

Government of West Bengal

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

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



Annual Report for the Year 2017

Released on 62nd Foundation Day – Jan 16, 2018



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,

Another eventful year passes into history and it is my pleasure to welcome you all to the 62nd Foundation Day Ceremony of this great institute for medical education and research in India. This is an annual celebration to recognize our past and reiterate awareness of who we are, what we value and where we should be going. On this auspicious occasion I wish to congratulate the entire faculty, nursing and other staff, residents and undergraduate medical, nursing and paramedical students for their contributions to patient care and all-round development.

Over the last few years, the institute has been undergoing steady upgradation. The departments of Radiotherapy, Neonatology, Microbiology, Urology, Nephrology, Orthopedics, and School of Digestive and Liver Diseases (SDLD) are being upscaled. The construction of the Trauma Centre has been completed till the 11th floor. It should be operational in 2018. Additionally, construction of nine storied OPD complex has started and the pending floors of the new Academic Building are being spruced up. The nearby Ramrikdas Harlalka Hospital on Asutosh Mukherjee Road has been converted to a full-fledged annex of the Bangur Institute of Neuroscience. The greatly expanded Institute of Psychiatry has become declared a Center of Excellence by the Government of India and has celebrated its 200 year service to the mentally ill with great dignity this year. The new 750-seated auditorium, reflecting institution's status as a premier centre for education and research, has been inaugurated and is the venue for this years celebrations.

On the academic front, there is a rising curve in academic and research activities as is evident from the annual report. The institute has been successfully running undergraduate, postgraduate and postdoctoral courses in medicine and nursing along with different paramedical courses. All the postgraduate and postdoctoral seats which were enhanced from 2010 onwards have now been recognized by Medical Council of India. MCh course in Surgical Gastroenterology has started. There has been further capacity addition in MD seats in General Medicine, Pediatric Medicine and Physical Medicine & Rehabilitation. Efforts are ongoing to expand MD seats in Psychiatry and start MD in Community Medicine. From 2016 onwards, the DNB board has been selecting our institute as the Zonal Examination Center.

To students I would like to remind that 'Service to mankind is service to God'. You must be proud to have got this opportunity to serve humanity. I pray that all of you will mature into honest doctors, ready to serve one and all, specially the poor and the downtrodden, with compassion and competence. You must uphold the prestige of your institution and the nobility of your profession.

I convey my sincere gratitude and thanks to the Dean, MSVP, deputy and assistant superintendents, teachers, students, medical and nursing and group D colleagues, technical and office staff, officials of the civil and electrical PWD department for their wholehearted assistance, cooperation and suggestions. My deep gratitude to my higher officials of the Department of Health & Family Welfare, Government of West Bengal for their guidance and support.

Prof. Ajay Kumar Ray
Director, IPGME&R, Kolkata

Date: 29/12/2017

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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 2017

Examination	Subject	Students
1st Professional MBBS	Anatomy	Ishani Gupta
	Physiology	Srijoni Ghoshdastidar
	Biochemistry	Pratim Saha
2nd Professional MBBS	Pathology	Sourav Chakraborty
	Microbiology	Saikat Sen
	Pharmacology	Riya Bera
	Forensic Medicine & Toxicology	Riya Bera
3rd Professional MBBS Part I	Community Medicine	Chandramouli Goswami
	Ophthalmology (Eye)	Chandramouli Goswami
	Otorhinoaryngology (ENT)	Chandramouli Goswami
3rd Professional MBBS Part II	Medicine	Rimjhim Basak
	Surgery	Avishikta Das
	Obstetrics & Gynecology	Rahul Manna
	Pediatrics	Rimjhim Basak Avishikta Das Buddhadeb Chatterjee Sayantan Chakraborty

Medal awards

1.	Sir Ronald Ross Oration 2018	Prof. Samir Bhattacharya INSA Senior Scientist
2.	Dr. Arun Banerjee Memorial Oration 2018	Prof. Anurag Srivastava Head, Dept. of Surgery, AIIMS, New Delhi
3.	Medal for Proficiency in Annual Examination – MD (General Medicine) Session 2015-2018	
4.	Medal for Proficiency in Annual Examination – MS (General Surgery) Session 2015-2018	Dr. Bikram Haldar
5.	Medal for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2015-2018	Dr. Shikha Singh
6.	Medal for Proficiency in Thesis Work – MD (General Medicine) Session 2015-2018	
7.	Medal for Proficiency in Thesis Work – MS (General Surgery) Session 2014-2017	Dr. Arnab Chakraborty
8.	Medal for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2015-2018	Dr. Pooja Sahu
9.	Prof. Amal Kumar Bose Memorial Award for obtaining highest marks in MD (Anesthesiology) 2017 from IPGME&R	Dr. Debdeep Basu
10.	Dr. Prabir Sengupta Memorial Award for excellence in MD (Radiodiagnosis) 2017 from IPGME&R	—
11.	Madhusudan Saha Memorial Award for obtaining highest marks in MS (General Surgery) 2017 from IPGME&R	Dr. Partha Sarathi Mandal
12.	Niharbala Ghosh Memorial Award for obtaining highest marks in MS (Obstetrics & Gynecology) 2017 from IPGME&R	Dr. Dipannita Chakraborty
13.	Dr. Purnima Mukherjee & Smt. Kalyani Dutta Gupta Award for best thesis in Anesthesiology in 2017 among students of IPGME&R	Dr. Swarupa Roychoudhury
14.	Dr. K. P. Sengupta Memorial Award for highest marks in MD Pathology university examination in 2017 among students of IPGME&R.	Dr. Madhumita Paul
15.	Pushpa Rani Saha Memorial Award for obtaining highest marks in Surgery in Final MBBS Examination 2017 from lady students of IPGME&R	Ms. Avishikta Das
16.	Medal for proficiency in Final General Nursing & Midwifery Examination 2017	Ms. Sujata Gurai
17.	Medal for proficiency in Second Year General Nursing & Midwifery Examination 2017	Ms. Saptami Mondal
18.	Medal for proficiency in Preliminary General Nursing & Midwifery Examination 2017	Ms. Trisha Sarkar Ms. Shabnam Sultana
19.	Medal for proficiency in BPT Final Examination 2017	Ms. Pooja Karmakar

Certificate awards

1. Certificate for Senior Prosectorship in Anatomy	Ishani Gupta
2. Certificate for Senior Class Assistantship in Physiology 2017	Arka Thakur
3. Certificate for Junior Class Assistantship in Physiology 2017	Arijit Sinha
4. Certificate for Senior Class Assistantship in Biochemistry 2017	Pratim Saha
5. Certificate for Junior Class Assistantship in Biochemistry 2017	Rick Maity
6. Certificate for Senior Class Assistantship in Pathology 2017	Amrita Ray
7. Certificate for Junior Class Assistantship in Pathology 2017	Aahel Bandyopadhyay
8. Certificate for Senior Class Assistantship in Microbiology 2017	Subhojyoti Ghosh
9. Certificate for Junior Class Assistantship in Microbiology 2017	Amrita Ray
10. Certificate for Senior Class Assistantship in Pharmacology 2017	Meenakshi Khemka
11. Certificate for Junior Class Assistantship in Pharmacology 2017	Amrita Ray
12. Certificate for Senior Class Assistantship in Community Medicine 2017	Meenakshi Khemka
13. Certificate for Junior Class Assistantship in Community Medicine 2017	Md. Wamique Izhar
14. Certificate for Senior Class Assistantship in Eye 2017	Riya Bera
15. Certificate for Junior Class Assistantship in Eye 2017	Saikat Sen
16. Certificate for Senior Class Assistantship in ENT 2017	Sourav Chakraborty
17. Certificate for Junior Class Assistantship in ENT 2017	Sayantani Jana
18. Certificate for Senior Class Assistantship in Medicine 2017	Saikat Sen
19. Certificate for Junior Class Assistantship in Medicine 2017	Chandramouli Goswami
20. Certificate for Senior Class Assistantship in Surgery 2017	Sikha Sharma
21. Certificate for Junior Class Assistantship in Surgery 2017	Chandramouli Goswami
22. Certificate for Senior Class Assistantship in ObGy 2017	Debroop Sengupta
23. Certificate for Junior Class Assistantship in ObGy 2017	Debtanu Banerjee
24. Certificate for Senior Class Assistantship in Pediatrics 2017	Kumar Arghya Prasanna Mondal
25. Certificate for Junior Class Assistantship in Pediatrics 2017	Niladri Das
26. Certificate of Merit: Highest marks in 1st MBBS: IPGME&R 2017	Sankha Gayen
27. Certificate of Merit: Highest marks in 2nd MBBS: IPGME&R 2017	Chandramouli Goswami
28. Certificate of Merit: Highest marks in 3rd MBBS Part I: IPGME&R 2017	Debroop Sengupta
29. Certificate of Merit: Highest marks in 3rd MBBS Part II: IPGME&R 2017	Srijoni Ghosh Dastidar
30. First Certificate of Merit: Annual Examination: Medicine 2015-2018	Saikat Sen
31. First Certificate of Merit: Annual Examination: Surgery 2015-2018	Chandramouli Goswami
32. First Certificate of Merit: Annual Examination: ObGy 2015-2018	Rimjhim Basak
33. Second Certificate of Merit: Annual Examination: Medicine 2015-2018	Dr. Rajarshi Dutta
34. Second Certificate of Merit: Annual Examination: Surgery 2015-2018	Dr. Shantanu Krishna Agarwal
35. Second Certificate of Merit: Annual Examination: ObGy 2015-2018	Dr. Neha Jain
36. First Certificate of Merit: Thesis Work Proficiency: Medicine 2015-2018	Dr. Saugat Das Gupta
37. First Certificate of Merit: Thesis Work Proficiency: Surgery 2014-2017	Dr. Avishek Mandal
38. First Certificate of Merit: Thesis Work Proficiency: ObGy 2015-2018	Dr. Pooja Sahu
39. Second Certificate of Merit: Thesis Work Proficiency: Medicine 2015-2018	Dr. Subir Sen
40. Second Certificate of Merit: Thesis Work Proficiency: Surgery 2014-2017	Dr. Bapan Kumar Pradhan
41. Second Certificate of Merit: Thesis Work Proficiency: ObGy 2015-2018	Dr. Neha Jain
42. Certificate of Merit for being the Most Humane Nurse 2017	Dr. Saugat Das Gupta
	—
	Dr. Subrata Debnath
	Sr. Anjushree Chattopadhyay

Postgraduate MD / MS Students clearing University Examination in 2017

MD [Anesthesiology]

- Dr. Swarupa Roychodhury (SQ)
- Dr. Dipak Mandal (SQ) (Service)
- Dr. Subhasis Ghosh (SQ) (Service)
- Dr. Debdeep Basu (SQ) (Service)
- Dr. Amartya Das (AIQ)
- Dr. Rituparna Murmu (AIQ)
- Dr. Sushovan Chakrabarti (AIQ)
- Dr. Monikaagrawal (AIQ)
- Dr. Pratishtha Yadav (SQ)
- Dr. Arka Das (AIQ)
- Dr. Soumya Chakrabarti (AIQ)
- Dr. Dilip Kumar Singri (AIQ)
- Dr. Jitendra Thakur (SQ)
- Dr. Tapas Kumar Barman (SQ)

MD [Anatomy]

- Dr. Raag Reeti (AIQ)
- Dr. Rajarshi Datta (SQ)
- Dr. Suhit Samaddar (SQ) (Service)
- Dr. Moumita Chatterjee (SQ) (Service)

MD [Biochemistry]

- Dr. Bablu Saren (SQ) (Service)
- Dr. Chandramallika Paul (SQ)
- Dr. Ananya Kundu (AIQ)
- Dr. Suparba Chakrabarti (AIQ)
- Dr. Anindya Prakash Ghosh (AIQ) (Govt. Sponsored)
- Dr. Indrajyoti Sarkar (AIQ)
- Dr. Sabyasachi Sarkar (AIQ)

MD [Dermatology]

- Dr. Abhijit Das (SQ) (Service)
- Dr. Bidweshwar Verma (SQ)
- Dr. Neha Sharma (SQ)
- Dr. Abdul Khader Mohamed Ajmal (AIQ)
- Dr. Nishant Choudhary (AIQ)

MD [General Medicine]

- Dr. Snehasis Das (SQ) (Service)
- Dr. Biswajit Ghosh (SQ) (Service)
- Dr. Subhasis Majhi (SQ)
- Dr. Adrija Hajra (SQ)
- Dr. Deb Deep Mondal (AIQ)
- Dr. Anindya Sengupta (AIQ)
- Dr. Anindya Mondal (AIQ)
- Dr. Arpan Dutta (AIQ)
- Dr. C. Zarzosangi (AIQ)
- Dr. Abhishek Mukherji (AIQ)
- Dr. Pratyush Biswas (SQ) (Service)
- Dr. Abhishek Chowdhury (SQ)
- Dr. Soumya Ghosh (SQ)

MD [Microbiology]

- Dr. Arjun Dutta (SQ)
- Dr. Tamas Das (AIQ)
- Dr. Munmun Sarkar (AIQ)
- Dr. Anjan Kumar Das (SQ) (Service)

MS [Obstetrics & Gynecology]

- Dr. Tarun Kumar Das (SQ) (Service)
- Dr. Gopi Krishna Soren (SQ) (Service)
- Dr. Soma Soren (SQ)
- Dr. Abhijit Das (AIQ)
- Dr. Shreeja Karan (AIQ)
- Dr. Dipannita Chakraborty (AIQ)
- Dr. Geetanjali Kanwar (AIQ)
- Dr. Sukanya Roy (AIQ)
- Dr. Samiksanyal (SQ)
- Dr. Payel Mondal (SQ)
- Dr. Tahira Parvin (SQ)

MS [Orthopedics]

- Dr. Pratik Agarwal (SSKM Trust) (SQ)
- Dr. Satyajit Mura (SQ)
- Dr. Arup Saha (SQ) (Service)
- Dr. Pratik Mundhara (AIQ)
- Dr. Amit Ranjan Vidyarthi (AIQ)
- Dr. Sumanta Panja (AIQ)

MS [Otorhinolaryngology]

- Dr. Somsubhra Bag (SQ) (Service)
- Dr. Promit Patra (SQ)
- Dr. Prasanta Kander (SQ) (Service)

MD [Pathology]

- Dr. Soma Sabui (SQ) (Service)
- Dr. Moumita Chatterjee (SQ) (Service)
- Dr. Madhimitapaul (AIQ)
- Dr. Goutam Bera (AIQ)
- Dr. Piyali Poddar (AIQ)
- Dr. Zeenat Ara (AIQ)
- Dr. Dipan Das (AIQ)
- Dr. Adahra Patricia Beso (AIQ)
- Dr. Mousumi Kar (SQ)
- Dr. Madhu Kumari (SQ)

MD [Pediatrics]

- Dr. Sudipta Dhak (AIQ)
- Dr. Partha Pratim Paul (AIQ)

MD [Pharmacology]

- Dr. Anindita Pal (SQ)
- Dr. Manjari Kumari (AIQ)
- Dr. Amritendu Mandal (AIQ)
- Dr. Monalisa Dhua (SQ) (Service)
- Dr. Banhisikha Adhikari (SQ)

MD [Physiology]

- Dr. Aparajita Mitra (AIQ) (Service)
- Dr. C. Biakhlapuii (AIQ)
- Dr. Uday Sarkar (AIQ) (Service)
- Dr. Sanchari Ghosh (SQ)
- Dr. Manaswee Ray (SQ)

MD [Physical Medicine & Rehabilitation]

- Dr. Sayani Haldar Mondal (AIQ)
- Dr. Subhasish Pati (AIQ)
- Dr. Labani Biswas (SQ)

MD [Psychiatry]

- Dr. Alok Kumar Mandal (SQ) (Service)
- Dr. Aritra Chakraborty (SQ)

MD [Radiodiagnosis]

- Dr. Manish Kumar (SQ)
- Dr. Koushik Mandal (SQ)
- Dr. Sujata Bhowal (AIQ)
- Dr. Moon Kanjilal (AIQ)
- Dr. Shweta Kothari (SQ)
- Dr. Koushik Kumar Nayak (AIQ)
- Dr. Lovepreet Singh Randhawa (AIQ)

MD [Radiotherapy]

- Dr. Abhinaba Acharya (SQ) (Service)
- Dr. Sreyes Ravi (AIQ)
- Dr. Vasudha Narayanaswamy (AIQ)
- Dr. Dharmendra Singh (SQ)
- Dr. Soma Halder (SQ)
- Dr. Tanmay Bapari (SQ)

MS [General Surgery]

- Dr. Durga Prasad Nanda (SSKM Trust) (SQ) (Service)
- Dr. Somdev Sii (SQ)
- Dr. Maheswar Murmu (SQ)
- Dr. Ankit Misra (AIQ)
- Dr. Arnab Chakraborty (AIQ)
- Dr. Bapan Kumar Pradhan (AIQ)
- Dr. Milton Swarnakar (AIQ)
- Dr. Partha Sarathi Man Dal (AIQ)
- Dr. Sumit Kabra (AIQ)
- Dr. Kumar Dheeraj (AIQ)
- Dr. Dipankar Saha (SQ) (Service)
- Dr. Chiranjit Mukherjee (SQ)

MD [TB & Respiratory Medicine]

- Dr. Somnath Sinha Roy (SQ) (Service)
- Dr. Jyotirmoy Ghanta (SQ)
- Dr. Sibkinkar Lala (AIQ)

Postgraduate Diploma Students clearing University Examination in 2017

DA

- Dr. Mrinal Kumar Mallick (AIQ)

DMRT

- Dr. Varghese Antony (AIQ) (Service)

DPM

- Dr. Jishnu Bhattacharya (SQ) (Service)
- Dr. Dhimanmondal(AIQ)
- Dr. Saurabh Kumar Chattapadhyay (SQ) (Service)
- Dr. Rahul Bansal (AIQ)
- Dr. Krishnendu Ghosh (SQ) (Service)

DLO

- Dr. Sangeetha Kumari (AIQ)
- Dr. Monaj Kumar Khan (SQ) (Service)
- Dr. Pragna Paramita Chattaraj (SQ)

Postgraduate Students clearing University Supplementary Examination in 2017

MS [ObGy]

- Gunjan Bhat (AIQ)

MD [Radiodiagnosis]

- Mahuya Ghosh

DPM

- Soukhin Biswas
- Soma Das
- Gunjesh Kumar

MD [Pediatrics]

- Joydev Kisku

MS [General Surgery]

- Bhaswati Ray (SQ) (Service)
- Safikul Islam (SQ) (Service)

Postdoctoral Students clearing University Examination in 2017

MCh [Neurosurgery]

- Dr. Pallav Agarawal
- Dr. Nawkhare Ritesh Nathuji
- Dr. Shubhamitra Chaudhuri
- Dr. Abhishek Kumar
- Dr. Aditya Mantry
- Dr. Maruti D. Puji

DM [Cardiology]

- Dr. Amit Kumar Jha
- Dr. Prashnt Kumar
- Dr. Priyanka Mondal
- Dr. Tushar Kanti Patra
- Dr. Kaushik Paul
- Dr. Gouranga Sarkar
- Dr. Anurag Passi
- Dr. Somnath Mukherjee

DM [Neonatology]

- Dr. Somnath Pal
- Dr. Ratan Kumar Biswas

MCh [Plastic Surgery]

- Dr. Nikhil Kumar Das
- Dr. Margaj Vishrabdha Chandrakant
- Dr. Sudipta Bera
- Dr. Vivek Gupta
- Dr. Ashwani Kumar
- Dr. Khan Rafat Ali

DM [Endocrinology]

- Dr. Ashok Kumar
- Dr. Wagh Onkar Deviprasad
- Dr. Manoj Kumar Madhukar Patil
- Dr. Umakanta Mahapatra
- Dr. Satyaki Manna
- Dr. Subhod Ppramanik

DM [Nephrology]

- Dr. Divyaveer Smita Subhash
- Dr. Umesh Dubey
- Dr. Sandeep Saini
- Dr. Avinandan Banerjee
- Dr. Koushik Bhattacharjee
- Dr. Vishnuvardhan B. R.

MCh [Urology]

- Dr. Dipak Kumar Bera
- Dr. Sayak Roy
- Dr. Vipin Chandra
- Dr. Surajit Sasmal
- Dr. Kartik Sridhar

DM [Medical Gastroenterology]

- Dr. Arghya Chattopadhyay
- Dr. Abhinandan Mishra
- Dr. Debjoy Sau
- Dr. Nischay R.
- Dr. Bipul Barman

DM [Neurology]

- Dr. Dinesh
- Dr. Anjan Debnath
- Dr. Koushik Pan
- Dr. Anurag Satpathy
- Dr. Sweetie Trivedi
- Dr. Urmila Das
- Dr. Anand Choudhari

MCh [CTVS]

- Dr. Debajyoti Man Dal
- Dr. Arnab Maity

DM [Hepatology]

- Dr. Saurabh Argal
- Dr. Dipankar Mondal

MCh [Pediatric Surgery]

- Dr. Aneek Roy Chowdhury
- Dr. Nirup Kumar Biswas

DM [Cardiac Anesthesiology]

- Dr. Tanmoy Ganguly
- Dr. Soumi Das

DM [Rheumatology]

- Dr. Sumantro Mondal
- Dr. Rudra Prosad Goswami

Postgraduate Students clearing Fellowship Examination in 2017

Fellowship in Applied Nephrology

- Dr. Sital Chandra De

Fellowship in Critical Care Medicine

- Dr. Bijitendra Kumar Chatterjee
- Dr. Ajanta Khamroi (Sarkar)
- Dr. Shubhabrata Pal
- Dr. Anirban Bhattacharyya

- Dr. Manas Bhattacharyya
- Dr. Shiikh Monazzam Hossain
- Dr. Nilanjan Das
- Dr. Suranjan Sanyal

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	Prof. Monoj Chowdhury, HOD Pathology
11	Dr. Biswajit Khara, MO, Anesthesiology
12	Dr. Sandip Biswas, MO Emergency
13	Superintendent, Sambhu Nath Pandit Hospital
14	Deputy Superintendent, SSKM Hospital
15	Nursing Superintendent, SSKM Hospital
16	Accounts Officer, SSKM Hospital
17	MO In-charge, Blood Bank, SSKM Hospital
18	Officer-In-Charge, Bhawanipur Police Station & DC (South), Kolkata Police
19	Executive Engineer, PWD Civil & PWD Electrical, SSKM Hospital Subdivision
20	Assistant Engineer, PWD Civil & PWD Electrical, SSKM Hospital Subdivision
21	Sri Prabir Dutta, Executive Assistant to Honb'le MIC, MA & UD Department
22	Assistant Superintendents, SSKM Hospital
23	MSVP, IPGME&R-SSKM Hospital [Member Secretary]

IPGME&R and SSKM Hospital Administration

Administrative Officers

Prof. Ajay Kumar Ray	Director
Prof. Manimay Bandyopadhyay	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. Jatin Chandra Sardar	Accounts Officer, IPGME&R (transferred out)
Mr. Anitendu Modak	Accounts Officer, IPGME&R (transferred in)
Mr. Debanjan Biswas	Accounts Officer, SSKM
Mr. Kaustav Ghosh Chowdhuri	Assistant Superintendent, SSKM
Mr. Surajit Sen	Assistant Superintendent, SSKM
Mr. Anindya Banerjee	Assistant Superintendent, SSKM
Mr. Syed Ziaul Mustafa Alquadri	Assistant Superintendent, SSKM
Ms. Sebanti Mukherjee	Assistant Superintendent, SSKM (transferred out)
Mr. Kumar Kanti Mal	Assistant Superintendent, SSKM (transferred in)
Mr. Chanchal Konar	PA to Director
Mr. Soumendra Nath Kundu	PA to MSVP

Administrative Office Staff

Director's Office Section

Sri Debasish Mitra, Head Clerk
 Sri Goutam Bardhan, Stenotypist (Supervisory Gr.)
 [Retired in 2017]
 Sri Sunil Kumar Nath, Store-Keeper [Retired in 2017]
 Smt. Bandana Roy, UDC
 Sri Panchu Gopal Dutta, UDC
 Sri Avijit Kumar Das, UDC
 Sri Barun Kumar Banerjee, UDC
 Sri Pijush Kanti Mondal, UDC
 Sri Soumen Saha, UDC
 Sri Santosh Kumar Mondal, UDC
 Sri Saswata Das, LDC
 Sri Harish Chandra Singha, LDC
 Smt Ruma Acharjee, LDC

