS	G.N.M. Passed	(Detailment to)
56.	Sr Swapna Giri	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Study Leave
57.	Sr Najnina Khatun	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Study Leave
58.	Sr Basanti Saha Chatterjee	Sister-in-Charge Gr-I(ii) of WBNS	Post Basic B.Sc. Nursing	Study Leave
59.	Sr Aditi Sahoo	Sister-in-charge Gr-I(ii) of WBNS	B.Sc.Nursing M.Sc. Nursing	Disaster Unit

COLLEGE OF NURSING

Post-basic B.Sc. Nursing: 2016–2018 (26 candidates)

Ruma Das, Chandana Das, Chitra Seal, Ritwika Bhakat, Moumita Das, Srabani Dey, Moslema Minta Manna, Amita Rani Bhunia,, Manisha Pal, Sharmistha Mishra, Rakhi Majumder, Debasree Sahoo, Amita Mandal, Sudipta Giri, Bidisha Das, Gouri Mirdha, Piyali Parui, Rita Dutta, Riya Naskar, Khuku Barik, Rimi Senapati, Pramila Patra, Srabanti Bera, Sulekha Das, Manu Mandal.

Post-basic B.Sc. Nursing: 2017–2019 (21 candidates)

1. Bulbul Mukherjee 2. Tania Singha 3. Soma Kuila 4. Maedhumita Khatua 5. Nilanjana Das 6. Tulika Banerjee 7. Kabita Das 8. Pampa Das 9. Munmun Roy 10. Tania Mirja 11. Soma Jana 12. Rita Jana 13. Sumita Maity 14. Anita Paul 15. Indrani Samanta 16. Ranu Maity 17. Nilanjana Bhattacharjee 18. Jyanati Jana 19. Sumana Nandi 20. Sudipta Ghoshal 21. Sampa De.

M.Sc. Nursing: 2016–2018 (4 candidates)

Sudipta Mandal, Nibedita Sahoo, Susmita Halder, Aditi Sahu

M.Sc. Nursing: 2017–2019 (2 candidates)

Swapna Giri, Najnina Khatun

EXPERIENCE PROGRAMME

Students come from different institutions like:

B. M. Birla Heart Research Centre, R. N. Tagore Hospital, K.P.C. Medical College Hospital, Woodlands Hospital, RKM Seva Prathisthan Hospital, Ma Sarada College of Nursing, Ruby General Hospital, West Bank Hospital, etc.

FACULTY PERFORMANCE

Nursing Officers are working as Nursing Administrator, Manager of a Ward, Clinical Teaching with Bed Side Demonstrations of the procedure related to the Patients' care. Class Room Teaching, Rural & Urban Community Supervision and Teaching.

Nursing Officers and Staff Nurses also use to attend various in-service educations Programme, Workshops, Seminars and Conferences organized by the various departments of this institution and arranged & organized by the N.S. Office.

N.S., P.N.O., Sr. Sister Tutors, some of the D.N.S. are involved in teaching and Sister Tutors are paper setter and examiner of the WBNC . Nursing Superintendent and some DNS are responsible for annual inspection of different College of Nursing and School of Nursing, assigned by the INC & WBNC.

SUPERANNUATIONS IN 2018

SN	Name	Designation	Status	Date
1	Smt. Samapti Chakraborty	Deputy Nursing Superintendent Gr -I(i)b	Superannuation from SSKM	31.01.2018
2	Sr. Subra Basu Majumder	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	31.01.2018
3	Sr. Subhra Mitra	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	31.01.2018
4.	Sr. Mina Bandopadhyay	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	31.01.2018
5	Sr. Mitali Das	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	31.01.2018
6	Sr. Bani Mitra	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	31.01.2018
7	Sr. Sabita Mukherjee	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	28.02.2018
8	Sr. Ratna Das(2)	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	28.02.2018
9	Sr. Arati Sikdar	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	31.05.2018
10	Sr. Putul Chakraborty	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	30.06.2018
11	Sr. Sathi Bhattachariya	Sr-In-Charge Gr -I(ii)	Superannuation from SSKM	31.08.2018

SANCTIONED STRENGTH OF BEDS AND NURSING PERSONNEL AND CURRENT VACANCY

General Bed + Special Bed	1700
ICCU+ITU+CCU+RCU	150
Total Bed	1850
Total OT 46, Cold OT 16, LR-2, Labor Table-06,	EOT-14, Minor OT & OPD OT-26 Total no. of OPD-21