 Sri Pradip Kumar Dhar, GDA
 Sri Subhas Chandra Panchadhyayi, GDA
 Sri Apurba Saha, GDA
 Sri Jugeswar Prasad Ram, 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

Student Section (Office of the Dean)

Sri Hariprasad Bhattacharya, Head Clerk
 Sri Swapan Kumar Sarkar, Stenotypist (Gr. I)
 Sri Biswajit Debnath, Computer Operator
 Sri Sanjoy Das, GDA
 Sri Bijoy Kumar Das, GDA
 Sri Ananta Kumar Khatua, Hostel caretaker
 (Contractual)
 Sri Md. Arif, Support Staff (from ERS)
 Sri Barun Malakar, 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. Ajay Kumar Ray	Male	Director, IPGME&R and Professor of Surgery	Clinician
3	Prof. Amal Kanti Das	Male	Head, Dept. of Pharmacology & Dean of Student Affairs, IPGME&R, Kolkata	Pharmacologist
4	Prof. Biswanath Kahali	Male	Head, Dept. of Forensic Medicine, IPGME&R, Kolkata	Forensic expert
5	Prof. Swati Chakravarti	Female	Consultant, Institute of Child Health, Kolkata	Clinician (Pediatrician)
6	Prof. Jayanta Chatterjee	Male	Head, Department of Nuclear Medicine, IPGME&R	Clinician
7	Prof. Bijay Kumar Majumdar	Male	Head, Department of Plastic Surgery, IPGME&R	Clinician
8	Prof. Amal Kumar Santra	Male	Scientist, Department of Gastroenterology, IPGME&R	Basic medical scientist
9	Prof. Rathindranath Dutta	Male	Consultant Dermatologist and Former Head, Department of Dermatology, IPGME&R	Clinician
10	Prof. Rajendra Pandey	Male	Head, Department of Nephrology, IPGME&R	Clinician
11	Dr. Bobby Pal	Female	Assistant Professor, Department of Preventive & Social Medicine, All India Institute of Hygiene & Public Health, Kolkata	Public health expert
12	Mr. Debdu Mukherjee	Male	Advocate, Calcutta High Court	Legal Expert
13	Mr. Arunangshu Shekhar Jana	Male	Social Worker, Mahendraganj, Dist. South 24 Parganas, West Bengal	Social worker
14	Dr. Nila Majumdar	Male	Bengali Teacher, Kolkata	Lay person
15	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/c/PO/02/CPCSEA – renewal pending)

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

Anaesthesiology

FACULTY, MEDICAL OFFICERS AND STUDENTS

Designation	Name
Professor & Head	Prof. Sankari Santra MD, PDCC (Neuroanaesthesia)
Associate Professor	Dr. Sarbari Swaika DA, MD Dr. Chiranjib Bhattacharyya DA, MD Dr. Rajat Choudhuri MD
Assistant Professor	Dr. Rajiv Kumar Samal MD Dr. Samarendra Nath Samui MD Dr. Rajasree Biswas MD, DNB Dr. Suchismita Mallick MD Dr. Amrita Roy MD
Tutor	Dr. Bhabani Moitra DA Dr. Mohona Mukherjee MD Dr. Suchismita Pal MD Dr. Ruchi Shah DA Dr. Anamitra Mondal MD Dr. Prabal Kiran Ghosh DA, MD Dr. Animesh Baul, MD Dr. Priyanka Mondal MD Dr. Ayan Das DA Dr. Raunak Hajari MBBS
Medical Officers	Dr. Arunabha Sarkar MBBS Dr. Biswajit Khanra MBBS Dr. Srabanti Barman MBBS Dr. Prabir Chandra Das MBBS

Postgraduate Trainees

MD students

2014 – 2017 (Cleared MD in 2017)		
Dr. Rituparna Murmu Dr. Sushovan Chakraborty Dr. Dilip Kumar Singri Dr. Pratishtha Yadav Dr. Swarupa Roychoudhury	Dr. Monika Agarwal Dr. Arka Das Dr. Amartya Das Dr. Soumya Chakraborty Dr. Dipak Mondal	Dr. Jitendra Thakur Dr. Tapas Kumar Barman Dr. Subhasis Ghosh Dr. Debdeep Basu
2015 – 2018	2016 – 2019	2017 – 2020
Dr. Siddhartha Chakraborty Dr. Shruti Kundu Dr. Sudeshna Padhi Dr. Vartika Srivastava Dr. Sabnam Seuli Dr. Prashanti Mukherjee Dr. Suraj Majumdar Dr. Aparajita Sinha Dr. Dhananjay Mondal Dr. Anindita Dutta Roy Dr. Dipankar Tripathi Dr. Oindrila Sinha Dr. Moumita Mondal	Dr. Tinku Mondal Dr. Titas Mondal Dr. Purbasha Ray Dr. Debjani Saha Dr. Ria Sonam Dr. Alsaba 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. Sudipto 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

DA students

2016 – 2018

Dr. Yamini Arora

Faculty members resigning during the period 01.11.2016 to 31.10.2017

- Dr. Ratul Kundu
- Dr. Ratul Basu
- Dr. Dhiman Adhikary

REGULAR ACADEMIC ACTIVITIES

- i. Regular classes held thrice a week. Monthly examination for assessment.
- ii. Attending CME programme organized by ISA (WB Branch) at different medical colleges and private medical institutions by postgraduate trainees and teachers.
- iii. Attending various conferences at the state as well as national levels by postgraduate 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 trainees to prepare better for their examination.
- vii. Conducting workshops at regular interval.
- viii. Rotating allotment of postgraduate students to Cardiothoracic OT of Department of Cardiac Anaesthesiology, IPGME&R. Kolkata and Neurosurgery OT of Bangur Institute of Neurology.

Research work (submitted as thesis topics) ongoing

01. Comparison of regional cerebral oxygen saturation and central venous oxygen saturation as predictors of outcome in off pump coronary artery bypass graft surgery patients.

Student: Dr. Shruti Kundu

Guide: Dr. Chaitali Sen

Co-guide: Dr. Anupam Goswami, Dr. Sandeep Kumar Kar

02. Comparison between hemodynamic effects of propofol & etomidate as induction agents in lumbar spinal surgery.

Student: Dr. Aparajita Sinha

Guide: Dr. Amita Pahari

Co-guide: Dr. Saikat Niyogi

03. Comparative evaluation of Proseal laryngeal mask airway and I-Gel with endotracheal tube in laparoscopic cholecystectomy: A randomised controlled study.

Student: Dr. Vartika Srivastava

Guide: Dr. Chiranjib Bhattacharyya

Co-guide: Dr. Sudeshna Bhar Kundu

04. Comparison of hemodynamic and biochemical changes between normal saline irrigation and glycine irrigation in transurethral resection of prostate for benign prostatic hyperplasia- A prospective randomised study.

Student: Dr. Prasanti Mukherjee

Guide: Dr. Sankari Santra

Co-guide: Dr. Dhiman Adhikari, Dr. Debasmita Bandyopadhyay

05. Effect of Desflurane and Sevoflurane on awakening and quality of recovery in patients undergoing general anaesthesia for abdominal surgery: A Randomised double blinded controlled trial.

Student: Dr. Suraj Majumdar

Guide: Dr. Sarbari Swaika

Co-guide: Dr. Ratul Kundu

06. The Abilities of pulse pressure variation and stroke volume variation to predict fluid responsiveness in prone position during lumbar fixation surgery.

Student: Dr. Sudeshna Padhi

Guide: Dr. Amita Pahari

Co-guide: Dr. Indrani Chakraborty

07. A comparative study of 0.5% Bupivacaine with fentanyl versus) 0.75% Ropivacaine with fentanyl in epidural anaesthesia for abdominal hysterectomy.
 Student: Dr. Oindrila Sinha
 Guide: Dr. Sankari Santra
 Co-guide: Dr. Suchismita Mallick

08. Evaluation of APACHE- IV & SAPS-II scoring system and calculation of standardised mortality rate in severe sepsis and septic shock patients: A prospective observational study.
 Student: Dr. Siddhartha Chakraborty
 Guide: Dr. Sarbari Swaika
 Co-guide: Dr. Ratul Basu

09. An analytical observational study on prognostic implication of post operative serial serum lactate level for complications and predicting length of intensive therapy unit stay after major abdominal surgery.
 Student: Dr. Moumita Mondol
 Guide: Dr. Sankari Santra
 Co-guide: Dr. Rajat Choudhury

10. A study to compare hemodynamic response to induction with intravenous etomidate and intravenous midazolam in patients with coronary artery disease posted for coronary artery bypass grafting.
 Student: Dr. Sabnam Seuli
 Guide: Dr. Anupam Goswami
 Co-guide: Dr. Kakali Ghosh, Dr. Suparna Chatterjee

11. Study of the effect of monitoring intraoperative regional cerebral oxygen saturation on post operative cognition in elderly patients undergoing major abdominal surgery.
 Student: Dr. Dhananjay Mandal
 Guide: Dr. Sarbari Swaika,
 Co-guide: Dr. Sudeshna Bhar Kundu

12. A comparative study between intrathecal nalbupine-bupivacaine and fentanyl-bupivacaine for the control of post operative pain in patients undergoing caesarean section under spinal anaesthesia.
 Student: Dr. Dipankar Tripathi
 Guide: Dr. Chiranjib Bhattacharyya
 Co-guide: Dr. Samarendra Nath Samui

13. Recovery characteristics of BIS Guided equisedative infusion of propofol and dexmedetomidine for sedation during spinal anaesthesia in elderly patients undergoing hip surgery: A prospective randomised study
 Student: Dr. Anindita Dutta Roy
 Guide: Dr. Chiranjib Bhattacharyya
 Co-guide: Dr. Rajiv Kumar Samal

14. Comparative study between spinal and epidural with Epidural volume expansion in TAHBSO.
 Student: Dr. Alsaba Najmin Rahman
 Guide: Dr. Chiranjib Bhattacharya
 Co guide: Dr. Samarendra Nath Samui

15. Comparative evaluation in supra clavicular brachial plexus block: Nerve stimulator assisted versus Ultrasonography guided.
 Student: Dr. Soumen Saha
 Guide: Dr. Sankari Santra

16. Comparison of continuous transverse abdominis plane block and continuous epidural analgesia for post operative pain relief in patients following lower abdominal surgery.
 Student: Dr. Rashnita Sengupta
 Guide: Dr. Sankari santra
 Co guide: Dr. Rajat Choudhuri

17. Comparison of effects of propofol and sevoflurane on rso2 in gynaecological laparoscopic surgery.
 Student: Dr. Atul Aman Tiwari
 Guide: Dr. Sankari Santra
 Co-guide: Dr. Samarendra Nath Samui

18. Effect of Dexmedetomidine as an adjunct to ropivacaine in ultrasound guided brachial plexus block via supraclavicular approach- A randomized placebo controlled double blinded trial.
 Student: Dr. Debjani Saha
 Guide: Dr. Amita Acharjee
 Co-Guide: Dr. Rajib Samal

19. Comparative effects of desflurane and isoflurane on intraoperative cerebral hemodynamics, cardiovascular changes and post operative recovery in patients undergoing craniotomy for supratentorial tumors.
Student: Dr. Titas Mandal
Guide: Dr. Amita Acharjee
Co guide: Dr. Sandeep Kumar Kar
20. Comparison of 0.5% bupivacaine with fentanyl versus 0.75% ropivacaine with fentanyl in saddle block anaesthesia in transurethral resection of prostate.
Student: Dr. Samiran De
Guide: Dr. Sarbari Swaika
Co guide: Dr. Rajasree Biswas
21. Prediction of paediatric Endo tracheal tube size by ultrasonography and age based formula: a clinical observational study.
Student: Dr. Sumit Satpathi
Guide: Dr. Chiranjib Bhattacharyya
22. Comparative study on the effects of dexmedetomidine versus fentanyl on airway reflexes and haemodynamic responses to tracheal extubation during abdominal surgery: A double blinded randomized trial.
Student: Dr. Ria Sonam
Guide: Dr. Sarbari Swaika
Co-guide: Dr. Suchismita Mallick
23. A parallel prospective open labeled comparative study between the characteristics of unilateral spinal and paravertebral neuraxial blockade in patients undergoing inguinal herniorrhaphy.
Student: Dr. Purbasha Roy
Guide: Dr. Rajat Choudhury
Co-guide: Dr. Chiranjib Bhattacharyya
24. Effect of prophylactic ondansetron on haemodynamic stability in patients undergoing off pump CABG.
Student: Dr. Megha Chakraborty
Guide: Dr. Chaitali Sen
Co guide: Dr. kakoli Ghosh
25. Awake intubation using Ambuscope in patients with anticipated difficult airway- a comparison between airway nerve block and airway atomization.
Student: Dr. Tinku Mondal
Guide: Dr. Sarbari Swaika
Co- guide: Dr. Amrita Roy
26. Comparative study between intranasal and intravenous dexmedetomidine as a premedication to attenuate haemodynamic response to laryngoscopy and endotracheal intubation in elective lumbar spinal surgery.
Student: Dr. Asit Biswas
Guide: Dr. Saikat Neogi
Co guide: Dr. Indrani Chakraborty

ACADEMIC ACTIVITIES

Presentation of scientific papers by PGTs

- Dr. Sidhartha Chakraborty has achieved first position in KOPS award at 65th Annual National Conference of Indian Society of Anaesthesiologists, ISACON 2017, Kolkata
- Dr. Moumita Mondal has acquired 2nd position in poster presentation in All India Difficult Airway Association workshop 2017.
- Dr. Vartika Srivastava received first prize in paper presentation on the occasion of 61st Foundation Day, 2017 of IPGME&R.
- Dr. Shruti Kundu has achieved first position in Sarojini Devi Memorial paper presentation, 2017 among all Anaesthesiology students of West Bengal.
- Dr. Sidhartha Chakraborty acquired third position in Basudeb Guha Memorial paper presentation, 2017 among all Anaesthesiology students of West Bengal.

FACULTY NEWS

Dr. Sankari Santra

- Convener of MD Anaesthesiology Examination 2017, in IPGME&R under West Bengal University of Health Sciences
- Organizing chairperson in Annual Post Graduate Assembly 2017 organised by Department of Anaesthesiology, IPGME&R
- Thesis Adjudicator in MD Anaesthesiology under West Bengal University of Health Sciences
- Invited as chairperson for a session 'Labour analgesia' in CME organized by ESI Hospital
- Speaker in 13th Annual Post Graduate & 6th CTVA Assembly 2017. Topic: Pediatric Anesthesia.
- Invited Speaker at 65th Annual National Conference of Indian Society of Anaesthesiologists, ISACON 2017, Kolkata. Topic: Anaesthesia & Alzheimer's disease.

Dr. Sarbari Swaika

- Coordinator, Airway Management Workshop, 65th Annual National Conference of Indian Society of Anaesthesiologists, ISACON 2017, Kolkata
- Moderated session in Advances and Controversies in Perioperative Airway Management: 65th ISACON 2017, Kolkata
- Recent advances in Labour Analgesia: 27th ISACON East Zone, October, Jamsedpur
- Faculty in NAC-2017, 8th National Airway Conference, in September, AIIMS, Delhi
- Faculty in ISA Eastern Zonal PG Assembly, October 2017, AIIMS, Bhubaneswar
- Attended ASPA, June 2017, 14th Conference of Asian Society of Paediatric Anaesthesia and participated in Workshop
- Attended 32nd ISSPCON, February 2017 and participated as delegate in Workshop, Jaipur
- Pro-Con Session on Difficult intubation is more common in obese than in lean patients- ASOCON 2017, Kolkata
- Diabetes Mellitus - Perioperative management – PG Assembly 2017
- Organized Symposium " Say No to Cancer Pain" – WBSP 2017

Dr. Chiranjib Bhattacharyya

- Workshop Coordinator for 'Anaesthesia Workstation & Low Flow Anaesthesia' at ISACON 2017, Kolkata.
- Moderator for 'PBLD In Endocrinology' session at ISACON 2017, Kolkata.
- Invited Faculty at 'Fibreoptic Bronchoscopy and Techniques of Lung Separation' Workshop at National Airway Conference 2017, New Delhi
- Attended the Association of Southeast Asian Paediatric Anaesthesiology Conference at Mumbai in February 2017 as delegate and participated in Workshops.
- External Examiner for the DCCT course at NRS Medical College, 2017.
- Participated as Faculty at the 13th PGMEET & CTVA in 2017 at SSKM Hospital.

Dr. Rajat Choudhuri

- Regularly conducts training classes for medical officers as CCU TRAINER.
- Appointed as DCCT, DOTT Examiner at RGKAR MEDICAL COLLEGE in the year 2016 conducted by State Medical Faculty of West Bengal.
- Invited as a speaker on "High Flow Nasal Oxygen Therapy in Critical Care" and for conducting Airway workshop at ISACON 2017.
- Invited as speaker in Association of Vascular Access at Phoenix, Arizona, USA Topic: Chlorhexidine Gluconate Impregnated Central Venous Access Dressing Can It Be A Gold Standard in Prevention Of Clabsi: A Comparative Study In A Tertiary Care Public Hospital
- Invited as speaker at various forums of Anaesthesiology and Critical Care in state.

Dr. Samarendra Nath Samui

- Speaker in Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R, Topic: Workshop – Equipments for regional anaesthesia
- Attended 65th Annual National Conference of Indian Society of Anaesthesiologists, ISACON 2017, Kolkata

Dr. Suchismita Mallick

- Participated in Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R, Topic: Arterial line and invasive blood pressure monitoring
- Participation in ISACON 2017 as a faculty.

Dr Suchismita Pal

- Participated in Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R, Topic: Defibrillator
- Attended 65th Annual National Conference of Indian Society of Anaesthesiologists, ISACON 2017, Kolkata

Dr Anamitra Mandal

- Attended 65th Annual National Conference of Indian Society of Anaesthesiologists, ISACON 2017, Kolkata

PUBLICATIONS FROM THE 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.
- Comparative study of classic approach versus inguinal approach for obturator nerve block in patients undergoing transurethral resection of bladder tumor under spinal anaesthesia. Sandip Sinha, Chiranjib Bhattacharyya, Dhiman Adhikary, Dipak Mandal, Rajasree Biswas. International Research Journal Natural and Applied Sciences. Vol 3, Issue 12, Dec 2016
- Recurrent hypoglycaemia in a case of phyllodes tumour of the breast: A rare case report. Dr. Kumar Kar S, Dr. Choudhuri R, Dr. Bhunia P, Dr. Chakrabarti S, Dr. Santra S. Carcinogenesis and Mutagenesis 2016 ;7:2 (International Editorial Management, USA, UK)
- 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.

SERVICE INFORMATION**A. OPD (Anaesthesiology)**

Number of patients attending OPD for Pre-anaesthetic check up: 16846

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

SN	Operation Theatres	No of cases
1	REDUCTION OT	792
2	ENT OT	2075
3	NEW PLASTIC SURGERY OT	1580
4	BURNS OT	240
5	EYE OT	21
6	LIGATION OT	63
7	MAIN OT (general surgery)	2817
8	MAIN OT (plastic surgery)	660
9	GYNAECOLOGY OT	5105

SN	Operation Theatres	No of cases
10	EMERGENCY OT	4481
11	UROLOGY OT (including renal trans.)	1217
12	WOODBURN OT	1322
13	NEUROSURGERY OT	64
14	NEONATAL SURGERY OT	96
15	PAEDIATRIC SURGERY OT	1595
16	MRI SUITE	205
17	ECT	12

C. ITU:

Enlisted patients: 3824

Patients admitted + Transfer in: 107 + 323 (439)

Discharge + Transfer out: 61 + 257 (318)

Mortality statistics: 27.5%

Number of patients discharged against medical advice: 2

Anatomy

Teaching Staff

Name of the Officer	Qualification	Designation
Dr. Asis Kumar Ghosal	MBBS, MD	Professor & Head
Dr. Indra Datta	MBBS, MD	Professor
Dr. Rajib Kundu	MBBS, MD	Associate Professor
Dr. Debjani Roy	MBBS, DGO, MD	Assistant Professor
Dr. Sanchita Roy	MBBS, DCH, MD	Assistant Professor
Dr. Prerana Aggarwal	MBBS, MD	Assistant Professor
Dr. Iman Sinha	MBBS, MD	Assistant Professor
Dr. Alipta Bhattacharya	MBBS, DO, M.D	Assistant Professor
Dr. Tulusi Mandal	MBBS, MD	Assistant Professor
Dr. Arnab Bhattacharya	MBBS, MD	Assistant Professor
Dr. Barindra Nath Mandal	MBBS	Demonstrator
Dr. Soumali Biswas	MBBS, MD	Demonstrator
Dr. Ratnadeep Poddar	MBBS, MD	Demonstrator
Dr. Sutandra Choudhury	MBBS, MD	Demonstrator
Dr. Anwesa Pal	MBBS, MD	Demonstrator
Dr. Madhumita Dutta	MBBS, MD	Demonstrator
Dr. Joydeep Saha	MBBS, MD	Demonstrator

The last 3 demonstrators have joined this year.

Postgraduate (MS Anatomy) Trainees

Name of the PGT	Year	Session
Dr. Kakali Halder	3rd year	2015 - 2018
Dr. Prasanta Chakraborty	3rd year	2015 – 2018
Dr. Akash Kusum Banerjee	2nd year	2016 – 2019
Dr. Biswanath Baskey	2nd year	2016 – 2019
Dr. Sulakshana Pal	1st year	2017 – 2020

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

Other non-teaching staff:

Name	Designation	Remarks
Mr. Tapas De	GDA	
Mr. Mihir Mondal	GDA	
Ashok Mallick	Dom	
Dinesh Mallick	Dom	
Anil Kumar Mallick	Dom	
Atish Mallick	Dom	
Sanjay Mallick	Dom	Currently detailed in FSM department.

Post of Sweeper is currently vacant.

Regular academic activities

- Department is actively associated with theoretical & practical teaching program for postgraduate students of anatomy.
- Regular Lecture and Demonstration classes for the students of BPT, BSc Nursing, DCLT, DPFT, DCCT & ECG technician courses.
- Regular research activity is undertaken by the teachers and PGTs and research guidance for PGT students is provided 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 PGT of ENT Department in a special separate dissection hall in the department.
- Undergraduate and postgraduate seminars, micro-teaching & journal club discussion are conducted regularly.
- Installation of a dissecting microscope in collaboration with the department of Neurosurgery, BIN.

Service information

Continuous motivation for donation of dead bodies is carried out. Body donation awareness camp attended and participated at Bagula, Nadia. The 'Body donation Pledge Form' is available online at the official website of IPGME&R, Kolkata.

Research publications by faculty and PGTs

1. Panchali Som, Rajarshi Roy, Sumit Datta, Asis Kumar Ghosal, Ananda Kisor Pal, Shankhadeep Sarkar. A study on the thickness of ligamentum flavum in asymptomatic persons and patients with low back pain and its variation with gender in eastern Indian population – as measured using MRI. *Int J Anat Res* 2017;5(1):3665-3670.
2. Poddar R, Bhattacharya A, Sinha I, Ghosal AK. An anatomical study for localisation of zygomatic branch of facial nerve and masseteric nerve – an aid to nerve coaptation for facial reanimation surgery: A cadaver based study in Eastern India. *Indian J Plast Surg* 2017;50:74-8.
3. Ratnadeep Poddar , Alipta Bhattacharya , Asis Kumar Ghosal, Soumali Biswas. Morphometric study of human thyroid gland with emphasis on pyramidal lobe – a cadaver based study on eastern Indian population. *Indian Journal of Basic and Applied Medical Research* 2017;6(2):92-100.
4. Moumita Chatterjee, Iman Sinha, Ratnadeep Poddar, Asis Kumar Ghosal. Humeral morphometrics: a study in eastern Indian population. *Int J Anat Res* 2017;5(4.1):4454-4459.
5. Gopal Chandra Mondal, Rajarshi Datta, Asis Kumar Ghosal, Alipta Bhattacharya, Iman Sinha, Ratnadeep Poddar. Morphometric study of menisci of knee joints: a cadaveric study in an Eastern indian medical college. *Indian Journal of Basic and Applied Medical Research* 2017;6(4):172-182.
6. Alipta Bhattacharya, Iman Sinha , Ratnadeep Poddar, Asis Kumar Ghosal. Imparting anatomy doctrines to the future generation: an amalgamation of contemporary with classical techniques: a study in eastern India. *Indian Journal of Basic and Applied Medical Research* 2017;6(4):255-266.
7. Moumita Chatterjee, Ratnadeep Poddar , Iman Sinha, Alipta Bhattacharya, Asis Kumar Ghosal. Segmental morphometrics and their correlation with the whole length of long bones : a study on humerus of eastern India. *Indian Journal of Basic and Applied Medical Research* 2017;6(4):363-372.
8. Madhumita Datta, Ratnadeep Poddar, Akash Kusum Banerjee, Prasanta Chakraborty. Carotid artery bifurcation and incidence of carotid plaque formation: Histological analysis based on cadavers: an eastern Indian study. *Indian Journal of Basic and Applied Medical Research* 2017;6(4):373-379.
9. Madhumita Datta, Ankana Saha, Soumya Chakraborty, Sudipa Biswas, Suranjali Sarma. analytical and morphological study of nutrient foramina of human femur. *International Journal of Anatomy, Radiology and Surgery* 2017;6(2):10-14.
10. Madhumita Datta, Enakshi Gosh, Ritaban Sarkar, Hindal Mandal. Variant origin of left inferior phrenic artery. *Int J Anat Res* 2016;4(1):1851-53.
11. Madhumita Datta, Phalguni Srimani, Nabanita Chakraborty, Alpana (De) Bose. Anomalous bicipital origin of flexor carpi radialis muscle; a cadaveric study. *Int J Anat Res* 2016;4(1):1878-81.

12. Phalguni Srimani, Sujata Manna, Madhumita Datta, Prosenjit Chattopadhyay. Superficial ulnar artery; a cadaveric study. *Int J Anat Res* 2016;4(4):2941-44.
13. Madhumita Datta, Phalguni Srimani, Ankana Saha. Morphometric analysis along with estimation of total length of femur among population of West Bengal. *Int J Anat Res* 2016;4(4):2945-49.
14. Ankana Saha, Madhumita Datta, Soumya Chakraborty, Sudipa Biswas, Suranjali Sharma. A study of nutrient foramen of dry adult humerus bones of West Bengal population. *Int J Anat Res* 2017;5(2.1):3722-26.
15. Debjani Roy. An observational study for early detection of intra-uterine growth restriction in pregnancy using ultrasonography as a tool in first trimester. *JEMDS* 2017;6(53).

Current problems on which research work is going on:

1. Correlation between human stature with cephalo-facial diameters in adult population; Dr. Kakali Halder, Prof. Indra Datta.
 2. Morphometric study of different orbital fissures and foramens in dry skull in eastern Indian region; Dr. Prasanta Chakraborty, Prof. Asis Kumar Ghosal.
 3. 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.
 4. Association of sex chromosome and autosomal factors in male subjects of infertile couples – an eastern Indian study; Dr. Akash Kusum Banerjee, Prof. Asis Kumar Ghosal.
 5. Correlation between of skin fold thickness and grade of Non alcoholic steatohepatitis- a study in Kolkata, West Bengal; Dr. Sulakshana Pal, Prof. Asis Kumar Ghosal.
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Bangur Institute of Neurosciences Neuroanaesthesiology

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. Aparajita Sinha	Dr. Amita Acharya Dr. Saikat Niyogi	A comparison of hemodynamic effects between induction agents propofol & etomidate in patients undergoing lumbar spinal surgeries.
Dr. Sudeshna Padhi	Dr. Amita Acharya Dr. Indrani Chakraborty	The abilities of pulse pressure variation and stroke volume variation to predict fluid responsiveness in prone position during lumbar fixation surgery.
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.

Publications

- Saikat Niyogi, Samir Basak, Amita Acharjee, Indrani Chakraborty. Efficacy of intravenous dexmedetomidine on patient's satisfaction, comfort and sedation during awake fibre-optic intubation in patients with cervical spondylotic myelopathy posted for elective cervical fixation. Indian J Anaesth 2017; 61(2).
- Saikat Niyogi, Pratibha Bhunia, Jisnu Nayak, Sankari Santra, Amita Acharjee, Indrani Chakraborty. Efficacy of transdermal buprenorphine patch on post-operative pain relief after elective spinal instrumentation surgery. Indian J Anaesth 2017; 61(11).

SERVICE INFORMATION

OPD (Pain Clinic)

Number of old patients attending	600
Number of new patients attending	102

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

Major OT 1121

Minor OT

- Lumber puncture 200
- Peripheral block for trigeminal neuralgia 100
- USG guided central line 200
- USG guided peripheral block for lower limb (caudal/sciatic nerve block) 30
- USG guided peripheral block for upper limb (brachial/stellate ganglion block) 20

Neurointensive care unit (NICU)

Admitted 505	Discharged 404
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No. of CT scan under GA 251

Bangor Institute of Neurosciences Neurology (Neuromedicine)

Teachers and medical officers

Dr. Shyamal Kumar Das	MD, DM	Professor & Head
Dr. Goutam Gangopadhyay	MD, DM	Professor
Dr. Tejendra Narayan Kundu	MD, DM	Professor
Dr. Atanu Biswas	MD, DM	Associate Professor
Dr. Biman Kanti Roy	MD, DM	Associate Professor
Dr. Alak Pandit	MD, DM	Associate Professor
Dr. Samar Biswas	MD, DM	Assistant Professor
Dr. Deb Sankar Guin	MD, DNB (Med), 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 Samajpati	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. Urmila Das	MD, DM	Senior Resident
Dr. Souvik Dubey	MD, DM	Senior Resident

Our heartfelt condolence on the recent demise of Dr. Manas Kumar Sinha, senior Medical Officer and Ex-In-charge of neuroelectrophysiology unit, BIN. He was a sincere, hard working and lovable person. May his soul rest in peace.

Postdoctoral trainees (DM Neuromedicine) – Seven students per year

1st year DM Residents	2nd year DM Residents	3rd year DM Residents
Dr. Swati Kumar	Dr. Arghya Deb	Dr. Subhodeep Banerjee
Dr. Jasodhara Chaudhuri	Dr. Aswini Bhat	Dr. Jayanta Ghosal
Dr. Subhash Bhui	Dr. Niraj Saraf	Dr. Apratim Chatterjee
Dr. Srimant pattnaik	Dr. Vishal Sawale	Dr. Sulagna Sahu
Dr. Usha Humbi	Dr. Durjoy Lahiri	Dr. Mrinal Acharya
Dr. Debyayanam Sahu	Dr. Kumar Vijay Anand	Dr. Partha Ghorai
Dr. Abhishek Chowdhury	Dr. Vinayak Rodge	Dr. Sumanta Sarkar

Institutional and Department Achievement

- Dr. Apratim Chatterjee, DM Resident presented paper on "Barriers to Thrombolysis in a tertiary care institute in Eastern India" in AINA 2017 Trainee Awards at the Sheraton Boston Hotel and Secured 3rd place.
- Dr. Apratim Chatterjee, DM Resident Received 1st prize In movement disorder society India (MDSI) Kolkata chapter and went to 5 top finalist in national TYSA.
- Dr. Mrinal Acharya, DM Resident received first prize in INTROPICON for presenting paper on "Hypokalemic paralysis- a single center experience from a tropical country".
- Dr. Sulagna Sahu, DM Resident, received first prize in MDSICON, 2016.
- Dr. Niraj Saraf, DM Resident awarded 1st prize for presentation in movement disorder of India (MDSI) Kolkata chapter, held in July 2017.

CURRENT RESEARCH WORK

Epilepsy

- Knowledge attitude practice of epilepsy and marriage. (Dr. Jayanta)
- Frequency of nonconvulsive status epilepticus in critically ill patients- A hospital based prospective observational study (Dr.Sumanta)
- 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)
- Apo E polymorphism and association with stroke. (Dr. Apratim)
- A hospital based study on recurrent stroke (Dr. Dibbayanam)

Neuromuscular disorders

- Early electrophysiological changes in GBS within seven days. (Dr. Partha)
- A hospital based study on normal peroneal F-wave (Dr. Srimant)
- A hospital based study on Hypokalemic periodic paralysis (Dr. Abhishek)

Movement disorders

- A cross sectional study of non motor symptoms of Parkinson's disease and correlation with motor symptoms and quality of life in a tertiary care hospital. (Dr. Sulagna)
- Colonic microbiota in Parkinson's disease (Dr. Subhas)

Neurogenetics

- Mitochondrial diseases a clinic-biochemical diagnostic perspective including mutation analysis in a tertiary care centre of eastern India. (Dr. Subhodip)

- Genotypic variation in Wilson disease (Dr. Jasodhara)

Demyelinating disorders

- Spectrum of idiopathic inflammatory demyelinating disorders of the central nervous system in a tertiary care Hospital (Dr. Niraj)
- 糾 Optical coherence tomography among patients with multiple sclerosis (Dr. Swati)

Neurophthalmology

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

Collaborative work with the National Biogenomics Institute

SERVICE INFORMATION

Attendance at OPD

	New	Old	Total
Nov 2016	1442	9003	10445
Dec 2016	1497	8541	10038
Jan 2017	1842	9822	11664
Feb 2017	2992	10087	13079
Mar 2017	3229	9001	12230
Apr 2017	3092	9543	12635
May 2017	3195	9944	13139
Jun 2017	3356	9969	13325
Jul 2017	3214	10028	13242
Aug 2017	3316	9894	13210
Sep 2017	1046	9045	10091
Oct 2017	1816	9636	11452
TOTAL	30037	114513	144550

Emergency Department (Neuroemergency)

	Attendance	
Nov 2016 – Jun 2017	18946	

In-patient admissions in 2017

Diagnoses	Number of patients	
	BIN Indoor (Old + New)	BIN Annex (Ramrik hospital)
1. Stroke	341 (33.82%)	982 (73.11%)
2. Metabolic encephalopathy	33 (3.27%)	36 (2.6%)
3. Wilson disease	11 (1.09%)	5 (0.37%)
4. Degenerative dementia	37 (3.67%)	14 (1.04%)
5. Movement disorders	93 (9.22%)	20 (1.48%)

a) Parkinson disease	53 (5.25%)	12 (0.89%)
b) Others	40 (3.96%)	8 (0.59%)
6. Infections	88 (8.73%)	90 (6.70%)
a) Acute	32 (3.17%)	53 (3.94%)
b) Chronic	56 (5.55%)	37(2.75%
i) Tuberculosis	53 (5.25%)	35 (2.60%)
ii) Fungal	2 (0.19%)	1 (0.013%)
iii) Slow virus	1 (0.09%)	1 (0.074%)
7. Demyelination	74 (7.34%)	35 (2.60%)
a) Primary	41 (4.07%)	22 (1.63%)
b) Secondary	33 (3.27%)	13(0.96%)
8. Spinal cord disease	77 (7.63%)	27 (2.01%)
a) Acute	32 (3.17%)	18 (1.34%)
b) Chronic	45 (4.46%)	9 (0.67%)
9. Neuromuscular junction	26 (2.58%)	6(0.44%)
10. Peripheral neuropathy	66 (6.55%)	58(4.31%)
11. Muscle disease	17 (1.69%)	7 (0.52%)
12. Seizure	85 (8.43%)	49 (3.64%)
13. Optic neuritis	34 (3.37%)	4(0.29%)
14. Orbital apex syndrome / Multiple cranial nerve palsy	19 (1.88%)	8 (0.59%)
15. SSPE	2 (0.19%)	2 (0.14%) f
16. Periodic paralysis	5 (0.49%)	-
Grand total	1008 (100%)	1343 (100%)

Special clinic performance in 2017

Clinic	Consultant in charge	New	New	Old
Cognitive	Dr. Atanu Biswas	90	286	376
Headache	Dr. Biman Kanti Roy	34	167	201
Movement disorders	Prof. Shyamal Kumar Das, Dr. Atanu Biswas	112	909	1021
Botulinum Toxin	Dr. Samar Biswas	316	493	809
Epilepsy	Prof. Goutam Ganguly	112	2152	2264
Stroke	Prof. TejenDr.a Nath Kundu	110	970	1080
Neurogenetics	Dr. Debshankar Guin	88	269	357
Neuromuscular	Dr. Alak Pandit	55	445	500
Demyelination	Prof. Goutam Ganguly	36	111	147

Total		953	5802	6755
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Electrophysiology laboratory performance in 2017

Test	BIN	BIN Annex (RHH)
EEG	6628	265
EMG/NCS	5917	156
VEP/BERA	2890	27
RNST	229	64
Polysomnography	31	–
Total	15695	512

Report of Neurogenetic Unit, Neurology Dept. from December 2016 to November 2017

Number of patients who attended the genetic clinic – 589

Number of patients for whom the following diagnostic tests were done in the genetic laboratory:

Muscle diseases	
Duchene muscular atrophy	39
Becker's muscular dystrophy	15
Myotonic dystrophy	19
Spinal muscular atrophy	18
Movement disorders	
Huntington disease	19
Autosomal dominant ataxia- SCA-1, 2, 3, 6, 12, DRPLA	56
Autosomal Recessive Ataxia-Friedreich's Ataxia	14
Total new patients	180

Genetic Counseling is done to the adult patients, their family members and to guardians in case of minors regarding their marriage, conceiving another issue, affectation of their children etc. depending upon the pattern of genetic inheritance such as autosomal dominant, autosomal recessive, X-linked or mitochondrial inheritance.

Projects running in the Neurogenetic Unit funded by State DST

1. Assessing the prevalence of genetic risk factors-APOE and IL-6-G174C polymorphism in Alzheimer related dementia patients of Eastern India.
Three year project with a budget of Rs. 16,58,800.00; project ended in Aug.,2017.
2. 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 ongoing.

3. 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.

PROJECTS AT BIN

1. "Prevalence study of cognitive dysfunction in a rural population of West Bengal" under Dementia Science Project of DBT, Govt of India
2. "INSTRUCT" project on stroke under ICMR

Abstract presentations

- Evaluation of APOE and IL-6 polymorphism in Alzheimer patients in eastern India. Sarnava Ray, Sayantan Chakravarty, Anindita Joardar, Atanu Biswas, Gautam Ganguly, Shyamal Kumar Das presented at the 24th Bangla Science Congress held at Science City on February 28th, 2017.
- Assessing the prevalence of genetic risk factors - Apoe and IL-6-G174c polymorphism in Alzheimer related dementia patients of eastern India: Oral presentation and Abstract presentation; Sayantan Chakravarty, Sarnava Ray, Anindita Joardar, Atanu Biswas, Gautam Ganguly, Shyamal Kumar Das, presented at International Conference on Advances in Dementia & XXI National conference of ARDSI held on 22nd, 23rd and 24th September, 2017 at the Gateway Hotel, Kolkata.

ACADEMIC ACTIVITIES

- 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 Chennai, Tamil Nadu, in September 2017 and presented papers.
- All second year residents participated in annual conference of Associations of Neuroscientist of Eastern India held at Bhubaneswar, Odisha, in November, 2017 and presented papers.

Publications

1. Sweetey Trivedi, Alak Pandit, Goutam Ganguly, and Shyamal Kumar Das. Epidemiology of Peripheral Neuropathy: An Indian Perspective, Ann Indian Acad Neurol. 2017 Jul-Sep; 20(3): 173–18.
2. Ray BK, Paul N, Hazra A, Das S, Ghosal MK, Misra AK, Banerjee TK, Chaudhuri A, Das SK Prevalence, burden, and risk factors of migraine: A community-based study from Eastern India.. Neurol India. 2017 Nov-Dec;65(6):1280-1288.
3. Samar Biswas, Neeelanjana Paul, S K Das. Non motor manifestation of Wilson's disease . International review of neurology ; vol 134, 1443 1457:2017.
4. Banerjee T K, Dutta S, Das S, Ghosal M, Ray B K, Biswas A, Hazra A, Chaudhuri A, Pal N, Das S K. Epidemiology of dementia and its burden in the city of Kolkata, India. International journal of geriatric psychiatry 2016. DOI:10.1002/gps.4499.
5. Biswas A and Das S K. Alzheimer and Parkinson disease – two faces of the same disease? Journal of Alzheimer Disease & Parkinsonism. 6:222.doi10.4172/2161-0460.1000222

6. Paromita Bose, Atanu Biswas, Sandip Pal, Jayanti Basu, Shyamal kuar Das. Autobiographical memory impairment in Alzheimer disease and vascular dementia. Journal of Alzheimer disease and vascular dementia, 2016.1:20008.
7. Adreesh Mukherjee, Atanu Biswas, Arijit Roy, Samar Biswas, Goutam Gangopadhyay, Shyamal Kumar Das. Behavioural and Psychological Symptoms of Dementia: Correlates and Impact on Caregiver Distress. Dement Geriatr Cogn Disord Extra 2017;7:354–365.

Conferences attended by faculty

Prof. Shyamal Kumar Das	<ul style="list-style-type: none"> • Presidential oration of movement disorder society of India, Bangalore on present status of genetics in movement disorders in January, 2017. • Delivered lecture on non motor manifestation of Wilson disease at university of Edmonton, Canada, July, 2017.
Prof. Goutam Ganguly	<ul style="list-style-type: none"> • ECON 2017 at Patna (Chaired session). • Attended midterm ANEICON 2017 at Ranchi. • Delivered lecture on "Subarachnoid Hemorrhage" at Vizag Neuro Club, Visakhapatnam. • IANCON 2017 at Chennai (Chaired session).
Prof. Tejendra Nath Kundu	<ul style="list-style-type: none"> • ANEICON 2017 at Bhubaneswar (Chaired session).
Dr. Atanu Biswas	<ul style="list-style-type: none"> • Attended the 25th Annual Conference of Indian Academy of Neurology at Chennai held between 7th and 10th September 2017. • Working as the Convener of the Cognitive Neurology Subsection of Indian Academy of Neurology. • Organizing Secretary of the International Conference on Advances of Dementia and XXI Annual Conference of Alzheimer's and Related Disorders Society of India (ARDSICON 17) held at Kolkata between 22nd and 24th September 2017.
Dr. Biman Kanti Roy	<ul style="list-style-type: none"> • IANCON 2017 at Chennai (Chaired session). • Delivered a lecture at NIOH Kolkata on 'Burden of stroke: an Indian perspective'. • Delivered a lecture in the International Conference on Advances of Dementia and XXI Annual Conference of Alzheimer's and Related Disorders Society of India (ARDSICON 17) held at Kolkata on 'early intervention in strategic stroke to prevent dementia'
Dr. Alak Pandit	<ul style="list-style-type: none"> • Attended Sixth Asian and Oceanian Congress of Clinical Neurophysiology (6th AOCCN) held in Bengaluru.
Dr. Samar Biswas	<ul style="list-style-type: none"> • Attended IANCON 2017 at Chennai.
Dr. Debsankar Guin	<ul style="list-style-type: none"> • Attended ANEICON 2016 at Shilong.

Bangur Institute of Neurosciences Neuroradiology

FACULTY AND STAFF

Faculty

Dr. Satyendu Bikash Samanta DCH, MD
Dr. Tapan Dhibar DMRD, MD
Dr. Debasish Deoghuria MD
Dr. Bhaskar Bhattacharyya MD
Dr. Narayan Chand Nandi DMRD

Professor & Head
Professor on detailment
Associate Professor (Presently detailed at BSMCH, Bankura)
Associate Professor
RMO cum Clinical Tutor

Medical technologist

Permanent – 6
On detailment – 1
Contractual – 2

Other staff

Office staff – Nil
Nursing staff – 0 + 2 (for DSA only)
GDA – Nil
Sweeper – 1

FACULTY NEWS

- Dr. Tapan Dhibar has been elected President of Indian Radiological & Imaging association (W.B. Chapter). He has also been examiner in DNB course in Radiology.
- All faculty members attend the National and / or State level conferences / CMEs in the field of Radiology regularly.
- Faculty members are appointed as internal / external examiners of MD (Radiology) / DMRD / DRD courses regularly.

ACADEMIC ACTIVITY

Thesis work completed

Session 2015 – 18, MD (Radiodiagnosis)

1. Dr. Monalisa Hazra – Role of MRI in post traumatic internal derangement of knee joint with arthroscopic correlation.

Guide – Dr. S.B. Samanta

2. Dr. Puja Shah – Role of Magnetic Resonance Imaging in non-traumatic and non-neoplastic cervical myelopathy with clinical correlation.

Guide – Dr. S.B. Samanta Co-Guide – Dr. B. Bhattacharyya.

3. Dr. Dinesh Jain – Detection of intracranial aneurysms in non-traumatic SAH; DSA with 3D reconstruction versus 16 slice CT angiography with 3D reconstruction.

Guide - Dr. T. Dhibar Co-Guide - Dr. B. Bhattacharyya.

Session 2015 – 18, MCh (Neurosurgery)

4. Dr. Krishnendu Sardar – Clinicoradiological study of single level lumbar disc disease.

Co-Guide – Dr. S.B. Samanta.

Session 2015 – 18, MD (Medicine)

5. Dr. Rajarshi Datta – Prediction of acute ischemic stroke outcome in geriatric population in relation to Alberta Stroke program early CT score (ASPECTS).

Co-Guide – Dr. S.B. Samanta.

Thesis work in progress

Session 2016 – 19, MD (Radiodiagnosis)

1. Dr. Lakshmi Ram Mahali - Role of Diffusion - Perfusion Weighted MRI in early axial spondyloarthritis identification of active inflammation of sacroiliac joint.

Guide - Dr. S. B. Samanta

2. Dr. Bijaya Gayari - Computed Tomographic evaluation of Nose and Para Nasal Sinus Pathology to correlate pre and intra operative findings of functional endoscopic sinus surgery (FESS).

Guide - Dr. S. B. Samanta

3. Dr. Jyotish Roy - Evaluation of Carotid artery stenosis by High Resolution Ultrasonography with Colour Doppler study and C.T. Angiography - comparison with DSA.

Guide - Dr. T. Dhibar Co-Guide - Dr. B. Bhattacharyya

4. Dr. Krishnendu Deb - Correlation of white matter mapping and diffusion tensor imaging in hypoxic ischemic encephalopathy with neuromotor outcome at 06 months of age.

Guide - Dr. T. Dhibar

Session 2016 - 19, MD (General Medicine)

1. Abhirup Banerjee - Profile of vascular calcification in chronic kidney disease patients.

Co-Guide - Dr. S. B. Samanta

Academic program

- MD & DMRD PGTs are posted regularly from IPGME & R & other institutions.
- Regular classes on Neuroradiology for MD & DMRD students are taken.
- Neuroradiology classes for DM (Neuromedicine) & MCh (Neurosurgery) students are regularly arranged.
- DRD course for Radiographers have been started from 2011 and running successfully since then. Number of seats of DRD course has been raised from 10 to 15 from 2016-18 session.
- DRD students and interns from other Institutions receive training here in CT Scan & DSA.
- Seminars, clinical meetings and journal clubs are arranged regularly in the department.

SERVICE INFORMATION

- CT scans in 16 slice scanner are done on 24 hour basis daily for patients, including those referred from other government institutions.
- USG including Colour Doppler study and Radiography including portable X-ray of patients of BIN including those admitted at Ramrik Das Haralalka Hospital.
- DSA in a biplanar system is done for indoor patients of BIN & SSKM Hospital.
- CT & USG guided FNAC / Drainage procedures are also done regularly.

Performance during last one year (01.11.2016 to 31.10.2017)

- CT Scan 12309 cases.
- USG & Color Doppler 1608 cases.
- X-ray (portable exposures) 226 cases.
- DSA 159 cases.

Bangur 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. Amar Chandra Dhal MBBS, MS, MCh	Associate Professor
Dr. Dibyendu Kumar Ray MBBS, MS, MCh	Assistant Professor
Dr. Tapan Kumar Patra MBBS, MS, MCh	Assistant 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 (Year 3)
Dr. Shubhamitra Chaudhuri MBBS, MS, MCh	Senior Resident (1 year bond)
Dr. Aditya Mantry MBBS, MS, MCh	Senior Resident (1 year bond)

POSTDOCTORAL TRAINEES (MCH RESIDENTS)

2015-2018	2016-2019	2017-2020
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	Dr. Sandeep Yadav Dr. Rajyalaxmi Edupuganti Dr. Harin Modi Dr. Uttareshwar 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 Virsinghbbhai Chaudhari Dr. Kamlesh Agarwal

M.Ch Degree Recipients in 2017 (2014-2017 Session) in rank order

- Dr. Shubhamitra Chaudhuri
- Dr. Aditya Mantry
- Dr. Pallav Agrawal
- Dr. Nawkhare Ritesh Nathuji
- Dr. Abhishek Kumar
- Dr. Maruti Devendrappa Puji

FACULTY NEWS

Prof. Samarendra Nath Ghosh

- Attended the Asian Australasian Conclave For Advances In Neurological Surgery in Mumbai in 3-6 July 2017 as Invited Speaker/Panelist.