Sanctioned strength of Nursing personnel in Hospital Nursing Administration and Education -1108

Total sanctioned strength of staff nurses – 1089

- Posts filled-up – 883
(NS-01, DNS-10 out of 50 for three shifts, Sister-In-Charge - 96 out of 110 for three shifts, Staff Nurses – 775 out of 1089 for three shifts)
- Total vacant post- 225

Smt. Kalyani Dey, Staff Nurse, has been declared as the recipient of the Most Humane Nurse Award 2018.

Nursing Training School

Nursing Training School, I.P.G.M.E.&R , S.S.K.M. Hospital, Kolkata came into being in 1956 and it's a long course of time the school has since been stepping forward with achieving glory and excellence in producing skilled nursing students to the State.

The Set up of the school comprised of Principal Nursing Officer, Group-A of West Bengal General Service Cadre, Govt. of West Bengal with a fully fledged Office;

Government has been pleased to sanction a separate eight (08) storied compact building for Nursing Training School of which construction work is completed.

Student strength of GNM -235 with 100 yearly Intake,
Duration of the GNM Course — 3 years.
Academic Session-September to August each year for the present.

No. of Students undergoing training year wise:-

- 1st Year - 96 (Four students left) (Newly admitted on September 2018)
- 2nd Year – 95 (Five students left in AY 2016-17)
- 3rd Year – 44
- Internee – 46 (Released on September 2018)

Teaching Faculty -26

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 taken to ensure healthy training atmosphere to the students.

About the annual results of the students:

- 46 3rd year students have completed successfully their 3rd year GNM council examination in August 2017 and with 100% result, and Released on September 2018.
- 44 2nd year GNM students are completed their 2nd year GNM Council Examination in August 2018 and with 100% result, and started 3rd year GNM from September 2018 to August 2019
- 95 1st year GNM students are completed their 1st year GNM Council Examination in August 2018 and with 98.95% result, and started 2nd year GNM from September 2018 to August 2019.
- The newly admitted 96 (Ninety Six) 1st year GNM students started session from September 2018 to August 2019.

Apart from undergoing theoretical and practical training students are being sent for gaining Clinical Experience to the following places beside SSKM Hospital for completing the syllabus.

- Institute of Psychiatry & Centre of Excellence.
- Bangur Institute of Neuroscience.
- Chittaranjan Seva Sadan Hospital for Midwifery & Obstetrics experiences.

For gaining another phase of experience in Rural Community Health Nursing within the curriculum, the students are sent to the different P.H.C., Sub-Centres 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,
- D. L. Khan Road,
- Rupnarayan Nandan Lane

For further exposure of experience, the students are taken to the various organizations like:

- Water Treatment Plant, Garden Reach
- Sewage Treatment Plants under Garden Reach Municipality
- Central Dairy Plant, Belgachia, Kolkata

- I.D. & B.G. Hospital, Beliaghata, Kolkata
- Bengal Chemical Industry, Maniktala, Kolkata
- Old Age Home, Little Sister of The Poor, Kolkata
- Blind School, Light House for The Blind, Rashbihari avenue, Kolkata

Among 26 teachers, 07 of them are in study leave for undergoing M.Sc. Nursing. One (01) teacher is working on detailment to WBNC. As a part of the curriculum, the school organizes various programmes on special occasions throughout the year. Besides, the teachers also participate in different workshops and National Health Programmes from time to time to update them.

Every year students take active participation in the state-level S.N.A. annual sports. Cultural competitions, and educational trips and in various Health related programmes under the guidance of all dedicated & responsible teachers.