Publications

- Roy N, Gerdin M, Ghosh SN, Gupta A, Saha ML, Khajanchi M, Dharap SB, Mohd Ismail D, von Schreeb J. The Chennai consensus on in-hospital trauma care for India. J Emerg Trauma Shock. 2016 Apr-Jun;9(2):90-2.
- Gerdin M, Roy N, Felländer-Tsai L, Tomson G, von Schreeb J, Petzold M; Towards Improved Trauma Care Outcomes in India (TITCO) Consortium., Gupta A, Jhakar A, Basak D, Mohamed Ismail D, Yabo D, Jegadeesan K,

Kamble J, Saha ML, Nitnaware M, Khajanchi M, Jothi R, Ghosh SN, Bhoi S, Mahindrakar S, Dharap S, Rao S, Kamal V, Kumar V, Tirlotkar S. Traumatic transfers: calibration is adversely affected when prediction models are transferred between trauma care contexts in India and the United States. *J Clin Epidemiol.* 2016 Jun;74:177-86.

- Talathi N, Nath S, Roy S, Joardar A, Chaudhuri S, Gangopadhyay G, Ghosh S N; Role of Apo E4 Allele in Recovery From Traumatic Brain Injury: Study In A Tertiary Care Institute in Kolkata; *Int. J. Adv. Res.* 4(11), 1780-178
- Ghosh K, Ghosh S, Chatterjee U, Chaudhuri S, Anirban A. Microglial Contribution to Glioma Progression: an Immunohistochemical Study in Eastern India. *Asian Pac J Cancer Prev.* 2016;17(6):2767-73.

Prof. Subhasis Ghosh

- Attended AIIMS Microneurosurgery Workshop on 16-18 February 2017 at AIIMS New Delhi.

Dr. Tapan Kumar Patra

- Attended Neurotrauma 2017 - the 26th Annual Conference of Neuro Trauma Society of India (NTSI) 11-13 August 2017 at Ooty as delegate.
- Attended 65th Conference of Neurological Society of India – NSICON 2016 held at Chennai from 15-18 December 2016.
- Attended 65th Conference of Neurological Society of India – NSICON 2016 held at Chennai from 15-18 December 2016.

Publications

- Dhal AC, Patra TK; Conservative or Operative Management of Extradural Hematoma Presenting Late? An Outcome Study; *Indian Medical Journal*; Volume 110, No.11, November 2016, pg 36-39.

Dr. Amar Chandra Dhal

- Attended 65th Conference of Neurological Society of India – NSICON 2016 held at Chennai from 15-18 December 2016.

Publications

- Dhal AC, Patra TK; Conservative or Operative Management of Extradural Hematoma Presenting Late? An Outcome Study; *Indian Medical Journal*; Volume 110, No.11, November 2016, pg 36-39.
- Kumar R, Dhal AC, Kumar A; Minimally Invasive Approach in a Case of Cervical Schwannoma; *Romanian Neurosurgery* (2017); XXXI 1:115-121.

Dr. Dibyendu Kumar Ray

- Attended NSSICON 2017 at PGIMER Chandigarh from 16-18 February 2017 as delegate.
- Attended Skull Base Con 2017 from Oct 27-29 2017 at Kochi, Kerala as delegate.
- Attended Neuroendovascular Workshop and Symposium (NEWS 2016) in October 21-22 2016 held at GB Pant Institute of Postgraduate Medical Education and Research (GIPMER), New Delhi.

Dr. Shahid Iftekhar Sadique

- Attended 65th Conference of Neurological Society of India – NSICON 2016 held at Chennai from 15-18 December 2016.
- Attended 15th Neuroendoscopy Fellowship Program from 6-10 February 2017 at Jabalpur, MP as delegate.
- Attended 4th Annual Conference of Neuroendoscopy Society of India 7-9 April 2017 at Jaipur, Rajasthan as delegate.
- Attended Neurotrauma 2017 - the 26th Annual Conference of Neuro Trauma Society of India (NTSI) 11-13 August 2017 at Ooty as delegate.

Dr. Srikrishna Majhi

- Attended 4th Annual Conference of Neuroendoscopy Society of India 7-9 April 2017 at Jaipur, Rajasthan as delegate.
- Attended Neurotrauma 2017 - the 26th Annual Conference of Neuro Trauma Society of India (NTSI) 11-13 August 2017 at Ooty as delegate.

Dr. Gitanjali Datta

- Attended 65th Conference of Neurological Society of India – NSICON 2016 held at Chennai from 15-18 December 2016.
- Attended NSSICON 2017 at PGIMER Chandigarh from 16-18 February 2017 as delegate
- Attended 4th Annual Conference of Neuroendoscopy Society of India 7-9 April 2017 at Jaipur, Rajasthan as delegate.
- Attended Neurotrauma 2017 - the 26th Annual Conference of Neuro Trauma Society of India (NTSI) 11-13 August 2017 at Ooty as delegate.

ACADEMIC ACTIVITIES

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

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

- Dr. Abhishek Singh – A Prospective Study of Clinical Outcome of CSF Rhinorrhea in a Tertiary Care Centre in Eastern India
- Dr. Lokesh Mahajan – Intraoperative Monitoring of Motor Evoked Potentials In Spinal Cord Tumor Surgery
- Dr. Sorabh Gupta – Intraoperative Neuromonitoring In Posterior Fossa Lesions
- Dr. Shafi Ahmed Rizvi – Neuronavigation For Supratentorial Brain Tumours
- Dr. Ajay Kumar – A Clinical Study of Different Junctional Injuries of Spine With Special Emphasis on Dorsolumbar Junction – An Institutional Study
- Dr. Krishnendu Sardar – Clinico Radiological Study of Single Level Lumbar Disc Disease
- Dr. Shreevijay Phadke – Craniosynostosis: An Institutional Study
- Dr. Anoop Varma – The Evaluation Of Cranioplasty in Posttraumatic Craniectomy Defect – A Prospective Study

2nd 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

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 Rahul Ahluwalia – Attended AIIMS TRAUMACON 2017

Presentations

- Paper : Dyselectrolytemia in Traumatic Brain Injury
- Poster : Epidemiology of Traumatic Brain Injury at A Tertiary Care Centre In Eastern India
- Presented Paper Titled “Variations in Vertebral Artery Anatomy and Its Implications In Cranio-Vertebral Junction Anomalies” in CONCORD 2017 (Annual Conference of Spinal Cord Society of West Bengal) and won 1st Prize in Award Paper Session

SERVICE INFORMATION**Services provided**

- Neurosurgery OPD at BIN 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 NEROT Complex

Services Summary (01/11/2016 to 31/10/2017)

OPD attendance	66776
Admissions in bin	1559
Major operations in bin	1398
Minor operations in bin	301
Diagnostic DSA	114
Endovascular neurointerventions (coiling / embolization)	24
Total operations in BIN (major + minor + diagnostic DSA + DSA intervention)	1837
Admissions in SSKM hospital (NCB, Alex, Alex Extn, CCU)	5838
Total admissions neurosurgery department BIN and SSKM Hospital	7397
Operations SSKM hospital – Emergency OT	1803
Operations SSKM hospital – Main OT	73
Total operations SSKM hospital	1876
Total operations neurosurgery department BIN and SSKM hospital	3713

Biochemistry

Faculty

Dr. Mousumi Mukhopadhyay, MD	Professor and Head
Dr. Utpal Kumar Biswas, DCP, MD	Professor
Dr. Debasish Mandal, MD	Associate Professor
Dr. Debasmita Bandyopadhyay, MD	Assistant Professor
Dr. Kapil Deb Lahiri, MD	Assistant Professor
Dr. Sharmistha Choudhuri, MD	Demonstrator
Dr. Amrita Karmakar, MD	Demonstrator
Dr. Arghya Ray Chaudhuri, MD	Demonstrator
Dr. Tanushri Khatua, MD	Demonstrator

Postgraduate Trainees

Session 2015-2018	Session 2016-2019	Session 2017-2020
Dr. Swati Paul Dr. Ananya Ray Dr. Debasish Mandal Dr. Sariful Islam Dr. Ananya Saha Dr. Nilabja Das Dr. Sunita Biswas	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

PhD research scholars

Mr. Jit Poddar
Ms. Upasana Ganguly

Publications of faculty members and students in last three years

- 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)
- 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
- 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
- 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
- Mukhopadhyay M, Chattopadhyay S, Chakraborty S, Bhattacharyya S and Biswas. Primary Hyperparathyroidism due to bilateral parathyroid adenoma - A clinical case report. (2014);6(1); 95-100
- 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)
- 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.
- 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.
- 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.
- Karmakar A, Jana CK and Das HN. Serum adenosine deaminase activity among newly diagnosed patients with type 2 diabetes mellitus and its correlation with insulin resistance. APJR (2014);1(XV);1-6

- 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
- 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
- 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).,
- Pinaki Saha, SayantanDasgupta, Sukla Nath, Pradipta Ghosh, Santanu Sen, TanmayJyotiSau, Arun Kumar, Utpal Kumar Biswas. Increased H₂S synthesizing activity in plasma correlated to fasting blood glucose levels: A study in type 2 diabetes patients. Asian Journal of Medical Sciences | Nov-Dec 2016| Vol 7 | Issue 6, p 6-10
- Pinaki Saha, SayantanDasgupta, Santanu Sen,Arun Kumar, Utpal Kumar Biswas. Patients with type 2 diabetes have reduced levels of plasma vitamin D3 and are well correlated with the oxidative stress parameters. Asian Journal of Medical Sciences 2016; Vol 7: Issue 3, P: 11-15
- Pinaki Saha, PiyashaBanerjee, LakshmisonaAuddya, Prasenjit Pal, Mousumi Das, Moumita Dutta, Santanu Sen, Mohan Chandra Mondal, Arun Kumar, Utpal Kumar Biswas. Simple Modified Colorimetric Methods for Assay of Total Oxidative Stress and Antioxidant Defense in Plasma. Study in Diabetic Patients. Archives Of Medicine 2015; Vol. 7: No. 5, 1, P: 1-7.
- Pinaki Saha , Piyasa Banerjee , Prasenjit Pal , LakshmisonaAuddya , Santanu Sen , TanmayJyotiSau , Arun Kumar , Utpal Kumar Biswas. Enhanced plasma H₂S levels associated with fasting blood glucose in Type-2 diabetes mellitus. 2015. Asian Journal of Medical Sciences. Vol. 6, Issue 6, P: 35-40
- Moumita Dutta, Utpal Kumar Biswas, Runu Chakraborty, Piyasa Banerjee, Arun Kumar and Utpal Raychaudhuri. Reduced Erythrocyte Carbonic Anhydrase Activity by SwieteniaMacrophylla Seeds in Diabetic. Journal of Diabetes, Metabolic Disorders & Control 2015; Vol: 2, issue 2, : 00035
- Mousumi Das, Utpal Kumar Biswas and Arun Kumar. 24 Hours Urinary Hydroxyproline - A Noninvasive, Cost-Effective and Early Biochemical Marker Which May be Used to Screen the Osteoporotic Lesion in Postmenopausal Women. Asian Journal of Medical Sciences. Jul-Aug 2015; Vol 6: Issue 4, p 21-24
- Mousumi Das, Utpal Kumar Biswas, Sabyasachi Mallick, Anindya Dasgupta and Aparna Khan. A Study On Biochemical Markers Of Bone Turnover For Early Detection Of Osteoporosis In Postmenopausal Women. Indian Journal of Medical Biochemistry 2015; Vol 17: Issue 1, p 50-55
- 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.
- 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.
- 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.

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

1. Third Annual Conference of ACCLMPCON 2017 on 7th & 8th January 2017; attended by faculties and PGTs; PGTs awarded second prize in quiz competition
2. Fifth CME of ACCLMP on 28th April 2017 at Ramakrishna Mission Seva Pratishthan; attended by faculties & PGTs
3. Workshop on hands-on training in chromatography organized for PGTs by ACCLMP at NRS Medical College on 7th July 2017
4. CME on Quality Management in Clinical Laboratory including Ethical Aspects on Human Research by AMBI at Medical College on 29th July 2017
5. AMBI silver jubilee national conference (including pre-conference workshop) at Mysuru, Karnataka from 15th to 19th November 2017; attended by faculties & PGTs

6. AMBICON 2017 (West Bengal chapter) 21st & 22nd December 2017 (including pre-conference workshop) attended by faculties and PGTs
7. Regional workshop on "Capacity Building of Faculty/ Researcher in various Medical Colleges/Research Institutes" from 19th -21st September 2016 in National Institute of Cancer Prevention and Research, Noida attended by Dr. Sharmistha Choudhuri

Training Programs

Training Program on "Medical Education Research and Technology" at Institute of Health & Family Welfare, Kolkata by faculties in 2017; Dr. Sharmistha Choudhuri, Dr. Amrita Karmakar & Dr. Arghya Ray Chaudhuri

Service Information

Census of tests done in last year

- a) Number of samples analyzed by autoanalyzer, semi-autoanalyzer and ISE in 2017:

Indoor- 71625, Outdoor- 53560, Emergency- 31374 (Total = 1,80,883)

- b) Total number of special parameters analyzed (by ELISA) in 2017: 24324

Break-up of tests done by autoanalyzer, semi-autoanalyzer, ISE and ELISA in 2017:

Tests	No. of patients	Tests	No. of patients
1. Alkaline Phosphatase	117334	24. 24 hour urinary protein	2489
2. Albumin	71784	25. Uric Acid	5043
3. Amylase	1963	26. LH	1560
4. BUN(Blood Urea Nitrogen)	143941	27. CA 125	492
5. Bilirubin	75692	28. CA 15.3	72
6. Creatinine	169026	29. CA19.9	108
7. Calcium	9891	30. CEA	132
8. Cholesterol	61665	31. PSA	1004
9. Direct HDL	58119	32. Protein Electrophoresis	76
10. Direct LDL	58119	33. 25(OH) Vitamin D3	317
11. fT3	9793	34. Serum Fe	2817
12. fT4	18315	35. TIBC	2760
13. FSH	1968	36. Transferrin saturation	2760
14. Na+ K+ Cl-	117645	37. Ferritin	475
15. TG	58119	38. LDH	7238
16. Total Protein	69317	39. Phosphate	11184
17. HbA1C	2392	40. CSF sugar	1162
18. Prolactin	2836	41. CSF protein	1162
19. S.G.O.T	71498	42. CSF chloride	1024
20. S.G.P.T	72189	43. Urine Osmolality	165
21. Sugar	139032	44. Urinary calcium creatinine ratio	65
22. TSH	25358	45. Vitamin B ₁₂	134
23. Microalbumin	2387		

Community Medicine

FACULTY

Dr. Raghunath Misra	DTM&H,MD	Professor and Head
Dr. Mausumi Basu	MD	Associate Professor
Dr. Tushar Kanti Mondal	MD	Associate Professor
Dr. Sinjita Dutta	MD	Epidemiologist-Cum-Assistant Professor
Dr. Debasish Sinha	MD	Assistant Professor-Cum-MO,UHTC
Dr. Aditi Chaudhury	MD	Assistant Professor
Dr. Murari Mohan Mondal	MD	Assistant Professor-Cum-MO, RHTC
Dr. Sribas Roy	MBBS	Demonstrator
Dr. Afifa Ahamed	MBBS	Demonstrator
Dr. Abhishek De	DPH,MD	Demonstrator
Dr. Somak Majumdar	MD	Demonstrator
Dr. Saswati Chatterjee	MD	Senior Resident-Cum-LMO, UHTC (Contractual)

FACULTY NEWS

Prof. (Dr.) Raghunath Misra

Academic activity

- Teaching of Undergraduate (MBBS), Post Graduate (MD in Community Medicine) of AIIPH&PH, Kolkata, M.Sc.(Nursing) and BPT students.
- Adjudicator of three dissertations, submitted in connection with MD in Community Examination of the University of Delhi (South Campus).
- Convener of MBBS 3rd Professional Part I Examination 2017 in Community Medicine at IPGME&R.Kolkata
- Convener of MBBS 3rd Professional Part I (Suppl.) Examination 2017 in Community Medicine at IPGME&R.Kolkata
- Adjudicator of three dissertations, submitted in connection with MD in Community Examination of the West Bengal University of Health Sciences
- 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.
- Paper-setter for MBBS 3rd Professional Part 1 examination 2017 in community Medicine of the West Bengal University of Health Sciences
- Paper-setter for MD in Community Medicine examination 2017 in the West Bengal University of Health Sciences
- Expert member of interview board for the post of assistant professor and associate professor at ESIC Medical College, Joka, Kolkata.
- Validation of Research Tools: Research Tools of 10 M.Sc (Nursing) students of the West Bengal University Of Health Sciences during the year.
- Statistical analysis of dissertation/thesis work of the post Graduate and post doctoral students of different departments of IPGME&R, Kolkata'

Research activity

- Co-Principal Investigator of National Mental Health Survey in West Bengal
- Principal investigator of Health Hazards of Arsenic pollution in Gaighata block of the district North 24 Parganas.
- Investigator of the UNICEF sponsored project "Reproductive Health Issues and status of Urban Health in West Bengal"
- Guided an ICMR sponsored project "Role of Passive Smoking on Respiratory disorder among the children attending Paediatrics Out Patient Department of IPGME&R and SSKM Hospital, Kolkata".

5. 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.
- President, Indian Association of Preventive & Social Medicine, (WB Chapter) up to 20.05.2017.
- Organizing Secretary, 44th National Annual Conference of Indian Association of Preventive and Social Medicine (IAPSMCON 2017)
- Organizing Secretary, 33rd Annual State Conference of Indian Association of Preventive and Social Medicine, West Bengal Chapter (IAPSMWB CON 2017)
- 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

1. National Trainer of IMNCI
2. State Trainer of FIMNCI
3. National Trainer HIV sentinels Surveillance.
4. National Trainer of Disaster Preparedness and Management

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

1. 44th Annual National Conference of Indian Association of Preventive and Social Medicine organized by IAPSM West Bengal Chapter, held at Science City, Kolkata on February 10th 12th 2017.
2. 33rd Annual State Conference of Indian Association of Preventive & social Medicine, west Bengal Chapter organized by Department of Community Medicine, IPGME &R, Kolkata held on 20th May, 2017
3. Organized Post Conference CME of 44th Annual National Conference of Indian Association of Preventive and Social Medicine organized by IAPSM West Bengal Chapter, at IPGME&R, Kolkata.
4. Chairperson in the session on Non-Communicable & Life Style diseases I at 44th Annual National Conference of Indian Association of Preventive and Social Medicine organized by IAPSM West Bengal Chapter, held at Science City, Kolkata on February 10th 12th 2017.
5. Chairperson in the session on Nutrition, Food safety & Food Security-I at 44th Annual National Conference of Indian Association of Preventive and Social Medicine organized by IAPSM West Bengal Chapter, held at Science City, Kolkata on February 10th 12th 2017
6. CME7 on Tropical Medicine and Infectious Diseases organized by the Society of Tropical Medicine and Infectious Diseases in India held on 11th June, 2017 and credit of 4 hours is granted by West Bengal Medical Council.
7. Chairperson in the session on Neglected Tropical Diseases at CME7 on Tropical Medicine and Infectious Diseases organized by the Society of Tropical Medicine and Infectious Diseases in India held on 11th June, 2017.
8. CME Programme on Family Planning held on 11th July 2017 at IPGME&R, Kolkata and credit of 2 hours is granted by West Bengal Medical Council.
9. Joint Annual Conference 2017 of RSSDI WB Chapter & Endocrine Society of Bengal held at ITC Sonar Bangla, Kolkata and credit of 7 hours 30 minutes is granted by West Bengal Medical Council.
10. Hands-on, Interactive Workshop on "Application of R software in Medical Research" held on May 19, 2017 at IPGME&R, Kolkata and credit of 5.5 hours is granted by West Bengal Medical Council.
11. Hands-on, Interactive Workshop on "Advanced R Workshop" held on 4th December to 9th December, 2017 at IPGME&R, Kolkata and credit of 16 hours is granted by West Bengal Medical Council
12. Pre Conference CME on GIS and Newer Vaccines held on February 9th 2017 at Science City, Kolkata and credit of 4 hours is granted by West Bengal Medical Council
13. Organized and Key note speaker of World Breastfeeding Week 2017 celebration at L. B. Dutta Rural Hospital on 07.08.2017.
14. Organized and acted as chairperson of departmental seminars and CME programs involving the faculty members, PGTs and Internees on Saturday of every week
15. Organized and attended College Round of IAPSM Quiz on World Health Day 2017 on 07.04.2017 at IPGME&R organized by IAPSM WB Chapter
16. Organized and attended World Population Day 2017 on 11.07.2017 at IPGME&R organized by IPHA HQ.

Publications

1. Basu M, Chatterjee S, De A, Sinha D, Ahamed A, Misra RN. A Study on Prevalence of Chronic Insomnia and its Association with Medical Co morbidities among Patients Attending General Out Patient Department(OPD) of a Tertiary Care Hospital of Kolkata, India. International Journal of Contemporary Medical Research 2017;4(5):1042-1047.
2. Dutta S, De A, Chatterjee S, Basu M, Misra RN. Socio-clinical profile of burn patients: An experience from a tertiary care center in West Bengal. Journal of Preventive Medicine and Holistic Health 2017;3(1):6-9
3. Basu M, Chatterjee S, Shahbabu B, Sarkar I, Sarkar K, Sinha D, Misra RN. A Study on Learning Preferences of Undergraduate Medical Students in Kolkata. International Journal of Medical and Health Research 2017; 3(8):60-65.
4. Chaudhuri A, Chattopadhyay S, Misra R, Ganguli R. Why HIV Patients Are Not Adherent to Antiretroviral Therapy: A Study Among HIV Patients Attending Anti-Retroviral Therapy Centre in A Tertiary Care Hospital in Kolkata, West Bengal IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 16, Issue 3 Ver. VI (March. 2017), PP 50-54
5. Misra R. Mental Health: Current Issues and Challenges in India, Journal of Comprehensive Health. Volume 5 Issue 1 Jan-Jul 2017 Page 3-5.
6. Pal B, Sinha D, Misra R, Basu M, Ray S. Physical Injury - is it inevitable or preventable? An experience from a tertiary care hospital of Kolkata, West Bengal. Accepted. "Medical Journal of Dr. D.Y. Patil University".

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 13.02.2017; 14.02.2017; 15.02.2017 and 20.02.2017.
- Worked as expert in connection with the inspection of colleges affiliated to Maulana AbulKalam Azad University of Technology West Bengal on 16.02.2017; 21.02.2017; 27.04.2017; 26.05.2017, 27.05.2017
- Worked as Resource Person in Hospital based training on "Medical Certification of Cause of Death" on 28.02.2017 at IPGME&R; 01.03.2017 at Kalna Subdivisional Hospital and 14.03.2017 at College of Medicine and J.N.M. Hospital, Kalyani organized by SBHI.
- Editorial Board Member of SM Journal of Preventive Medicine and Public Health.
- Reviewer of Indian Journal of Community and Family Medicine.
- Community Medicine External Examiner of 3rd MBBS, (Part-1), Supplementary Professional University Examination, 2016 on 12.04.2017 at NEIGRIHMS, Shillong.
- Organizing secretary of World Health Day observation on 21.04.2017 at CMC organized by IPHA HQ.
- Delivered lecture on CME on the topic of Immunization on 04.05.2017 organized by WBASM.
- National Editorial Board Member of 'Journal of Preventive Medicine and Holistic Health'.
- Deliver lecture on CME on the topic of Recent Advances in TB on 13.07.2017 organized by WBASM.
- Delivered lecture on World Breastfeeding Week 2017 on 01.08.2017 at B.R.Singh Hospital, 02.08.2017 at Uluberia Sub Divisional Hospital and on 07.08.2017 at L. B. Dutta Rural Hospital.
- Delivered lecture on Lifestyle Diseases on 11.10.2017 at IPGME&R organized by WBASM
- Attended OR meeting of RNTCP on 30.10.2017 at R.G.Kar MCH.
- Worked as Resource Person of "R Workshop" on 06.12.2017 at IPGME&R.
- Participated on Arsenic survey on 11.12.2017.

Meetings, conferences, CMEs, workshops and seminars attended

- Attended Pre Conference CME of IAPSMCON 2017 on 09.02.2017 at The Science City organized by IAPSM West Bengal Chapter.
- Attended IAPSMCON 2017 on 10.02.2017; 11.02.2017 and 12.02.2017 at The Science City organized by IAPSM West Bengal Chapter.
- Attended IPHACON 2017 on 24.02.2017; 25.02.2017 and 26.02.2017 at AIIMS, Jodhpur.
- Attended and Organized World Health Day on 21.04.2017 at Calcutta Medical College Hospital organized by IPHA-HQ.
- Organized and attended 60th Annual State Conference of IPHA WB Chapter on 06.05.2017 at NICED organized by IPHA WB Chapter.

- Attended Joint Annual Conference of RSSDI West Bengal Chapter & Endocrine Society of Bengal (ESB) on 12.05.2017; 13.05.2017; and 14.05.2017 at ITC Sonar Kolkata.
- Organized and attended 33rd Annual State Conference of IAPSMWBCON and Continuation of CME of 44th Annual National Conference of IAPSMCON 2017 on 20.05.2017 at IPGME&R.
- Attended IDEACON 2017 on 07.07.2017; 08.07.2017; and 09.07.2017.
- Organized and attended World Population Day 2017 on 11.07.2017 at IPGME&R organized by IPHA HQ.
- Attended monthly CME of West Bengal Association of Sports Medicine on 13.07.2017; 11.10.2017; 22.11.2017; and 29.11.2017 at IPGME&R.
- Attended peer review meeting of Indian Journal of Public Health on 15.07.2017; and 25.11.2017 at IPHA Bhaban.
- Attended seminar on STCI guidelines on 22.07.2017 at Hotel Taj Bengal organized by Tuberculosis Health Action Learning Initiative (THALI) and IPHA-HQ.
- Attended Insulin Discovery Day 2017 (Diabetes in Young: A Clinical Update) on 30.07.2017 at ITC Sonar, Kolkata organized by DAIWB.
- Participated in the Workshop on "Cold Chain Management & Customer Orientation" on 30.07.2017 at IMA House, Jadavpur.
- Attended INCLEN Leadership and Management Programme (LAMP-2017) from 17.08.2017 to 26.08.2017 at New Delhi organized by INCLEN Institute of Global Health (IGH).
- Attended National Nutrition Week on 07.09.2017 at CMC organized by DAIWB.
- Attended 24th Annual Conference of Association of Physicians of India (APICON), West Bengal Branch on 27.10.2017 at Hyatt Regency, Kolkata.
- Attended and Participated as delegate at the Workshop on Research Methodology & Medical Ethics on 16.11.2017 at Science City organized by NAPCON 2017.

Membership and other professional activity

- Joint Secretary of 44th Annual National Conference of Indian Association of Preventive and Social Medicine (IAPSM).
- Joint Secretary of West Bengal Association of Sports Medicine.
- Member of Internal Complaints Committee of IPGME&R.
- Member of Gender Harassment Committee of IPGME&R.
- Associate Editor of Journal of Comprehensive Health since 20.05.2017

Clinical activity

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

Training activity

- Trained on **New Contraceptive Update** on 04.09.2017; and 05.09.2017 at NRSMC.

Publications

1. Basu M, Chatterjee S, De A, Sinha D, Ahamed A, Misra RN. A Study on Prevalence of Chronic Insomnia and its Association with Medical Co morbidities among Patients Attending General Out Patient Department(OPD) of a Tertiary Care Hospital of Kolkata, India. International Journal of Contemporary Medical Research 2017; 4(5):1042-1047.
2. Chatterjee S, Basu M, Bandyopashyay K, De A, Dutta S. Knowledge and Practice of Foot Care amongst Diabetic Patients Attending a Tertiary Care Hospital of Kolkata, India. Journal of Preventive Medicine and Holistic Health 2017;3(1):15-21.
3. Dutta S, De A, Chatterjee S, Basu M, Misra RN. Socio-clinical profile of burn patients: An experience from a tertiary care center in West Bengal. Journal of Preventive Medicine and Holistic Health 2017;3(1):6-9.
4. Basu M, Chatterjee S, Shahbabu B, Sarkar I, Sarkar K, Sinha D, Misra RN. A Study on Learning Preferences of Undergraduate Medical Students in Kolkata. International Journal of Medical and Health Research 2017;3(8):60-65.
5. Mathiyalagen P, Peramasamy B, Vasudevan K, Basu M, Cherian J, Sundar B. A descriptive cross-sectional study on menstrual hygiene and perceived reproductive morbidity among adolescent girls in a union territory, India. J Family Med Prim Care 2017; 6:360-365.
6. Das S, Basu M, Mandal A, Roy N, Chatterjee S, Dasgupta A. Prevalence and Determinants of Delay in Diagnosis of Pulmonary Tuberculosis in Darjeeling District of West Bengal. Accepted. jfmpc_238-16.
7. Pal B, Sinha D, Misra R, Basu M, Ray S. Physical Injury - is it inevitable or preventable? An experience from a tertiary care hospital of Kolkata, West Bengal. Accepted. "Medical Journal of Dr. D.Y. Patil University".

Dr. Tushar Kanti Mondal

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

- Organised and attended 44th Annual National Conference of IAPSM on 10th-12th February 2017 at Science City, Kolkata
- Attended Annual State Conference of IAPSM 2017 WB Chapter at IPGMER, Kolkata
- Attended APICON 2017 organised by Association of Physicians of India, MUMBAI
- Attended APICON January 2017 organised by Association of Physicians of India North Bengal Chapter from June, 2017 at Siliguri
- Attended and Organized IAPSM Quiz of World Health Day 2017 at IPGME&R organized by IAPSMWB Chapter.
- Attended IPHA Annual State Conference at Medical College, Kolkata
- Attended CME on Pneumococcal Vaccine at IPGMER organised by IPGMER, Kolkata
- Attended Annual IDEACON-2017(Non-communicable diseases)
- Attended RSSDI 2017(Non-communicable diseases), Bhubaneswar organised by RSSDI Odisha Chapter
- Attended National Annual conference of Asthma and COPD, Napcon2017, at Science City, Kolkata
- Attended the Annual Geriatric Conference (WB Chapter) organised by Indian Academy of Geriatrics at on September 2017
- Attended Non-Communicable diseases (Hypertension-Oct and Diabetes-Nov) National Annual conference August, 2017 at Kolkata
- Attended Annual state Conference organised by API on -October, 2017 at Hyatt Hotel, Kolkata
- Attended 63 Foundation Day, August 2017 of IPHA organised by IPHA head quarter
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on, 2017.
- Taken teachers training and ATCOM (Training Programme on Basic Course Workshop in Medical Technologies and one day Sensitizing Program on Atcom) training from Regional Centre KGMU, Lucknow, UP July-August 2017

Membership

- Member of IAPSM.
- Member of IPHA

Clinical activity

- Regularly attended OPD on every Tuesday.

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
- Was Convenor of Registration Sub- committee of Organizing Committee of 44th Annual National Conference of Indian Association of Preventive and Social Medicine organized by IAPSM West Bengal Chapter, held at Science City, Kolkata on February 10th 12th 2017
- Validation of Research Tools: Research Tools M Sc (Nursing) students of the West Bengal University of Health Sciences during the year.
- Received training on Measles and Rubella surveillance at Medical College, Kolkata on 22nd August, 2017
- Attended meeting for Adolescent Health Clinic at NRS Medical College on 16th August, 2017
- Received training on newer Contraceptives at NRS Medical College on 7th and 8th
- Participated on Arsenic survey on 12.12.2017.

Meetings, Conferences, CMEs, Workshops and Seminars attended

- 1) 44th Annual National Conference of Indian Association of Preventive and Social Medicine organized by IAPSM West Bengal Chapter, held at Science City, Kolkata on February 10th 12th 2017.
- 2) Attended Pre Conference CME of IAPSMCON 2017 on 09.02.2017 at The Science City organized by IAPSM West Bengal Chapter.
- 3) Attended 62nd. Foundation Day of Indian Public Health Association CME at Medical College Auditorium.

- 4) 33rd Annual State Conference of Indian Association of Preventive & social Medicine, west Bengal Chapter organized by Department of Community Medicine, IPGME &R, Kolkata held on 20th May, 2017
- 5) CME Programme on Family Planning held on 11th July 2017 at IPGME&R, Kolkata and credit of 2 hours is granted by West Bengal Medical Council.
- 6) Joint Annual Conference 2017 of RSSDI WB Chapter & Endocrine Society of Bengal held at ITC Sonar Bangla, Kolkata and credit of 7 hours 30 minutes is granted by West Bengal Medical Council.
- 7) Hands-on, Interactive Workshop on "Application of R software in Medical Research" held on May 19, 2017 at IPGME&R, Kolkata and credit of 5.5 hours is granted by West Bengal Medical Council.
- 8) Hands-on, Interactive Workshop on "Advanced R Workshop" held on 4th December to 9th December, 2017 at IPGME&R, Kolkata and credit of 16 hours is granted by West Bengal Medical Council.
- 9) Pre Conference CME on GIS and Newer Vaccines held on February 9th 2017 at Science City, Kolkata and credit of 4 hours is granted by West Bengal Medical Council.

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

Publications

1. Dutta S, De A, Chatterjee S, Basu M, Misra RN. Socio-clinical profile of burn patients: An experience from a tertiary care centre in West Bengal. Journal of Preventive Medicine and
2. Chatterjee S, Basu M, Bandyopadhyay K, De A, Dutta S. Knowledge and Practice of Foot Care amongst Diabetic Patients Attending a Tertiary Care Hospital of Kolkata, India. Journal of Preventive Medicine and Holistic Health 2017; 3(1):15-21. Holistic Health 2017; 3(1):6-9.

Dr. Debasish Sinha

Academic activity

- Scrutinizer of 3rd Professional Part 1 Community Medicine from 11.01.2016 to 14.01.2016 at IPGME&R, Kolkata under WBUHS.
- Act as Co-Investigator of 'National Mental Health Survey, 2015-'16' in West Bengal under leadership of NIMHANS and acting in post-survey reporting during 2017.
- Worked as Resource Person on Medical Certification of Cause of Death (MCCD) & ICD-10 Workshop at Howrah District Hospital and Uluberia hospital.
- Delivered lecture on World Breastfeeding Week 2017 on 02.08.2017 at Uluberia Sub Divisional Hospital.
- Organized and delivered lecture on World Breastfeeding Week 2017 on 07.08.2017 at L. B. Dutta Rural Hospital.
- Participated on Arsenic survey on 13.12.2017 & 14.12.2017.

Meetings, conferences, CMEs, workshops and seminars attended

- Attended 62nd. Foundation Day of Indian Public Health Association CME at Medical College Auditorium.
- Attended OR meeting of RNTCP on 30.10.2017 at R.G.Kar MCH.
- Attended Pre Conference CME of IAPSMCON 2017 on 09.02.2017 at The Science City organized by IAPSM West Bengal Chapter.
- Attended IAPSMCON 2017 on 10.02.2017; 11.02.2017 and 12.02.2017 at The Science City organized by IAPSM West Bengal Chapter.
- Attended IPHACON 2017 on 24.02.2017; 25.02.2017 and 26.02.2017 at AIIMS, Jodhpur.
- Attended CME on Pneumococcal Vaccine on 29.03.2017 at IPGME&R.
- Attended and Organized World Health Day on 21.04.2017 at Calcutta Medical College Hospital organized by IPHA-HQ.
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended Joint Annual Conference of RSSDI West Bengal Chapter & Endocrine Society of Bengal (ESB) on 12.05.2017; 13.05.2017; and 14.05.2017 at ITC Sonar Kolkata.
- Hands-on, Interactive Workshop on "Application of R software in Medical Research" held on May 19, 2017 at IPGME&R, Kolkata and credit of 5.5 hours is granted by West Bengal Medical Council.

- Organized and attended 33rd Annual State Conference of IAPSMWBCON and Continuation of CME of 44th Annual National Conference of IAPSMCON 2017 on 20.05.2017 at IPGME&R.
- Attended IDEACON 2017 on 07.07.2017;08.07.2017; and 09.07.2017.
- Organized and attended World Population Day 2017 on 11.07.2017 at IPGME&R organized by IPHA HQ.
- Attended CME on All India General Practitioners Association (AIGPA) at NRS Medical college.
- Attended and organized Undergraduate quiz at College of Medicine &SDH organized by IAPSMWB Chapter.

Membership

- **Joint Treasurer** of 44th Annual National Conference of Indian Association of Preventive and Social Medicine (IAPSM) .
- Member of IAPSM.
- Member of IPHA
- Treasurer of IAPSM – WB Chapter
- Member, Geriatric Association of India, General Practitioners Association of India, Indian Diabetic Association
- **Executive Member** of West Bengal Association of Sports Medicine.

Clinical activity

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

Training activity

- Trained on New Contraceptive Update on 04.09.2017; and 05.09.2017 at NRSMC.

Publications

1. Basu M, Chatterjee S, De A, Sinha D, Ahamed A, Misra RN. A Study on Prevalence of Chronic Insomnia and its Association with Medical Co morbidities among Patients Attending General Out Patient Department(OPD) of a Tertiary Care Hospital of Kolkata, India. International Journal of Contemporary Medical Research 2017;4(5):1042-1047.
2. Basu M, Chatterjee S, Shahbabu B, Sarkar I, Sarkar K, Sinha D, Misra RN. A Study on Learning Preferences of Undergraduate Medical Students in Kolkata. International Journal of Medical and Health Research 2017; 3(8):60-65.
3. Pal B, Sinha D, Misra R, Basu M, and Ray S. Physical Injury - is it inevitable or preventable? An experience from a tertiary care hospital of Kolkata, West Bengal. Accepted. "Medical Journal of Dr. D.Y. Patil University".

Dr. Aditi Chaudhury

Academic activity

- Resource person for Medical Teachers Training Programme at IHFW, Kolkata.
- Resource person for Dental Teachers Training Programme at IHFW, Kolkata.
- Resource person for Nursing Clinical Tutors Training Programme at IHFW, Kolkata
- 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 & Course Coordinator For ATCOM training programme for Nurses
- Resource person for Diploma in Family Medicine course at IHFW, Kolkata
- Reviewer of Indian Journal of Public Health (IJPH) & Indian Journal of Community & Family Medicine (IJCFM)

Research activity

Investigator in a project entitled "Utilisation Patterns of Antibiotic Medicines In Government Health Facilities Of West Bengal with special interest on Procurement system, Rationality Of Consumption and Predictiveness of Resistance: An Observational, Noninterventional Study." Funded by Government of West Bengal.

Training activity

- a. Trained in "ICH-Good Clinical Practices" at RG Kar Medical College, Kolkata.
- b. Trained in "Workshop on Qualitative Research Methods" at IHFW, Kolkata

Publications

1. Chaudhuri A, Chattopadhyay S, Siddalingaiah HS. Rationality in handling biomedical waste: a study on the sanitary workers from a tertiary care hospital in West Bengal. Int J Community Med Public Health 2017;4
2. Siddalingaiah HS, Chaudhuri A, Chandrakala D. Measles occurrence, vaccination coverages and malnutrition in India: correlations, trends, and projections by time series analysis. Int J Community Med Public Health Volume 5 Issue 1
3. Amitava Dan, Tanushree Mondal, Kaustav Chakraborty, Aditi Chaudhuri, Asish Biswas. Clinical course and treatment outcome of Koro: A follow up study from a Koro epidemic reported from West Bengal, India. Asian Journal of Psychiatry :26 (2017) ;14–20

Dr. Murari Mohan Mondal**Academic activity**

- Regular visit at RHTC, L B Dutta Rural Hospital Muchisa as acting as MO in Charge.
- Acting as Nodal Officer of IPV programme at IPGME&R.
- Participated on Arsenic survey on 13.12.2017.

Meetings, conferences, CMEs, workshops and seminars attended

- Attended 72nd Annual Conference of The Association of Physicians of India, APICON Mumbai 2017 during 26th to 29th January 2017.
- Pre Conference CME of IAPSMCON 2017 on 09.02.2017 at The Science City organized by IAPSM West Bengal Chapter.
- IAPSMCON 2017 on 10.02.2017; 11.02.2017 and 12.02.2017 at The Science City organized by IAPSM West Bengal Chapter as an Organising Committee Member.
- Attended Annual Conference of Association of Chest Physician (WB) Kolkata on 11th & 12th February 2017.
- CME on Adult Pneumococcal Vaccine on 29.03.2017 at IPGME&R as resource person at IPGME&R.
- CME on Adult Pneumococcal Vaccine on 20.04.2017 as resource person at CNMCH.
- Attended World Health Day on 21.04.2017 at Calcutta Medical College Hospital organized by IPHA-HQ.
- Attended Joint Annual Conference of RSSDI West Bengal Chapter & Endocrine Society of Bengal (ESB) on 12.05.2017; 13.05.2017; and 14.05.2017 at ITC Sonar Kolkata.
- Attended Diabetes Update 2017 at Kolkata organised by Kolkata Diabetes and Endocrinological Forum on 14.05.2017.
- Organized and attended 33rd Annual State Conference of IAPSMWBCON and Continuation of CME of 44th Annual National Conference of IAPSMCON 2017 on 20.05.2017 at IPGME&R.
- Attended IDEACON 2017 on 07th to 9th July 2017 at Kolkata.
- Attended World Population Day 2017 on 11.07.2017 at IPGME&R organized by IPHA HQ.
- Attended Insulin Discovery Day 2017 (Diabetes in Young: A Clinical Update) on 30.07.2017 at ITC Sonar, Kolkata organized by DAIWB.
- Attended World Breastfeeding Week Programme 2017 on 02.08.2017 at IPGME&R organized by UNICEF.
- CME on Pneumococcal Vaccine on 08.09.2017 at IPGME&R as resource person.
- Attended 24th Annual Conference of Association of Physicians of India (APICON), West Bengal Branch on 27.10.2017 at Kolkata.
- CME on Adult Pneumococcal Vaccine on 24.11.2017 as resource person at NRSMCH.
- Attended Annual National Conference of the Cardiological Society of India at Science City; Kolkata during 30th November to 3rd December 2017.
- CME on Pneumococcal Vaccine on 12.12.2017 at IPGME&R as resource person organised by IPHA.
- CME on Diabetes at IPGME&R 09.12.2017 as resource person.

Membership

- Life member: IAPSM.
- Life member : IPHA
- Executive Committee member of IAPSM West Bengal Chapter and

Clinical activity

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

Training activity

- Orientation training programme on NVBDCP at STM on 27.03.2017

Publication

1. Dr. Murari Mohan Mandal, Dr. Abhishek De and Dr. Saibendu Kumar Lahiri. Socio-demographic correlation of morbidity in zari workers of rural West Bengal. International Journal of Applied Research. 2017 Oct; 3(6):792-799.

Dr. Sribas Roy**Meetings, Conferences, CMEs, Workshops and Seminars Attended:**

- Attended Pre Conference CME of IAPSMCON 2017 on 09.02.2017 at The Science City organized by IAPSM West Bengal Chapter.
- Attended IAPSMCON 2017 on 10.02.2017; 11.02.2017 and 12.02.2017 at The Science City organized by IAPSM West Bengal Chapter
- Attended 33rd Annual State Conference of Indian Association of Preventive & social Medicine, west Bengal Chapter organized by Department of Community Medicine, IPGME&R, Kolkata held on 20th May, 2017

Dr. Afifa Ahamed**Academic activity**

- Was speaker in CME on "RABIES & IT'S PREVENTION" on 19/04/17 at IPGME&R.

CMEs, Meetings, Conferences, , Workshops and Seminars attended

- Attended seminar on Management of COPD at IPGME&R on 13/01/17.
- Attended seminar on Hypertension on 14/01/17 at IPGME&R.
- Attended ceremony on FOUNDATION DAY OF IPGME&R on 16/01/17.
- Attended IAPSMCON- 2017 at Science City from 9/02/17 to 12/02/17 organised by Dept of Community Medicine IPGME&R.
- Attended seminar on ROLE OF FIBRINOLYTIC on 20/02/17 at LT-5, IPGME&R.
- Attended CME on PNEUMOCOCCAL VACCINE on 29/03/17 at IPGME&R.
- Attended seminar on Management of COPD & BRONCHIAL ASTHMA at IPGME&R on 05/04/17.
- Attended College Round of IAPSM Quiz on World Health Day 2017 on the topic "Depression, Let's Talk" on 07.04.2017 at IPGME&R organized by IAPSM WB Chapter.
- Participated as a delegate in the CME programme on Mental Health on the occasion of World Health Day, organized by IPHA on April 21, 2017 at Calcutta Medical College.
- Attended CME on HYPERURICEMIA & IT'S TREATMENT at IPGME&R on 22/04/17.
- Attended CME on "WORLD ASTHMA DAY" & "NATIONAL HEALTH POLICY" at IPGME&R on 02/05/17.
- Attended as a delegate at Joint Annual Conference, 2017 of RSSDI WB and Endocrine Society of WB on May 13 and 14, 2017 at Kolkata.
- Attended seminar on "Cause of MMR & Recent Initiative to Prevent it" at IPGME&R on 16/05/17.
- Organized and attended 33rd Annual State Conference of IAPSMWBCON and Continuation of CME of 44th Annual National Conference of IAPSMCON 2017 on 20.05.2017 at IPGME&R.
- Attended CME on "POST DISASTER MANAGEMENT" on 01/06/17 at IPGME&R.
- Attended CME on "RECENT CHANGES IN TB GUIDELINE" on 08/06/17 at IPGME&R.
- Participated as Delegate in the IPHA-organized CME on Family Planning on the occasion of World Population Day 2017 at IPGME&R, Kolkata on July 11, 2017.
- Participated as Delegate in "National Annual Conference of Hypertension Society of India" from 18/08/17 to 20/08/17.
- Participated as Delegate in the CME programme-cum- 62nd Foundation Day, 2017, organized by IPHA on September 06, 2017 at Medical College, Kolkata.
- Performed "Control Room Duty" at Sasthyabhaban from 25/09/17 to 03/10/17.
- Attended Seminar on "Pneumococcal Vaccine" on 09/12/17 & 12/12/17 at IPGME&R.

Membership

- Member of Internal Complaints (Grievance Cell) Committee of IPGME&R.

Clinical activity

- Regularly attended OPD throughout the year on Saturdays regularly.

Training activity

- Participated in workshop on Application of R software in Medical Research organized by IAPSM WBC and Department of Community Medicine, IPGME&R, Kolkata, held on May 19, 2017 at IPGME&R, Kolkata.

Publications

1. Basu M, Chatterjee S, De A, Sinha D, Ahamed A, Misra R. A Study on Prevalence of Chronic Insomnia and its Association with Medical Co morbidities among Patients Attending General Outpatient Department (OPD) of a Tertiary Care Hospital of Kolkata, India. *International Journal of Contemporary Medical Research* 2017; 4(5):1042-1047.
2. Basu M, Sinha D, Ahamed A, Misra R: "State of Depression, Anxiety & Stress among Nursing student in a tertiary care hospital at Kolkata" paper accepted for publication.

Dr. Abhishek De**Academic activity**

- Regularly advised Post-Graduate students of various MD courses at IPGME&R on statistical analysis and interpretation during their dissertation work.
- Regularly advised Post-Graduate Nursing students of various MSc (Nursing) courses at IPGME&R on questionnaire design and validation, statistical analysis and interpretation during their dissertation work.