For best academic performances, school recommends the following students to receive medals for 2017-18 Academic Session on the occasion of foundation day of IPGME&R-SSKM Hospital on 16th January, 2019:

1. 3rd Year G.N.M. Student — Sonali Mondal
2. 2nd Year G.N.M. Student — Trisha Sarkar
3. 1st Year G.N.M. students – Samima Khatun

Faculty in position at the Nursing Training School

Sl. No	Faculty Name	Post held with grade
1	JYOTSNA BERA	Principal Nursing Officer, Gr-I(i)(a), WBGS
2	NANDA SINGHA	Sr. Sister Tutor, Gr-I(i)(b), WBNS
3	LIPIKA ROY MUKHOPADHYAYA	Sr. Sister Tutor, Gr-I(i)(b), WBNS
4	PAPIYA DAS	Sr. Sister Tutor, Gr-I(i)(b), WBNS
5	MITALI CHAKRABORTY	Sister Tutor, Gr-I(ii), WBNS
6	IRA PALIT	Sister Tutor, Gr-I(ii), WBNS
7	DEBJANI DEY	Sister Tutor, Gr-I(ii), WBNS
8	DIPALI MAHAPATRA	Sister Tutor, Gr-I(ii), WBNS
9	JHUMA BHATTARCHYA	Sister Tutor, Gr-I(ii), WBNS
10	MUNMUN JOARDAR	Sister Tutor, Gr-I(ii), WBNS
11	NABANITAPATTANAYAK	Sister Tutor, Gr-I(ii), WBNS
12	ANANYA ROY	Sister Tutor, Gr-I(ii), WBNS
13	MADHURIMA MAJUMDAR	Sister Tutor, Gr-I(ii), WBNS
14	TANNISTHA MAJI	Sister Tutor, Gr-I(ii), WBNS
15	TIRNA SIKDAR	Sister Tutor, Gr-I(ii), WBNS
16	CHHANDANA BERA	Sister Tutor, Gr-I(ii), WBNS
17	SHILPA CHANDRA	Sister Tutor, Gr-I(ii), WBNS
18	ASIMA DAS	Sister Tutor, Gr-I(ii), WBNS

List of faculty of the Nursing Training School on detailment or study leave

SN	Faculty Name	Post held with grade
19	CHANDRIMA MAITY	Sr. Sister Tutor, Gr-I(i)(b), WBNS
20	PIYALI HAZRA	Sister Tutor, Gr-I(ii), WBNS
21	ANKITA NATH	Sister Tutor, Gr-I(ii), WBNS
22	SWAPNA GHOSH	Sister Tutor, Gr-I(ii), WBNS
23	MITA CHATTERJEE	Sister Tutor, Gr-I(ii), WBNS
24	ROMI DEVNATH	Sister Tutor, Gr-I(ii), WBNS
25	SASWATI DUTTA	Sister Tutor, Gr-I(ii), WBNS
26	ATASI RANI MONDAL	Sister Tutor, Gr-I(ii), WBNS

Postgraduate and postdoctoral seats listing – 2018

Name of the university with which courses are affiliated

The West Bengal University of Health Sciences
DD-36, Sector I, Salt Lake, Kolkata – 700064.

Degree seats

SN	Name of subject	No. of PG Degree seats 2018	No. of seats under all-India quota	No. of seats under state quota	Latest status of PG seats in Reference / Notification No. of MCI / MOHFW, Govt. of India with date / year of recognition / approval of subjects
1	MD (Anatomy)	05	02 (2R)	03 (2R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed.
2	MD (Biochemistry)	07	04 (4R)	03 (3R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed.
3	MD (Physiology)	05	03 (3R)	02 (2R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed.
4	MD (Microbiology)	04	02 (2R)	02 (2R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed.
5	MD (Pathology)	10	05 (5R)	05 (5R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010 recognized 10 seats and permitted 4. Letter No. MCI-55(22)/2013/Med/102763 dated 07.09.2013 withdrew recognition of the 4 permitted seats.
6	MD (Pharmacology)	06	03 (3R)	03 (3R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed.
7	MD (Anesthesiology)	14	07 (7R)	07 (7R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed.
8	MD (General Medicine)	15	07 (6R + 1P)	08 (6R + 2P)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Recognition of permitted seats withheld by letter in Sep, 2014. Reinspection done in Jun 2015. Subsequently recognized. Additional 2 seats permitted from 2017 by letter No. U.121011/25/2016-ME-I [FTS 3090566] dated 28.03.2017.
9	MD (Pediatrics)	09	04 (2R + 3P)	05 (2R + 2P)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed. Additional 3 seats permitted and further 2 seats permitted from 2017 by letter No. U.121011/25/2016-ME-I [FTS 3090566] dated 28.03.2017.
10	MD (Psychiatry)	04	02 (2R)	02 (2R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010.
11	MD (T.B. & Respiratory)	03	01 (1R)	02 (1R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed.