CMEs, Meetings, Conferences, , Workshops and Seminars attended:

- Organized and attended College Round of IAPSM Quiz on World Health Day 2017 on 07.04.2017 at IPGME&R organized by IAPSM WB Chapter.
- Participated as a delegate in the CME programme on Mental Health on the occasion of World Health Day, organized by IPHA on April 21, 2017 at Calcutta Medical College.
- Attended as a delegate at Joint Annual Conference, 2017 of RSSDI WB and Endocrine Society of WB on May 13 and 14, 2017 at Kolkata.
- Organized and attended 33rd Annual State Conference of IAPSMWBCON and Continuation of CME of 44th Annual National Conference of IAPSMCON 2017 on 20.05.2017 at IPGME&R.
- Participated as Delegate in the IPHA-organized CME on Family Planning on the occasion of World Population Day 2017 at IPGME&R, Kolkata on July 11, 2017.
- Organized and attended IPGME&R Round of IAPSM West Bengal
- Attended a workshop on Research Methodology at National Institute of Cholera and Enteric Diseases (NICED), Kolkata, organized by Indian Council of Medical Research (ICMR) between August 18-20, 2017.
- Organized and attended IAPSM West Bengal Chapter (WBC) 2017 Inter-College Undergraduate Quiz for MBBS students at IPGME&R on August 29, 2017
- Participated as Delegate in the CME programme-cum- 62nd Foundation Day, 2017, organized by IPHA on September 06, 2017 at Medical College, Kolkata.

Membership

- Member of Editorial Board of Journal of Comprehensive Health, official publication of IAPSM WBC since May 20, 2017.

Clinical activity

- Regularly attended OPD throughout the year on Tuesdays.

Training activity

- Served as Joint Convenor and Resource Person for an advanced hands-on interactive workshop on Application of R software in Medical Research organized by Medical Education Unit (MEU), IPGME&R Kolkata and Department of Community Medicine, IPGME&R Kolkata, held between December 4 and 9, 2017 at IPGME&R, Kolkata.
- Organized and Served as Resource Person for a primer workshop on Application of R software in Medical Research organized by IAPSM WBC and Department of Community Medicine, IPGME&R, Kolkata, held on May 19, 2017 at IPGME&R, Kolkata.

Publications

1. De A, Kar S, Das BC. Rural-urban correlates of reproductive health with mental health in women in Odisha, India. *Int J Community Med Public Health*. 2017 Oct;4(10):3846-3853 DOI: 10.18203/2394-6040.ijcmph20174262
2. Mandal MM, De A, Lahiri SK. Socio-demographic correlates of morbidity in zari workers of rural West Bengal. *International Journal of Applied Research* 2017; 3(6): 792-799
3. Dutta S, De A, Chattopadhyay S, Basu M, Misra R. Socio-clinical profile of burn patients: An experience from a tertiary care center in West Bengal. *Journal of Preventive Medicine and Holistic Health*, January-June 2017; 3(1):6-9
4. Basu M, Chatterjee S, De A, Sinha D, Ahamed A, Misra R. A Study on Prevalence of Chronic Insomnia and its Association with Medical Co morbidities among Patients Attending General Out Patient Department (OPD) of a Tertiary Care Hospital of Kolkata, India. *International Journal of Contemporary Medical Research* 2017;4(5):1042-1047.

Dr. Somak Majumdar

Academic activity

- Regularly took MBBS lecture and practical classes and Internal Examinations.
- Conducted a survey on "Health Hazards of Arsenic pollution in Gaighata block of the district North 24 Parganas" on December 13 & 14, 2017.
- Advised Post-Graduate students of various MD courses at IPGME&R on statistical analysis and interpretation during their dissertation work.

CMEs, Surveys, Meetings, Conferences, Workshops and Seminars attended

- Attended seminar on Management of COPD & BRONCHIAL ASTHMA at IPGME&R on April 5, 2017.
- Conducted the College Round of IAPSM Quiz on World Health Day 2017 on April 7, 2017 at IPGME&R organized by IAPSM WB Chapter.
- Attended CME on Constipation at IPGME&R on April 17, 2017.
- Attended a CME on "Rabies & its Prevention" on April 19, 2017 at IPGME&R.
- Participated as a delegate in the CME programme on Mental Health on the occasion of World Health Day, organized by IPHA on April 21, 2017 at Calcutta Medical College.
- Attended CME on Hyperuricemia & its Treatment at IPGME&R on April 22, 2017.
- Attended Joint Annual Conference of RSSDI West Bengal Chapter & Endocrine Society of Bengal (ESB) on May 12, 13 & 14, 2017 at ITC Sonar Kolkata.
- Attended the 33rd Annual State Conference of IAPSMWB CON and Continuation of CME of 44th Annual National Conference of IAPSM CON 2017 on May 20, 2017 at IPGME&R.
- Participated as Delegate in the IPHA-organized CME on Family Planning on the occasion of World Population Day 2017 at IPGME&R, Kolkata on July 11, 2017.
- Attended seminar on "Osteoarthritis" & "LRTI – Judicial use of Antibiotic" on July 12 & July 14, 2017 respectively at IPGME&R.
- Attended World Breastfeeding Week Programme 2017 on August 02, 2017 at IPGME&R organized by UNICEF
- Attended the programme on World Breastfeeding Week 2017 on August 07, 2017 at L. B. Dutta Rural Hospital organized by IPGME&R.
- Participated as Delegate in "National Annual Conference of Hypertension Society of India" from August 18 to 20, 2017.
- Conducted IAPSM West Bengal Chapter 2017 Inter-College Undergraduate Quiz for MBBS students at IPGME&R on August 29, 2017
- Attended 24th Annual Conference of Association of Physicians of India (APICON), West Bengal Branch on October 27, 2017 at Hyatt Regency, Kolkata.
- Attended a CME on "Role of newer insulins in diabetes" on November 11, 2017 at Hotel Park.
- Attended a CME on "Initiation and intensification of insulin in type 2 diabetes" on December 9, 2017 at IPGME&R.
- Attended a CME on "Adult Pneumococcal Vaccine" on December 12, 2017 at IPGME&R.
- Attended a seminar on "Diabetes Control and Complications Summit" on December 17, 2017 at The Westin Hotel, Kolkata.

Membership

- Life member of Indian Association of Preventive and Social Medicine.

- Life member of Indian Public Health Association.

Clinical activity

- Regularly attended **OPD** throughout the year on every Tuesday.

Training

- Served as Resource Person and trainer for an advanced, hands-on, interactive workshop on Application of R software in Medical Research organized by Medical Education Unit (MEU), IPGME&R Kolkata and Department of Community Medicine, IPGME&R Kolkata, held between December 4 and 9, 2017 at IPGME&R, Kolkata.
- Served as Resource Person and trainer for a primer workshop on Application of R software in Medical Research organized by IAPSM WBC and Department of Community Medicine, IPGME&R, Kolkata, held on May 19, 2017 at IPGME&R, Kolkata.
- Delivered a CME lecture on “Teneligliptin-its uses in diabetes management” on April 26, 2017 at IPGME&R.
- Delivered a CME lecture on “Carbapenems with focus on faropenem” on July 20, 2017 at IPGME&R.

Publications

1. Majumdar S., Dasgupta A., Karmakar N., Perceived quality of care and beneficiary characteristics in Anganwadi centers in a borough of Kolkata, Ind. Journ. of App Res., June 2017.
2. Sinha C., Kumar A., Sharma S., Singh A.K., Majumdar S., Kumar A., Sahay N., Kumar B., Bhadani U.K., Ultrasound assessment of cranial spread during caudal blockade in children: effect of different volumes of local anaesthetics, Saudi Journ. of Anaes., June 2017.
3. Bhadani P.P., Shuchismita, Jamal I., Sinha R., Majumdar S., Reliability of fine needle aspiration cytology in the evaluation of palpable breast lumps – an institution based study, Arch. of Cyto and Histopath Res., July 2017.
4. Basu M., Majumdar S., Patient satisfaction at a primary level health care facility in a district of West Bengal: are our patients really satisfied? Med. Journ. of Dr. D.Y. Patil Univ., Sept. 2017.

Dr. Saswati Mukherjee

Academic activity

- Regularly took MBBS lecture and practical classes and Internal Examinations.
- Conducted a survey on “Health Hazards of Arsenic pollution in Gaighata block of the district North 24 Parganas” on December 12, 2017.
- Advised Post-Graduate students of various MD courses at IPGME&R on statistical analysis and interpretation during their dissertation work.

CMEs, Surveys, Meetings, Conferences, Workshops and Seminars attended

- Conducted the College Round of IAPSM Quiz on World Health Day 2017 on April 7, 2017 at IPGME&R organized by IAPSM WB Chapter.
- Attended the 33rd Annual State Conference of IAPSMWBCON and Continuation of CME of 44th Annual National Conference of IAPSMCON 2017 on May 20, 2017 at IPGME&R.
- Participated as Delegate in the IPHA-organized CME on Family Planning on the occasion of World Population Day 2017 at IPGME&R, Kolkata on July 11, 2017.
- Attended World BreastfeedingWeek Programme 2017 on August 02, 2017 at IPGME&R organized by UNICEF
- Attended the programme on World Breastfeeding Week 2017 on August 07, 2017 at L. B. Dutta Rural Hospital organized by IPGME&R.
- Participated as delegate in “National Annual Conference of Hypertension Society of India” Aug 18-20, 2017.
- Conducted IAPSM West Bengal Chapter 2017 Inter-College Undergraduate Quiz for MBBS students at IPGME&R on August 29, 2017
- Attended 24th Annual Conference of Association of Physicians of India (APICON), West Bengal Branch on October 27, 2017 at Hyatt Regency, Kolkata.
- Attended a CME on “Initiation and intensification of insulin in type 2 diabetes” on December 9, 2017 at IPGME&R.
- Attended a CME on “Adult Pneumococcal Vaccine” on December 12, 2017 at IPGME&R.
- Attended a seminar on “Diabetes Control and Complications Summit” on December 17, 2017 at The Westin Hotel, Kolkata.

Membership

- Life member of Indian Association of Preventive and Social Medicine.

- Life member of Indian Public Health Association.

Clinical activity

- Regularly attended OPD throughout the year on every Tuesday.

DEPARTMENTAL ACTIVITIES

ACADEMIC ACTIVITIES

- Teaching of MBBS Students, Bachelor of Physiotherapy Students, MSc. Nursing Students.
- The Department runs Urban Health Centre at the following Centres
 - UPHC 81 at 16 Mondal Temple Road; Kolkata-53
 - Vidyasagar State General Hospital
 Dr. Debasish Sinha is in charge of UHTC
 Dr. Saswati Mukherjee is the Lady Medical Officer at UHTC
 Regular specialist visits occur at UHTC from IPGME&R (schedule of Specialist visit given as Annexure 1)
- The Department runs Urban Health Centre at Lakhsmi Bala Datta Rural Hospital
 Dr. Murari Mohan Mandal is in charge of RHTC
 Regular specialist visits occur at RHTC from IPGME&R (schedule of Specialist visit given as Annexure 1)
- Teaching and training of final year MD (Community Medicine) students of All India Institute of Hygiene and Public Health.
- Training of the interneers of IPGME&R
- Research activities done by undergraduate students under the guidance of faculty members-
 - A study on sleeping pattern among undergraduate medical students of IPGME&R and SSKM Hospital, Kolkata
 - A Study on Prevalence of Chronic Insomnia and it's Relation with Medical Co morbidities among Patients Attending General Out Patient Department(OPD) of IPGME&R/SSKM Hospital
 - A study on Knowledge, attitude and practice regarding organ donation among junior doctors of I.P.G.M.E.&R. and S.S.K.M. Hospital
 - A study on quality of life of patients attending Radiotherapy OPD of IPGME&R Kolkata
 - Standard for TB care in India (STCI) guidelines- a study on knowledge, attitude and practice among junior doctors of IPGME&R and SSKM hospital
 - Study on prediction of Type 2 Diabetes Mellitus in Undergraduate MBBS students: A Cross-sectional study in a Tertiary Health Centre, Kolkata
 - A study on work related neck pain among desk workers of a IPGME&R and SSKM Hospital
 - Epidemiological study on awareness and practice on transmission and prevention of HIV/AIDS among long distance truckers in a truck terminal of West Bengal
 - Awareness on snakebite and its management among the adult population of Budge-Budge 2 Block, South 24 Parganas.
 - A study on perceived stress among junior doctors of IPGME&R, Kolkata
 - Comparison of Physician's empathy towards patients' perception of the same at a tertiary Medical Care Centre of Eastern India.
- Nodal centre of 'Integrated Disease Surveillance Project' of SSKM Hospital, Kolkata. The department also conducts orientation Training Programmes for doctors, paramedical staff and nurses.
- Family Health Care Study done by the 6th Semester students in the urban field practice area.
- Regular CME programme Journal club, and Seminars held in the Department involving the faculty members and PGTs.
- Thesis protocol correction, thesis evaluation, thesis data analysis of post graduate students of IPGME&R and All India Institute of Hygiene and Public Health.
- 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 center etc are also conducted by the faculty members of the department in collaboration with other departments.
- National Mental Health Survey, in West Bengal under leadership of NIMHANS** is being conducted by faculties of the department.

- m. Epidemiological study of Arsenic affected people of Gaighata block of North 24 Parganas was organised by the department.
- n. Survey on **Reproductive Health Issues and Current Status of Urban Health in West Bengal** with collaboration of UNICEF was done at Maheshtala Municipality

OPD ACTIVITIES

General OPD

Situated in the Ground Floor of Academic Building

OPD Roster

Days	Doctors
Tuesday	Dr. Tushar Kanti Mondal Dr. Debasish Sinha Dr. Abhishek De Dr. Somak Majumdar
Thursday	Prof. Raghunath Misra Dr. Murari Mohan Mandal Dr. Sinjita Dutta Dr. Saswati Mukherjee
Saturday	Dr. Mausumi Basu Dr. Sribas Ray Dr. Afifa Ahamed

Total OPD attendance since December 2016 to November 2017 – **16,006**

Attendance	Male	Female
New	4451	4567
Old	3567	3421
Total	8018	7988

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

Immunisation Clinic

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

Following are the number of vaccines administered up till 30th November 2017.

Vaccine	Recipients
TT 1	1246
TT 2	722
TT Booster	26
TT 10 years	96
TT 16 years	56
OPV 0	4143
OPV 1	278
OPV 2	136
OPV 3	128
OPV Booster	142

Vaccine	Recipients
DPT 1	224
DPT 2	110
DPT 3	91
DPT Booster	136
DPT 5 years	156
BCG	4292
Pentavalent 1	44
Pentavalent 2	25
Pentavalent 3	26

Vaccine	Recipients
Hepatitis B Birth	3594
Hepatitis B 1	216
Hepatitis B 2	110
Hepatitis B 3	96
Measles 1	152
Measles 2	165
JE 1	107
JE 2	134
IPV 1	206
IPV 2	119

Dentistry (Odontostomatology)

STAFF

Faculty

Dr. S. K. DAS	MDS (Periodontia)	Professor & Head
Vacant	One post	Associate professor
Vacant	One post	Assistant professor
Dr. A. Sengupta	MDS (Oral & maxillofacial surgery)	Clinical tutor cum Demonstrator

Dental Officers

Dr. P. S. Biswas	MDS (Oral & maxillofacial surgery)	Dental surgeon on supy duty
Dr. T. Bhaumik	MDS (Conservative dentistry & Endodontoics)	Dental surgeon on supy duty
Dr. S. K. Ghosh	BDS	Medical officer (Dental)
Vacant	BDS	Medical officer (Dental)

Housestaff

Dr. Sabana Khatun Dr. Biswanath Dutta Dr. Dipanwita Hazra Dr. Adeeba Adil Dr. Binayak Samanta	Dr. Arnab Banerjee Dr. Sayak Gupta Dr. Sayan Roy Dr. Amit Nandi Dr. Debajit Pal	Dr. Saptarshi Dhara Dr. Dipanjan Maity Dr. Rahul Ghosh Dr. Mohana Sarder Dr. Payel Saraf
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Transfers and postings

- Dr. P. Chakraborty, Professor transferred from IPGME&R, Kolkata & joined at College of Medicine and Sagore Dutta Hospital, Kolkata on January 2017.
- Dr. S. K. Das, Professor transferred from College of Medicine and Sagore Dutta Hospita, Kolkata and joined at IPGME&R,Kolkata on 27.01.2017.
- Dr. P. S Biswas, Dental surgeon on supy duty, joined at IPGME&R, Kolkata on 10.10.2017.
- Dr. T. Bhaumik, Dental surgeon on supy duty, joined at IPGME&R, Kolkata on 10.10.2017.

ACADEMIC ACTIVITY

- Chair-side discussions on special cases of academic interest i.e management of chronic oral mucosal lesions; Dental management of severe medically compromised patients; Pre-operative management of oral malignant condition to improve the oral hygiene prior to definitive treatment etc; are being taken regularly.
- To promote academic interest amongst the house-surgeons, they are being encouraged for clinical case presentations of special interest regularly.
- Demonstration of critical fracture cases & bone plating.

SERVICE INFORMATION

The dept has no beds but provides extensive OPD services.

OPD Location

Annexed to Emergency building 1st floor in between Dept. Of Radiology and New Casualty Block.

OPD Attendance

- Yearly total: 21500 (approx.) Old cases: 4500 (approx.) New cases: 17000 (approx.)
- Average daily attendance: 90 (approx.)
- Referrals : 1250 (approx.)

Minor oral surgical procedures performed under local anaesthesia

- Surgical removal of impacted third molars.
- Surgical removal of impacted canines.
- Removal of periapical lesions.
- Repair of dento-alveolar fractures and fractures of mandible, maxilla, orbital plates and zygomatic complex fractures under local anaesthesia and inter-maxillary fixations.
- Surgical excision of oral soft tissue growth.
- Surgical removal of intra-bony lesions.
- Incisional and excisional biopsy.
- Enucleation and marsupialisation of benign cysts and tumours of jaws.
- Intra-oral and extra-oral incisions and drainage of acute orodental infections.
- All types of tooth extractions including retained and broken roots.
- Endodontic surgeries and periodontal surgeries under LA.

Other procedures performed in the Dept.

- Anterior tooth endodontic treatment (RCT).
- Posterior tooth endodontic treatment (RCT).
- Supra-gingival and sub-gingival scaling and management of gum bleeding .
- Management of different oral mucosal lesions.
- Selective grinding / coronoplasty.
- Pre-surgical therapeutic measures in case of oral cancer, kidney transplantation, eye surgery or cardiac surgery.
- Treatment of soft tissue ulcers of benign nature.
- Pulp capping therapy.
- Splinting of traumatised mobile tooth.

Inter-disciplinary referrals are attended with proper care and attention. Indoor patients with oral and maxillofacial injury referred from Dept. of Plastic Surgery and ENT are being evaluated regularly and opinions are also reciprocated.

Departmental routine

DAY	OPD	MINOR OT	Floor (exodontia/endodontia/others)
MON	Dr. S. K. Das, Dr. A. Sengupta	Dr. P.S. Biswas	Dr. T. Bhaumik, Dr. S.K. Ghosh
TUE	Dr. S. K. Ghosh, Dr. P. S. Biswas	Dr. S. K. Das, Dr. A. Sengupta	Dr. T. Bhaumik
WED	Dr. S. K. Das, Dr. T. Bhaumik	Dr. A. Sengupta	Dr. P. S. Biswas, Dr. S.K. Ghosh
THU	Dr. S. K. Ghosh, Dr. P.S. Biswas	Dr. A. Sengupta	Dr. S. K. Das, Dr. T. Bhaumik
FRI	Dr. S. K. Das, Dr. T. Bhaumik	Dr. A. Sengupta	Dr. P. S. Biswas, Dr. S.K. Ghosh
SAT	Dr. S. K. Das, Dr. A. Sengupta	Dr. P.S. Biswas	Dr. T. Bhaumik, Dr. S.K. Ghosh

Performance of the department

Type of treatment	No. of cases performed
Routine dental extraction	3550
Root-canal treatment (RCT)	820
Oral prophylaxis (scaling)	925
Minor oral surgery of soft and hard tissue	740
Biopsy	55
Immobilisation of dento-alveolar and facio-maxillary fractures	225
Grinding / coronoplasty	275

Dermatology

FACULTY & STAFF

Faculty

Dr. Gobinda Chatterjee
Dr. Sumit Sen
Dr. Biswanath Naskar
Dr. Joydeep Singha
Dr. Tirthankar Gayen

Post/ Designation

Professor & Head
Professor
Professor
Assistant Professor
RMO cum Clinical Tutor

Medical Officers

Dr. Biswanath Banerjee
Dr. Pratima Majhi

Medical Officer
Medical Officer

Postgraduate (MD) Trainees

Dr. Nirmalya Das Dr. Debolina Mondal Dr. Sonal Bansal Dr. Abhijit Chattopadhyay Dr. Vineet Sahu	Dr. Soumya Debta Dr. Sulagna Sarkar Dr. Ashok Kr. Mondal Dr. Gourab Roy Dr. Widhi Agrawal	Dr. Shreya Poddar Dr. Jyoti Das Dr. Megha Kejriwal Dr. Parha Sarathi Nayak
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FACULTY NEWS

Prof. Gobinda Chatterjee

- Attended DERMACON 2017 (National Conference) held at Kolkata in January 2017 as chairperson and panellist.
- Advisory Scientific Committee Dermacon 2017.
- Speaker at conference on Immunology held at Medical College, Kolkata
- Speaker at CME on Dermatology held at Medical College, Kolkata
- Post-graduate examiner of WBUHS, Assam University and Ranchi University.
- Attended 3rd PGCON on 3rd and 4th December, 2016 as a speaker held in Kolkata.

Publications

- De A, Hasanor Reja AH, Aggarwal I, Sen S, Sil A, Bhattacharya B, Sharma N, Ansari A, Sarda A, Chatterjee G, Das S, De A, Hasanor Reja AH, Aggarwal I, Sen S, Sil A, Bhattacharya B, Sharma N, Ansari A, Sarda A, Chatterjee G, Das S. 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;62:635-43.
- Ghosh A, Ahar R, Chatterjee G, Sharma N, Jadhav SA, Ghosh A, Ahar R, Chatterjee G, Sharma N, Jadhav SA. Clinico-epidemiological study of congenital ichthyosis in a tertiary care center of Eastern India. Indian J Dermatol 2017;62:606-11.
- Chandra A, Senapati S, Ghosh S, Chatterjee G, Chatterjee R. Association of IL12B risk haplotype and lack of interaction with HLA-Cw6 among the psoriasis patients in India. J Hum Genet 2017 Mar;62(3):389-395.
- Das A, Chandra A, Chakraborty J, Chattopadhyay A, Senapati S, Chatterjee G, Chatterjee R. 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.
- Gayen T, Das A, Chatterjee G, Aggarwal I. Blaschko-linear syringocystadenoma papilliferum: A peculiar presentation. Indian Dermatol Online J 2017;8:497-9.
- Ghosh R, Mishra P, Sen S, Maiti PK, Chatterjee G. Experience of varied presentation of chronic progressive disseminated histoplasmosis in immunocompetent patients: A diagnostic conundrum. Indian J Dermatol 2016; 61:580.
- Chatterjee G, Jain A. Giant cutaneous horns. Indian J Med Res 2016;144:300-1.

Prof. Sumit Sen

- Organizing Vice Chairperson – DERMACON 2017 (National Conference) held at Kolkata in January 2017.
- Organized PGCON (East)—a conference for PGTs of Dermatology of Eastern India at IPGIMER held at IPGIMER in November 2016 under the aegis of IADVL (national)
- Honorary Secretary IADVLWB (running)
 - Organized several CMEs and seminars in my capacity as Honorary Secretary IADVLWB notable among them being—(a) Management of Resistant Dermatophytosis (b) Seminar on Contact dermatitis in collaboration with Institute of Allergiology and Immunology (c) Impact Psoriasis in collaboration with IADVL (national)
- Member Central Scientific Committee of IADVL (national)
- Member Advisory board of Dermazone East held at Imphal 2017
- Post Graduate examiner of WBUHS and Assam University
- MD Thesis guide
- Co-guide of Dr. Prajesh Kiran Bhuniya of Department of Pharmacology and Dr Swati Paul of Department of Biochemistry.
- Adjudicator for theses of MD students of WBUHS and Assam University
- Reviewer: Indian Journal of Dermatology

Publications

- Mitra S, Pati AK, Manna A, Ghosh A, Sen S, Chatterjee S, Chatterjee M. A study of the free radical scavenging effects of Piper betle leaf extract in patients with vitiligo. Indian J Dermatol Venereol Leprol. 2017 Jan-Feb;83(1):40-46.
- Ghosh R, Mishra P, Sen S, Maiti PK, Chatterjee G. Experience of varied presentation of chronic progressive disseminated histoplasmosis in immunocompetent patients: A diagnostic conundrum. Indian J Dermatol 2016; 61:580.
- Levels of oxidative damage and proinflammatory cytokines are enhanced in patients with active vitiligo (with department of Pharmacology) [Accepted]
- 'Use of Fine Needle Aspirate from Peripheral Nerves of Pure-neural Leprosy for Cytology and PCR to confirm the Diagnosis: A Follow up Study of Four Years' [Accepted in IJD]

Ongoing projects

- Non-thermal plasma jet for blood coagulation and skin diseases treatment
- A multicentre open label single arm study to evaluate efficacy and safety of high dose (10mg) Desloratadine in the treatment of chronic idiopathic urticaria in India

Prof. Biswanath Naskar

- Post graduate Examiner of WBUHS
- MD thesis guide.
- Attended and conducted 3rd PGCON on 3rd and 4th December, 2016 as a chairperson of scientific committee, held in Kolkata.
- Attended MID CUTICON on 2nd July, 2017 in STM, Kolkata.
- Attended DERMACON on 12th-15th January, 2017 in Kolkata.