12	MD (Radiodiagnosis)	12	06 (4R + 2P)	06 (4R + 2P)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed. Additional 4 seats permitted in 2018.
13	MS (Obstetrics. & Gynecology)	12	06 (6R)	06 (6R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed by Letter No. MCI-55(22)/2014-Med dt. 31.05.14.
14	MS (ENT)	04	02 (2R)	02 (2R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010.
15	MS (General Surgery)	19	10 (8R + 2P)	09 (7R + 2P)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently confirmed. Additional 4 seats permitted in 2018.
16	MS (Orthopedics)	06	03 (3R)	03 (3R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Subsequently recognized.
17	MD (Physical Medicine & Rehabilitation)	06	03 (1R + 2P)	03 (1R + 2P)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Reinspection done in Jul, 2016. Additional 3 seats permitted from 2017 by letter No. U.121011/25/2016-ME-I [FTS 3090566] dated 28.03.2017.
18	MD (Dermatology, Venereology & Leprosy)	05	03 (3R)	02 (3R)	MCI-23(I)/2009-MED/77225 dt. 28.02.10 MOHFW NO. U12012/988/2009-ME(P.II)Pt dt. 30.03.2010. Subsequently confirmed.
19	MD (Radiotherapy)	06	03 (3R)	03 (3R)	MCI-23(I)/2007-MED/62233 dt. 06.01.2010 MOHFW NO: U12012/988/2009-ME (PII) Pt. dt. 04.02.2010. Subsequently confirmed.
	TOTAL	152	76 (66 R + 10P)	76 (66R + 10P)	

Diploma seats

SN	Name of subject	No. of PG Diploma seats 2018	No. of seats under all- India quota	No. of seats under state quota	Latest status of PG seats in Reference / Notification No. of MCI / MOHFW, Govt. of India with date / year of recognition / approval of subjects
1	Dip. in Anesthesiology (DA)	0	0	0	Recognition to 04 seats (total 06 recognized seats earlier) withdrawn by Letter No.MCI-55(22)/2013/Med/102811 dated 07.09.2013. Remaining 02 seats given up from 2017 by institute in consultation with WBUHS.
2	Dip. in Otorhinolaryngo- logy (DLO)	0	0	0	Full capacity of 04 seats given up from 2018 by institute in consultation with WBUHS.
3	Dip. in Medical Radiodiagnosis (DMRD)	0	0	0	Recognition to all 10 seats (total 10 recognized seats earlier) withdrawn by Letter No. MCI-55(22)/2013/Med/102743 dated 07.09.2013.

4	Dip. in Medical Radiotherapy (DMRT)	4	2	2	Recognized 04. Recognition to 04 seats (total 08 recognized seats earlier) withdrawn by Letter No.MCI-55(22)/2013/Med/102747 dated 07.09.2013.
5	Dip. in Psychological Medicine (DPM)	0	0	0	Full capacity of 10 seats given up from 2018 by institute in consultation with WBUHS.
6	Dip. in Dermatology & Venereology (DDVL)	0	0	0	Recognition to all 08 seats (total 08 recognized seats earlier) withdrawn by Letter No. MCI-55(22)/2013/Med/102648 dated 07.09.2013.
TOTAL		4	2	2	

DM and MCh seats

SN	Course	Total seats	Status in Dec 2018
1	DM Cardiac Anesthesiology	2	Recognized 2
2	DM Cardiology	9	Recognized 9
3	DM Endocrinology	6	Recognized 6
4	DM Gastroenterology (Medical)	5	Recognized 5
5	DM Hepatology	2	Recognized 2
6	DM Neonatology	2	Permitted 2
7	DM Nephrology	6	Recognized 6
8	DM Neurology (Neuromedicine)	7	Recognized 7
9	DM Rheumatology	2	Recognized 2
10	MCh Cardiothoracic & Vascular Surgery	6	Recognized 6
11	MCh Gastrointestinal Surgery	1	Permitted 1
12	MCh Pediatric Surgery	2	Recognized 2
13	MCh Plastic Surgery	6	Recognized 6
14	MCh Neurosurgery	8	Recognized 8
15	MCh Urology	5	Recognized 5
TOTAL		69	Recognized 66 Permitted 3