Dr. Joydeep Singha

- MD Thesis Co-Guide.
- Attended 3rd PGCON on 3rd and 4th December, 2016 as faculty, held in Kolkata.

Publications

- Is pseudoscleroderma an occupational disease of PVC pipe-fitters? Indian journal of occupation and environmental medication.

Dr. Tirthankar Gayen

- Attended a sensitization programme on "Vector borne diseases in West Bengal" organised by Dept. Of Health & Family Welfare in STM, Kolkata.
- Attended and conducted 3rd PGCON on 3rd and 4th December, 2016, held in Kolkata.
- Attended Dermacon 2017 - National conference of dermatology in Kolkata.

Publications

- Gayen T, Das A, Chatterjee G, Aggarwal I. Blaschko-linear syringocystadenoma papilliferum: A peculiar presentation. Indian Dermatol Online J 2017;8:497-9
- Das A, Gayen T, Podder I, Shome K, Bandyopadhyay D. A weeping tumor in a young girl: An unusual presentation of nodular hidradenoma. Indian J Dermatol 2016;61:321-3.

Ongoing projects

- Non-thermal plasma jet for blood coagulation and skin diseases treatment
- A multicentre open label single arm study to evaluate efficacy and safety of high dose (10 mg) desloratadine in the treatment of chronic idiopathic urticaria in India

SERVICE INFORMATION

Dermatology OPD: Monday to Saturday

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

- OPD Attendance: 113912 NEW: 86173 OLD: 27739 approx.
- Indoor Admission: 26
- Deaths 1

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: 4158

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

Transfers and postings

Mr. Chandan Sarkar joined on 13.04.2017.

FACULTY NEWS

Prof. Subhankar Chowdhury

Chairperson

- 'Evaluation of short stature' at Growth Update organised by Endocrine Society of Bengal at Calcutta on 24/01/17
- Outreach CME at Kalyani Medical College organised by Diabetic Association of India, West Bengal on 11/02/17
- Sessions on a) 'Initial medical management of Graves' Disease' at Annual Conference of Indian Thyroid Society at Delhi on 24/02/17
- 'Thyroid and pregnancy: can we come to an Indian consensus?' at Annual Conference of Indian Thyroid Society at Delhi on 26/02/17
- Session on 'Role of conventional Cytogenetics' at Cytogenetics Workshop organised by Vivekananda Institute of Medical Sciences at Calcutta on 01/03/17
- 'Microvascular Symposium' at Annual Conference of Integrated Diabetes and Endocrine Academy at Calcutta on 08/07/17
- 'Choice of Gliptin in type 2 diabetes' at Annual Conference of Association of Physicians of India, West Bengal Branch on 28/10/17
- 'Challenges in management of Congenital Adrenal Hyperplasia' at Endocrine Update: focus on Gonad organised by PGIMS, Chandigarh on 26/11/17

Speaker

- 'Molecular basis of Hypothyroidism' at 1st Conference of Genomics of Hormone and Metabolic Disorders at Jaipur on 05/02/17
- 'Health hazards of Obesity' at 44th Annual Conference of Indian Association of Preventive and Social Medicine (IAPSM) at Calcutta on 10/02/17
- Keynote Address 'Micronutrients in Diabetes' at Annual Conference of Society for Nutrition and Dietetics at Calcutta on 19/02/17
- 'Beta-cell preservation' at Annual Conference of Diabetes India at Delhi on 24/02/17
- 'Subclinical Hypothyroidism - a patient-centred approach' at Annual Conference of Indian Thyroid Society at Delhi on 26/02/17
- 'Interpretation of Thyroid Function Tests' at Annual Conference of AMRI Hospitals, Calcutta on 18/03/17
- 'Approach to Short Stature' at Annual Conference of Journal of Indian Medical Association at Calcutta on 15/04/17
- 'Liver fat - gene - gut interaction' at International Diabetes Experts' Conclave 2017 at Pune on 15/06/17

- Oration 'Use of Insulin in management of Type 2 Diabetes Mellitus' at Insulin Summit of North East Diabetes Society at Shillong on 05/08/17
- 'Lifestyle disorders related to ageing' at Calcutta Metropolitan Institute of Gerontology on 31/08/17
- Prof S Chatterjee Memorial Oration 'Endocrine Kaleidoscope' at Conference of Indian Association of BioMedical Scientists' at Calcutta on 09/09/17
- Debate on 'Universal thyroid screening in pregnancy' at Annual Conference of Endocrine Society of India at Kovalam on 15/10/17
- 'Inflammation and Diabetes - the connect' at Annual Conference of Research Society for Study of Diabetes in India at Bhubaneswar on 03/11/17
- 'The menace of diabetes: how can Technology help?' at Refresher Course for Biotechnology teachers of Calcutta University at Ballygunge Science College, Calcutta on 16/11/17

Prof. Satinath Mukhopadhyay

Guest lectures

- Vitamin D deficiency: at Metal and Steel Factory, Ishapore, Kolkata.
- Metabolic Bone Disease: a clinician's approach. At the Annual Conference of the Indian Society for Bone and Mineral Research, Postgraduate Institute of Medical Education & Research, Chandigarh, India
- Diabetic Foot: Indian Scenario, 27 July, 2017 at the Manchester Royal Infirmary, Manchester, UK.
- Vitamin D in Health and Disease, Asiatic Society Kolkata
- Insulin Resistance: Department of Biotechnology, St. Xavier's College, Kolkata
- Adipocyte Biology: Department of Zoology, Viswa Bharati University, Santiniketan
- Profile of Pituitary adenoma in Eastern India at the annual conference of the Integrated Diabetes and Endocrine Academy, Kolkata, India

Orations

- Dr. M N Sen memorial oration: Calcutta Medical College, Kolkata, India

Affiliations

- Invited Chair, Human Ethics Committee for the 3rd consecutive year, Indian Institute of Chemical biology
- Member, advisory committee, Translational Research Unit (TRUE) of excellence, Council for Scientific and Industrial Research, Govt. of India.

Visiting Professor

- Department of Endocrinology, Manchester Royal Infirmary, University of Manchester , UK
- Department of Biotechnology, St. Xavier's College, Calcutta

Tutor: online course in Diploma MSc. (Endocrinology), University of South Wales, Cardiff, UK

External examiner (DM Endocrinology)

- All India Institute of Medical Sciences, New Delhi
- Sher-E-Kashmiri Institute of Medical Sciences, Kashmir, India

Ongoing research projects

1. Micro RNA profiling non healing, culture negative diabetic foot ulcers, funded by Department of Biotechnology (DBT), Govt. of India.
2. Effect of black tea derived polyphenols on insulin resistance in Indian subjects with prediabetes, funded by National Tea Research Foundation (NTRF), India.
3. Effect of treatment of periodontitis on insulin resistance and glycemic control in Indian subjects with type2 diabetes, funded by Department of Science and Technology (DST), Govt. of West Bengal.
4. Micro RNA profiling of gingival crevicular fluid in Indian subjects with type2 diabetes with and without periodontitis, funded by Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Govt. of India.
5. Impact of vitamin D supplementation on adipose tissue inflammation: Molecular mechanisms and clinical implications, funded by Department of Science and Technology (DST), Govt. of West Bengal.
6. Role of free fatty acids in regulation of Fetuin A and NFkB gene expression in palmitate treated adipocyte, hepatic and muscle cell lines. Collaborative project with Department of Zoology, Viswa Bharati University, Santiniketan, West Bengal.

7. Role of Type I interferon in insulin resistance. Collaborative project with translational research unit (TRUE) of excellence, Council for Scientific and Industrial Research, Govt. of India.
8. DPP-IV concentration and activity in non obese Indian subjects with Type 2 diabetes. Collaborative project with Division of Cellular Physiology, Indian Institute of Chemical Biology, Kolkata.

Dr. Pradip Mukhopadhyay

Guest lectures

- Mini Puberty: Clinical Implication in the Joint Annual conference by Endocrine Society of Bengal and RSSDI West Bengal Chapter Held at ITC Sonar, Kolkata
- Diabetes Physiatry Interface at the national conference of Indian Association of Physical Medicine and Rehabilitation 2017 held on January 20 th -22 nd at Science City, Kolkata

Chairpersons

- Approach to a person with indeterminate thyroid nodule: Speaker Dr. Krishna Seshadri. National annual conference of Indian Thyroid Society (ITSCON 2017) 24th to 26th February 2017

Conferences attended

- Endocrine Society of India: 47 th Annual National Conference of (ESICON -2017). 13 rd -15 th October, 2017. Held at Thiruvananthapuram, Kerala.

Publications

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

Dr. Sujoy Ghosh

Achievements:

- Fellowship of Research Society for the Study of Diabetes in India

Appointments:

- Executive Editor : Indian Journal of Endocrinology & Metabolism
- Executive Editor: Thyroid Research & Practice
- Associate Editor: International Journal of Diabetes in Developing Countries

Publications:

Books

- Editor in Chief: RSSDI Year Book of Diabetes 2017

Book Chapters:

- The Protocol Book, Jaypee Brothers: Chapter on Endocrine Emergencies
- Sadikots Textbook of Diabetes: Jaypee Brothers: Chapters on:
 - GLP-1RA as an add on to basal insulin
 - SGLT2 inhibitors in clinical practice
 - Other infections in diabetes
- RSSDI Textbook of Diabetes: Jaypee Brothers: Chapter on Skin problems in Diabetes
- CDIC TextBook of Paediatric Diabetes: Jaypee Brothers: Chapters on:
 - Epidemiology of Diabetes in young
 - Pancreatic Transplantation & Islet cell transplantation
- Diabetes Mellitus: Issues for the Indian Woman: Jaypee Brothers: Chapter on: Antidiabetic drugs in Type 2 Diabetes Mellitus in women

Guidelines

- ICMR National guidelines on Type 1 Diabetes: Chapters on:
 - Monitoring of blood glucose

- Acute complications in Diabetes

Articles

- Evidence-based recommendations for insulin intensification strategies after basal insulin in type 2 diabetes. *Diabetes Metab Syndr.* 2017 Nov;11 Suppl 1:S507-S521
- Indian College of Physicians Position Statement on Anemia in Metabolic Syndrome. *J Assoc Physicians India.* 2017 Jun;65(6):60-73
- Diabetes and Anemia: International Diabetes Federation (IDF) - Southeast Asian Region (SEAR) position statement. *Diabetes Metab Syndr.* 2017 Dec;11 Suppl 2:S685-S695
- Indian College of Physicians (ICP) Position Statement on Pharmacovigilance. *J Assoc Physicians India.* 2017 Mar;65(3):63-66.
- Safe and pragmatic use of sodium–glucose co-transporter 2 inhibitors in type 2 diabetes mellitus: South Asian Federation of Endocrine Societies consensus statement. *Indian J Endocrinol Metab.* 2017 Jan-Feb;21(1):210-230.
- Other Articles:
- Kalra S, et al. Medication Counseling for Thyroxine. *Indian J Endocrinol Metab.* 2017 Jul-Aug;21(4):630-631
- Kalra S, et al. Patient-centered Management of Hypothyroidism. *Indian J Endocrinol Metab.* 2017 May-Jun;21(3):475-477
- Impact of Self-monitoring of Blood Glucose Log Reliability on Long-term Glycemic Outcomes in Children with Type 1 Diabetes. *Indian J Endocrinol Metab.* 2017 May-Jun;21(3):382-386
- Indian Injection Technique Study: Population Characteristics and Injection Practices. *Diabetes Ther.* 2017 Jun;8(3):637-657
- Indian Injection Technique Study: Injecting Complications, Education, and the Health Care Professional. *Diabetes Ther.* 2017 Jun;8(3):659-672
- A review of clinical efficacy and safety of canagliflozin 300 mg in the management of patients with type 2 diabetes mellitus. *Indian J Endocrinol Metab.* 2017 Jan-Feb;21(1):196-209.

Ongoing projects

1. Periodontal disease and diabetes: Funded by WB_DST, in collaboration with IICB Jadavpur
2. Auto-antibodies in Type 1 Diabetes: Funded by RSSDI national Body
3. Incretins in FCPD: Funded by RSSDI National body
4. Medicinal implication of root Salep of *Gymnadenia orchidis* Lindl on type 2 diabetes. In-collaboration of Jadavpur University:
5. SGLT2 Expression in human renal proximal tubular cells for predicting efficacy of SGLT2 inhibitors: in collaboration with IICDB Jadavpur.
6. Levothyroxine absorption test: Funded by Endocrine society of Bengal
7. Study to evaluate the sociodemographic, psychosocial and karyotypic, clinico-hormonal profile of transgenders- a cross sectional study: Funded by Endocrine society of Bengal
8. Bariatric surgery and incretin hormone project : funded by WB-DBT, in collaboration with IICB Jadavpur & ILS Kolkata

Dr. Dibakar Biswas

Conferences attended

- CME of Indian Medical Association, Malda, West Bengal
- CME of Indian Medical Association, Kolkata, West Bengal
- Best of ADA Kolkata 2017

Ongoing projects

1. Role of Thyroid Stimulating Hormone (TSH) on inflammatory markers of Atherosclerotic Cardiovascular Disease (ASCVD): Lessons from Subclinical or Overt Hypothyroidism and in-vitro studies: Funded by West Bengal DST.

Dr. Rana Bhattacharjee

Guest lectures

- Subclinical Hypothyroidism: East zonal conference of Association of Physicians of India – Agartala 8th January 2017
- Newer Insulins – Are they worth it? : Annual Conference of royal college of physicians of Ireland – Kolkata 5th March 2017
- How to (or not to) use SGLT 2 Inhibitors – The renal aspect: South Bengal diabetes update by Bengal diabetes foundation – Durgapur 2nd April 2017
- Practical approach to hyperprolactinemia: JIMACON – Kolkata 15th April, 2017
- Difficult to manage prolactinomas: Joint RSSDIWB/ESB conference – Kolkata 13th May, 2017

- Hyperthyroidism in pregnancy: APNB – Siliguri 21st May 2017
- Type 2 Diabetes in young : Clinical aspects – Diabetic Association of India, WB; Kolkata 30th July 2017
- Diabetic foot management – Hypertension society of India National Conference – Kolkata 20th August 2017
- Routine Vitamin D supplementation in Indian perspective–National Nutrition Week- Diabetic Association of India, WB; Kolkata 7th September 2017
- Workshop on Diabetic foot – IACMCON National conference; Kolkata 13th October 2017
- SGLT2 inhibitors and Kidneys - IACMCON National conference; Kolkata 14th October 2017
- Approach to Subclinical Hypothyroidism - IACMCON National conference; Kolkata 15th October 2017
- Prediabetes- an epidemic in waiting – API State conference; Kolkata 29th October 2017
- Oral anti-diabetic drugs and chronic kidney disease – API Peripheral CME; Hooghly 12th November 2017
- Hyperprolactinemia: How to unravel the mystery – Howrah medical club guest lecture; 7th December 2017

Publications

Book chapter: Gestational diabetes mellitus. In Year book of diabetes 2017. By RSSDI

Ongoing project

Anthropometric assessment and pubertal development of boys of West Bengal

Dr. Arijit Singha

Attended joint state conference of RSSDI and ESB WB

DEPARTMENTAL PUBLICATIONS

1. "A study to evaluate the prevalence of hypogonadism in Indian males with Type-2 diabetes mellitus", Pankaj Kumar Agarwal, Parminder Singh, Subhankar Chowdhury, S. K. Sharma, Anirban Majumdar, Parag Shah, Rakesh Sahay, S. Vageesh Ayyar, Hemant Phatale, Chandar M. Batra, Raeesuddin Syed, Pradeep Shetty. Indian J Endocr Metab 2017;21:64-70.
2. "Effects of Thyroid status on glycated haemoglobin", Rana Bhattacharjee, Anubhav Thukral, Partha Pratim Chakraborty, Ajitesh Roy, Soumik Goswami, Sujoy Ghosh, Pradip Mukhopadhyay, Satinath Mukhopadhyay, Subhankar Chowdhury. Indian Journal of Endocrinology and Metabolism/Jan-Feb 2017/Vol 21/ Issue1, 26-30
3. " Incretin Learning and Excellence Academy for Diabetes (iLEAD) ", Sarita Bajaj, Subhankar Chowdhury, Ashok Kumar Das, Sanjay Kalra, Rakesh Kumar Sahay. Indian Journal of Endocrinology and Metabolism/Nov-Dec 2016/Vol 20/ Issue 6.
4. " Knee X-Ray in Short Stature: Helpful Indicator to Diagnose SHOX Deficiency", Partha Pratim Chakraborty, Rana Bhattacharjee, Subhankar Chowdhury. Journal of Clinical and Diagnostic Research, 2017, Jan, Vol-11(1), SLO3.
5. " Deterioration of Ovarian Function after total Abdominal Hysterectomy with Preservation of ovaries" Arijit Singha, Sudipta Saha, Rana Bhattacharjee, Samim Mondal, Subhadip Choudhuri, Dibakar Biswas, Souvik Kumar Das, Sujoy Ghosh, Satinath Mukhopadhyay, Subhankar Chowdhury. Endocrine Practice, Dec 2016, Vol.22, No.12, pp.1387-1392.
6. " Insulin injection site abscess caused by Mycobacterium fortuitum" Arijit Singha, Beatrice M Anne, Ranajit Bari, Sujoy Ghosh, Roumi Ghosh, Subhankar Chowdhury. Practical Diabetes, April 2017, Vol 34 No.3, Pages 92-94.
7. "Impact of self-monitoring of blood glucose log reliability on long-term glycemic outcomes in children with type 1 diabetes" Chitra Selvan, Anubhav Thukral, Deep Dutta, Sujoy Ghosh, Subhankar Chowdhury. Indian Journal of Endocrinology and Metabolism, May 2017, Vol 21, Issue 3, Pages 382-386.
8. "Erroneously elevated glucose values due to maltose interference in mutant glucose dehydrogenase pyrroloquinolinequinone (mutant GDH-PQQ) based glucometer" Partha Pratim Chakraborty, Shinjan Patra, Rana Bhattacharjee, Subhankar Chowdhury. BMJ Case Rep 2017.doi:10.1136/bcr-2017-219928.April 2017
9. "Pseudoacromegaly: an unusual presenting manifestation of long-standing undiagnosed primary hypothyroidism." Partha Pratim Chakraborty, Rana Bhattacharjee, Ajitesh Roy, Subhankar Chowdhury. Postgraduate Med J 2017/05/11 -134963
10. " Insulin- induced thirst: are we overlooking it?" Partha Pratim Chakraborty, Sugata Narayan Biswas, Subhankar Chowdhury. Published online : 07 July 2017, Int J Diabetes Dev Ctries, DOI 10.1007/s 13410-017-0569-y

11. "Insulin Aspart- Induced Lipoatrophy treated successfully with Glucocorticoid injection" Arijit Singha, Ranajit Bari, Rana Bhattacharjee, Sudipta Saha, Dibakar Biswas, Sujoy Ghosh, Hridish N. Chakravarti, Subhankar Chowdhury. *AACE Clinical Case Reports* Vol 3 No.3 Summer 2017 .
12. "Profile of chronic kidney disease related-mineral bone disorders in newly diagnosed advanced predialysis diabetic kidney disease patients: A hospital based cross-sectional study." S.Ray, A.M.Beatrice, A.Ghosh, S.Pramanik, R.Bhattacharjee, S.Ghosh, A.Raychaudhury, S.Mukhopadhyay, S.Chowdhury. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 2017. <http://dx.doi.org/10.1016/j.dsx.2017.07.019>
13. "Nonobese, Nonketotic Childhood Onset Diabetes: Look for Lipodystrophies" Partha P.Chakraborty, Sayantan Ray, Subhodip Pramanik, Rana Bhattacharjee, Sujoy Ghosh and Subhankar Chowdhury. *Clinical Diabetes Journals org, Clinical Diabetes Online Ahead of Print*, published online August 30,2017.
14. "Current indicators of nutritional care in children with type 1 diabetes in India: Do we need a national nutritional guideline? Sanjay Kalra, Ashok Kumar Das, P Raghupathy, Subhankar Chowdhury, Banshi D Saboo, P Dinakaran, Shuchy Chugh. *Indian Journal of Endocrinology and Metabolism*, Year 2017, Vol:21, Issue:5, Page 670-678.
15. "Forum for Injection Technique and Therapy Expert Recommendations, India: The Indian Recommendations for Best Practice in Insulin Injection Technique , 2017" Nikhil Tandon, Sanjay Kalra, Yatan Pal Singh Balhara, Manash P Baruah, Manoj Chadha, Hemraj B Chandalia, K.M.Prasanna Kumar, S.V.Madhu, Ambrish Mithal, Rakesh Sahay, Rishi Shukla, Annamalai Sundaram, Ambika G Unnikrishnan, Banshi Saboo, Vandita Gupta, Subhankar Chowdhury, Jothydev Kesavadev, Subhash K Wangnoo. *Indian Journal of Endocrinology and Metabolism*, Vol:21, Issue:4, July-August2017, P600- 617.
16. "Women and Diabetes – our right to a healthy future " Subhankar Chowdhury, Editorial Page No. 30-31, *Journal of the Indian Medical Association*, Vol 115, No.11, November 2017.
17. "Metabolic Syndrome in Rural India : NCEP ATP-III diagnoses more than IDF Criteria" Pradip Mukhopadhyay, Sujoy Ghosh, Bikash Majhi, Rana Bhattacharya, Dibakar Biswas, Partha Pratim Chakraborty, Ajitesh Roy, Kaushik Pandit, Partha Sarathi Mukherjee, Subhankar Chowdhury. Page No. 36-39, *Journal of the Indian Medical Association*, Vol 115, No.11, November 2017.
18. "Psychological status in newly diagnosed type 2 diabetes Mellitus : a hospital based case control study". Sujishnu Mukhopadhyay, Subhankar Chowdhury. Page No. 45-48, *Journal of the Indian Medical Association*, Vol 115, No.11, November 2017.
19. Dandona L, Dandona R Mukhopadhyay S et al. India State-level Disease Burden Initiative Collaborators. Nations within a nation: variations in epidemiological transition across the states of India, 1990-2016 in the Global Burden of Disease Study. *Lancet*. 2017 Nov 13. pii: S0140-6736.
20. Nargis T, Kumar K, Ghosh AR, Sharma A, Rudra D, Sen D, Chakrabarti S, Mukhopadhyay S, Ganguly D, Chakrabarti P. KLK5 induces shedding of DPP4 from circulatory Th17 cells in type 2 diabetes. *Molecular Metabolism*. 2017 Nov;6(11):1529-1539.
21. Chattopadhyay M, Mukherjee S, Chatterjee SK, Chattopadhyay D, Das S, Majumdar SS, Mukhopadhyay S, Mukherjee S, Bhattacharya S. Impairment of energy sensors, SIRT1 and AMPK, in lipid induced inflamed adipocyte is regulated by Fetuin A. *Cellular Signaling*. 2017 Oct 10;42:67-76.
22. Mukhuty A, Fouzder C, Mukherjee S, Mallick C, Mukhopadhyay S, Bhattacharya S, Kundu R. Palmitate induced Fetuin-A secretion from pancreatic β -cells adversely affects its function and elicits inflammation. *Biochemical Biophysical Research Communication*. 2017 Sep 30; 491(4):1118-1124.
23. Halder J, Mukherjee P, Mukhopadhyay S, Maiti PK. Isolation of bacteria from diabetic foot ulcers with special reference to anaerobe isolation by simple two-step combustion technique in candle jar. *Indian J Med Res*. 2017 Jan; 145(1):97-101.
24. Bhadada SK, Arya AK, Mukhopadhyay S, Khadgawat R, Sukumar S, Lodha S, Singh DN, Sathya A, Singh P, Bhansali A. Primary hyperparathyroidism: insights from the Indian PHPT registry. *Journal of Bone Miner Metabolism*. 2017 Mar 31. doi: 10.1007/s00774-017-0833-8. [Epub ahead of print]
25. Bhattacharjee R, Thukral A, Chakraborty PP, Roy A, Goswami S, Ghosh S, Mukhopadhyay P, Mukhopadhyay S, Chowdhury S. Effects of thyroid status on glycated hemoglobin. *Indian J Endocrinol Metab*. 2017 Jan-Feb;21(1):26-30.
26. Mukhopadhyay S, Dutta D. Is It Justified to Have a Lower BMI Cutoff for Metabolic Surgery for Asians with Type 2 Diabetes? *Obesity Surgery*. 2017 Apr;27(4):1065-1066.
27. Mukherjee S, Chattopadhyay M, Bhattacharya S, Dasgupta S, Hussain S, Bharadwaj SK, Talukdar D, Usmani A, Pradhan BS, Majumdar SS, Chattopadhyay P, Mukhopadhyay S, Maity TK, Chaudhuri MK, Bhattacharya S. A Small Insulinomimetic Molecule Also Improves Insulin Sensitivity in Diabetic Mice. *PLoS One*. 2017 Jan 10;12(1):e0169809. doi: 10.1371/journal.pone.0169809.

STUDENT INFORMATION

Dr. Shoeb Kaiser, Dr. Sweta Mondal, Dr. Vinod U, Dr. Anshu Hendral, Dr. Anshuman Kumar and Dr. Mainak Banerjee Joined the DM course in 2017.

Dr. Subhodeep Pramanik joined as Senior Resident.

Departmental academic activity

- Seminar: Monday (morning)
- Case presentation: Monday (afternoon) and Tuesday (morning)
- Journal club: Friday (morning)
- Ward round daily

SERVICE INFORMATION

Patient attendance

Out Patients: Diabetic OPD
(Wednesday, Thursday & Saturday)

New Patients: 31964
Old Patients: 63928
TOTAL: 95892

Endocrine OPD
(Monday, Tuesday & Friday)

New Patients: 9382
Old Patients: 18774
TOTAL: 28156

In Patients: Diabetological problems
Other endocrinological problems

Laboratory information

Following hormone assays are carried out

Test	Test	Test
T3	Prolactin	PSA
T4	Testosterone	ACTH
FT3	Cortisol	IGF-1
FT4	Insulin	C-peptide
TSH	GH	IGF BP3
Thyroglobulin	Anti TPO Ab	TG
LH	Anti TG Ab	iPTH
FSH	Androstenedione	Estradiol
SHBG	DHEASO4	

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 | 2506 |
| • No. of age estimation Cases done in 2017 | 79 |
| • No. of sexual assault cases examined in 2017 | 104 (Male 50, Female 54) |
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Institute of Cardiovascular Sciences Cardiac Anaesthesiology

This department of Cardiac Anaesthesiology 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 Anaesthesiology) 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 Anaesthesiology.

The Department started with the following staff:

- Professor and Head: Dr. Anupam Goswami
- Associate Professor: Dr. Chaitali Sen
- 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

Dr. Anupam Goswami, MD, DipCard	Professor & Head
Dr. Chaitali Sen (Dasgupta), MD (AIIMS). DNB. DM (AIIMS), MNAMS	Professor
Dr. Kakali Ghosh MD, DM (WBUHS), FIACCTA	Assistant Professor
Dr. Sandeep Kumar Kar, MD	Assistant Professor
Dr. Asit Munsri, DA	Medical Officer

Posts vacant

- Associate Professor: Two
- RMO cum Clinical Tutor: Three

DM in Cardiac Anaesthesia

The Postgraduate Medical Education Committee considered the Assessment Report (June, 2014) and decided to recommend that DM (Cardiac Anaesthesiology) 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 8 candidates have passed DM in Cardiac Anaesthesiology in MCI recognized seats.

In August 2014

- Dr. Kakali Ghosh (now working as Assistant Professor in this Department)
- Dr. Monalisa Datta

In August 2015

- Dr. Jyoti Ranjan Parida
- Dr. Somnath Dey (now working in WBHS)

In August 2016

- Dr. Anusuya Banerjee
- Dr. Deepanwita Das

In August 2017

- Dr. Tanmoy Ganguly (now working as Senior resident in Post-doctoral bond period)
- Dr. Soumi Das (working as Assistant Professor at R G Kar MCH)

Current post-doctoral trainees (DM Cardiac Anaesthesiology)

- Dr. Harneet Singh Khurana MD, 3rd year DM Trainee
- Dr. Sushmit Kamat, DA, DNB, 3rd year DM Trainee
- Dr. Neeta Basak, MD, 2nd year DM Post Doctoral Trainee
- Dr. Nagarjuna P., MD, 1st year DM Post Doctoral Trainee
- Dr. Gayatri Balawantray, DND, 1st year DM Post Doctoral Trainee

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. Teaching in regular classes, examinations for assessment and hands-on training for DM (Cardiac Anaesthesiology) and MD (Anaesthesiology) students.
2. CME programs organized by INDIAN SOCIETY OF ANAESTHESIOLOGISTS, and INDIAN ASSOCIATION OF CARDIOVASCULAR THORACIC ANAESTHESIOLOGISTS, both in National and State level.
3. Various conferences at State, Zonal, National, and International level.
4. Paper presentations at various conferences as presentor or as Judge.
5. Delivery of lectures, orations and panel discussions in conferences at the State, Zonal, and National and International level.
6. Delivery of lectures at post graduate assembly attended by PG students from various medical colleges.
7. Post Graduate Trainees in Anaesthesiology are sent to this Dept. Not only from Department of Anaesthesiology, IPGMER but also from other institutions like VIMS, Sambhunath Pandit Hospital, Burdwan Medical College, Bankura Medical College, North Bengal Medical College, Kisangaung Medical College, ESI Hospital, Sealdah, KPC Medical College, Command Hospital and Tripura Medical College for hands-on training in Cardiac Anaesthesiology.
8. CTVAC for EPGs (Cardiothoracic and Vascular Anaesthesiology Classes for Post Graduate Students) for MD Anaesthesiology students are being held for last five years by this Department.
9. The teachers also teach the PERFUSIONIST students according to their schedule.

The post doctoral students participate in:

1. Regular classes, examinations for assessment and hands-on training for DM (Cardiac Anaesthesiology) and MD (Anaesthesiology) 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 Anaesthesiology 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.

FACULTY NEWS

Dr. Anupam Goswami

- Professor and Head
- Guide or Co- guide of 6 (six) DM (Cardiac Anesthesiology) students and 4 (four) MD (Anaesthesiology) students.
- Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesiology students.
- Faculty in ISACON Annual conference held in Kolkata December 2017
- Ex President of Association of Cardio Thoracic Anaesthesiologists, West Bengal
- Examiner for DM Cardiac Anaesthesiology under West Bengal University of Health Sciences in 2017

Dr. Chaitali Sen (Dasgupta)

- Professor
- Guide or Co- guide of 6 (six) DM (Cardiac Anesthesiology) students and 4 (four) MD (Anaesthesiology) students.
- Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesiology students.
- Faculty in ISACON Annual conference held in Kolkata December 2017
- Scientific secretary ISACON 2017 AND ISAWBCON 2017
- Examiner for DM Cardiac Anaesthesiology under West Bengal University of Health Sciences in 2017

Dr. Kakali Ghosh

- Co-Guide of three Postgraduate Trainees in MD Anesthesiology / Postdoctoral trainees in DM Cardiac Anesthesiology
- Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesiology students

Dr. Sandeep Kumar Kar

- Co Guide of three Postgraduate Trainees in MD Anaesthesia
- Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesiology students.
- Editorial Board Member of Journal of Cardiovascular Diseases & Diagnosis.
- Editorial Board Member Applied Pharmacy
- Editorial Board Member of The Journal of Middle East and North Africa Sciences.
- Editorial Board Member of HSOA Journal of Cardiology & Neurocardiovascular Diseases.
- Editor in Chief International Journal of Healthcare and Medical Sciences.
- Editorial Board Member of Drug Designing.
- Editorial Board Member Bioequivalence & Bioavailability.
- Editorial board member Bioanalysis and Biomedicine
- Editorial Board Member of Clinical and Experimental Cardiology.
- Editorial Board Member of Journal of Biomedical Sciences.
- Editorial Board Member of Andrology & Nephrology.
- Editorial Board Member of Heart Mind (official journal of Asia Pacific Institute of Psycho-Cardiology Research)

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

1. Hereditary hemorrhagic telangiectasia and the anaesthesiologist. Sandeep Kumar Kar, Tanmoy Ganguly Apicare AUG 2017.
2. Current concepts of diagnosis & treatment of pericardial cysts. Sandeep Kumar Kar , Tanmoy Ganguly Indian Heart Journal June Vol 69 issue 3 2017.
3. Barman TK, Ghosh K, Sen C, et al. A comparative study of haemodynamic response following laryngoscopy and endotracheal intubation in patients having coronary artery disease: direct versus video laryngoscope.Jemds.com original research article. J. Evolution Med. Dent. Sci. Vol 6 Issue 16 Feb 2017.
4. Prashant Kumar, Achyut Sarkar, Sandeep Kumar Kar: vanishing left ventricular thrombus in a young primiparous woman. A Case Study. British Journal of Pharmaceutical and Medical Research Vol.01, Issue03, Pg.285-288, November-December2016.
5. Sandeep Kumar Kar: Refractory Angina: The Magnitude of the Problem, Ayurvedic Approach and Emerging Novel Therapies: A Holistic Approach. Journal of Clinical and Experimental Cardiology 12/2016; Volume 7(issueDOI:10.4172/2155-9880.1000e146
6. Sandeep Kumar Kar, Tanmoy Ganguly, Swarnali Dasgupta: Variability of Presentation and Surgical Approach in Patients with Congenital Cystic Adenomatoid Malformation: Report of Two Cases. Journal of Bioanalysis and Biomedicine 12/2016; volume 8(issue 3). DOI:10.4172/1948-593X.1000150
7. Sandeep Kumar Kar, Dipanwita Das, Chaitali Sen Dasgupta: Post Balloon Stent Right Coronary Artery Aneurysm: Cardiologist's Nightmare.
8. Sandeep Kumar Kar: Post-operative Delirium after Cardiac Surgery: Can it be Prevented? Editorial. Journal of Epilepsy 11/2016; 2(2). DOI:10.4172/elj.1000e007
9. Sandeep Kumar Kar: Atrial Fibrillation: Paradigm Shift in Concept Leading to Change in Treatment Strategies in the Developing World.
10. Ezetimibe: Is it the answer to statin intolerance?: Editorial World journal of Pharmacological sciences Aug 2017.

SERVICE INFORMATION

Number of procedures done by this department in different operating rooms

CABG	Valve	Congenital	Vascular	Emergency	Closed Card / Noncard	AVF & Thoracic	SISHU SATHI	TOTAL
227	256	174	204	325	65	780	140	2171

Pediatric Cathlab: Administered Anesthesia and guided cardiologists in TEE in device closures and cath studies (three days a week – Mon, Wed, Fri)

Total cases done: 155 (Dec 2016 to Nov 2017)

Apart from routine Anaesthesia works in CTVS OT, the Department

- Runs PAC Clinic 3 days in a week: Monday & Wednesday: 2 PM to 4 PM , Friday: 12 Noon to 4 PM
- Administers Anaesthesia to Sishu Sathi Patients for Cath Lab procedures regularly
- Administers Anaesthesia to adult patients for Cath Lab procedures as & when required.
- Takes care of patients in CTVS Recovery.

Institute of Cardiovascular Sciences

Cardiology

FACULTY

Dr. Sankar Chandra Mandal	MD, DM, FACC (USA), FCSA, FESC	Professor & Head
Dr. Dhurjati Prasad Sinha	MD, DM	Professor
Dr. Achyut Sarkar	MD, DM	Associate Professor
Dr. S. S. Islam	MD, DM	Associate Professor
Dr. Saroj Mandal	MD, DM, FACC (USA), FSCAI (USA) FESC, FAPSIC, FICP & MAPHS	Assistant Professor
Dr. Bhuban Majhi	MD, DM	Assistant Professor
Dr. Asit Das	MD, DNB	Assistant Professor
Dr. Koushik Bandyopadhyay	MD, DM	RMO cum Clinical Tutor
Dr. Kaushik Paul	MD, DM	RMO cum Clinical Tutor
Dr. Niloy Banerjee	MD	RMO cum Clinical Tutor
Dr. Amit Kumar Jha	MD, DM	Senior Resident (Bond period)
Dr. Somnath Mukherjee	MD, DM	Senior Resident (Bond period)

Post-doctoral trainees

2015 – 2018	2016 – 2019	2017 – 2020
Dr. Pulakesh Sinha	Dr. Pradip Bhowmik	Dr. Seababrata Jana
Dr. Soumya Kanti Dutta	Dr. Anirban Das	Dr. Anand Abhinav Bhairawnath
Dr. Ashesh Halder	Dr. Sudip Kumar Ghosh	Dr. Priyaranjan Kumar
Dr. Suman Chatterjee	Dr. Sudeb Mukherjee	Dr. Pathuri Avinash
Dr. Soumik Ghosh	Dr. Anindya Sarkar	Dr. Ishita Majumdar
Dr. Apurba Bikash Pramanick	Dr. Rakesh Agarwal	Dr. Sushant Kumar Pathak
Dr. Samir Kumar Roy	Dr. Aniruddha Mandal	Dr. Aditya Bhushan Mapari
Dr. Avijit Moullick	Dr. Sandipta Ray	Dr. Subhendu Chatterjee
Dr. Soumyajit Ghosh	Dr. Aditya Verma	Dr. Palden Wangchuk Bhutia

REGULAR ACADEMIC ACTIVITIES

- Difficult Case Presentation held on every Tuesday at 9:30 AM.
- Review of interesting PCI held on every Thursday at 9:30 AM.
- Seminar Presentation held on every Friday at 9:30 AM.
- Clinical Case Discussion held on every Saturday at 9:30 AM.
- Clinical teaching & training on non-invasive methods and invasive investigations as well as interventions
- DM students are working with their projects.
- Cath lab Technician (DCLT) and Critical Care (DCCT) students are being trained.

Departmental projects and research work

- Prevalence of patients of junctional rhythm with reference to etiological correlation.
- Study of 1 month rehospitalization in dilated cardiomyopathy with reference to echocardiographic finding.
- Inflammatory markers elevated in Eisenmenger syndrome.
- A correlation study between severity of CAD and severity of PAD.
- Study coronary artery anomalies in patients undergoing CAG.
- Evaluation of ECG features of true RV septal pacing in wide QRS.
- Assessment of cardiac function in children by strain imaging and its correlation with conventional echocardiographic parameter.
- Assessment of RV-involvement in acute inferior wall STEMI.
- A study to assess the prevalence of VIT D deficiency in patient with dysfunction its correlation with conventional echo parameter.

- Use of strain and TVI for early detection of cardiac dysfunction in patients with Hb-E/B thalassemia.
- Assessment of LV function by 2D and strain imaging before and after PBMV in patients with rheumatic MS.
- Evaluation of LV function in different type of RV pacing by mean of echo correlation including stress echo.
- Patients with ACS (total occlusion) assessment of LV function pre & post PTCA catheterization with the help of LV strain echo.

SERVICE INFORMATION

Indoor

Ward	No of Beds	Cabins
HUM-1	44 (Male)	6
HUM-2	30 (Male)	2
HUF-1	40 (Female)	6
HUF-2	15 (Female)	–
Pediatric Ward	15	–
HGF	20 (Male)	6
ICCU	30	–

In addition, there are variable number of Trolley beds and Floor beds in the wards depending on patient load.

- Total Admission – 15632 Death – 512

OPD

OPD attendance: Total – 750-800 daily. [New – 250-300 / Old – 450-500]

Special clinics

Clinic	Days
Arrhythmia Clinic	Every Monday
Paediatric OPD	Every Tuesday and Friday

Procedure/Investigations performed

- ECG 82602
- TMT 1275
- Echocardiography 21500 (Routine) 22750 (Emergency)

Cathlab and OT procedures

Temporary pacing	2250
Permanent pacing	1780
Coronary angioplasty ± stenting	1765
Peripheral angioplasty ± stenting	55
Coronary angiography	5220
Electrophysiological study with RF ablation	75
Balloon mitral valvuloplasty	160
Balloon pulmonary valvuloplasty	16

AICD	40
CRT-D	20
CRT-P	15
PDA	32
Cardiac catheterization	75
ASD closure	10
VSD closure	12
Others like renal artery stenting, IVC cavoplasty, septal ablation in HOCM etc	6

OTHER INFORMATION

- DNB (Cardiology) examination (on all India basis) has been held twice in this year
- Nine doctors have joined this year as DM trainees.
- Separate Pediatric Cath-Lab is running successfully.

PROPOSED DEVELOPMENTAL PROJECT

- Specialty clinics like heart failure clinic and pacemaker clinic likely to be started.
- Non-invasive lab (Echo, TMT) is going to be shifted, where at present medicine outdoor is going on temporarily.
- HDU to be started.

Institute of Cardiovascular Sciences Cardiothoracic and Vascular Surgery

FACULTY & RESIDENTS

Dr. Subhankar Bhattacharya	MS, MCh FIACS	Professor and Head
Dr. Goutam Sengupta	MS, MCh FIACS	Professor
Dr. Ansuman Mondal	MS, MCh FIACS	Professor
Dr. Santanu Dutta	MS, MCh FIACS, PhD	Associate Professor
Dr. Prokash Sanki	MS, MCh (on detailment)	Associate Professor
Dr. Subhendu Sekhar Mahapatra	DTCD, MS, MCh	Associate Professor
Dr. Javid Vaquar Sadique	MS, MCh	Associate Professor
Dr. Jayita Chakrabarti	MS, MCh	Assistant Professor
Dr. Silpa Basu Roy	MS, MCh	RMO cum Clinical Tutor

W.B.H.S. Medical Officers

1. Dr. Dibakar Das M.O.
2. Dr. Rita Neogi M.O.

Postdoctoral (MCh) trainees

3rd Year (2015-2018)	2nd Year (2016-2019)	1st Year (2017-2020)
Dr. Raja Lahiri	Dr. Chaina Paul	Dr. Saumya Darshan Sanyal Dr. Rohit Rathi Dr. Asher George Joseph Dr. Ajil Joseph Dr. Nilaksha Bhattacharya

Post MCh Senior Resident under bond period

Dr. Arnab Maity

FACULTY NEWS

Prof. Subhankar Bhattacharya

- Examiner: Convenor MCh (C.T.V.S.) Final Examination West Bengal University of Health Sciences.
- Member Board of Studies, West Bengal University of Health Sciences.
- Teacher: Bachelor of Physical Medicine o Teacher: Diploma Perfusion Technology
- Teacher: M.Sc. Biomedical Instrumental Student of University of University of Calcutta
- Teacher: M.Sc. Nursing
- Teacher: Diploma in Perfusion Technology (DPFT) course

Prof. Goutam Sengupta

- Examiner and Teacher, DPFT
- Examiner for M.Ch at Medical College Kolkata.
- Conducts a course on Msc biomedical instrumentation for students of University of Calcutta. Supervises one project every year for the same course.
- Collaborating with the department of neonatology and successfully conducting complex cardiothoracic procedures in selected neonates.

Prof. Anshuman Mandal

- Examiner: Convenor MCh (C.T.V.S.) Final Examination West Bengal University of Health Sciences
- Teacher: Perfusion Technology (DPFT)
- Examiner in DPFT course

Dr. Santanu Dutta

- Principal Investigator ICMR project "Hospital based epidemiology of congenital heart disease in Kolkata & molecular basis of non-syndromic Tetralogy of Fallot(TOF)" for the year 2016-2019
- Acted as Internal examiner MCh (C.T.V.S.) Final Examination West Bengal University of Health Sciences
- Act as External examiner DPFT at medical college, Kolkata 2017
- Act as co-investigator of CSIR Project* Identification of Biomarkers of Cardiovascular Diseases"

Dr. Prokash Sanki

- Dr. Prokash Sanki is detailed here & is doing open heart surgeries regularly
- In-charge of the kidney transplant programme

Dr. Subhendu Sekhar Mahapatra

- Participating in CTCME organized by IACTS in different centers in the country throughout the year.
- Doing congenital cardiothoracic surgeries in neonate, infant and pediatric patients.
- Arranging different academic sessions for MCh trainees.
- Active participation in the kidney transplant programme

Dr. Jayita Chakrabarti

- Teacher: Perfusion Technology (DPFT)
- Examiner in DPFT course

ACADEMIC ACTIVITIES

- Saturday is our teaching programme 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.

Publications

- Epiphrenic diverticulum of esophagus: a rare case report. Indian Journal of Thoracic and Cardiovascular Surgery. June 2017, vol 33, Issue 2, pp 166-168.
- 24 years of impaction of a denture in the esophagus : a case report. Indian Journal of Thoracic and Cardiovascular Surgery. Dec 2016, vol 32, Issue 4, pp 292-294.
- An oesophageal duplication cyst: A diagnostic dilemma; case report in International Journal of Science & Research (IJSR): ISSN (Online): 2319 - 7064
- Incidentally found congenital cystadenomatoid malformation in a misdiagnosed case of massive pneumothorax, in a 2 months old child: case report in International Journal of Science & Research (IJSR): ISSN (Online): 2319 – 7064.
- Giant pericardial cyst: A rare presentation: case report in International Journal of Science & Research (IJSR): ISSN (Online): 2319 – 7064

- On table detection of persistent left superior vena cava draining into superior aspect of left atrium in a case of ostium secundum atrial septal defect: a case report in International Journal of Science & Research (IJSR): ISSN (Online): 2319 – 7064.
- Prevention of acute renal failure post cardiac surgery under cardio pulmonary bypass using perioperative infusion of sodium bicarbonate: A case report in International journal of health and science and research.

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 thoroscopic surgery (VATS).

We regularly do three Sishu Sathi cases per week.

We are now doing 15 cases of open heart & CABG, 8-10 thoracic and vascular cases, 10-12 emergency cases, about 15 cases of A-V fistula and other minor cases per week

Cardiothoracic & Vascular Surgery Procedures Dec 2016- Nov 17

CAB G	Valve	Congenital	Vascular	Emergency	Closed cardiac/ non cardiac	AVF & thoracic	Sishu Sathi	Total
227	256	174	204	325	65	780	140	2171

Percentage increased 10%.

Number of patients operated below 12 years of age 180

Number of patients operated in Shishu Sathi scheme 140

We do maximum number of cardiothoracic and vascular, elective and emergency cases amongst the Government hospitals. We regularly do the A.V. fistulas, required for doing hemodialysis.

Unit distribution

Unit 1	Unit 2	Unit3
Prof.Subhankar Bhattacharya Dr. Prokash Sanki Dr. Silpa Basu Roy	Prof. Goutam Sengupta Dr. Subhendu Sekhar Mahapatra Dr. Jayita Chakrabarti	Prof. Ansuman Mondal Dr. Santanu Dutta

Admission day O.P.D. (Monday to Saturday)

Monday	Prof. Goutam Sengupta
Tuesday	Dr. Santanu Dutta
Wednesday	Dr. Prakash Sanki
Thursday	Dr. Ansuman Mondal
Friday	Prof. Subhankar Bhattacharya

Saturday	Dr. Subhendu Mahapatra – 1st, 3rd and 5th Dr. Jayita Chakrabarti – 2nd & 4th
Sunday	1st - Prof. S. Bhattacharya 2nd - Prof. G. Sengupta 3rd - Dr. S. Dutta 4th - Dr. A. Mondal 5th -Dr. P. Sanki

OTHER INFORMATION

This department is working hard to give better service to the society.

- We have increased the cases by 10% from the previous year.
- We are utilizing the 5th OT (OT with C- Arm) for pacemaker implantation, Venogram, Peripheral Angiogram, seeing the foreign body (such as bullet, pellets etc)
- We are successfully doing **beating heart CABG 30-40** cases in a month.
- We are having nearly 100% success rate in **Tetralogy of Fallot** case.
- It is our great honor that this department is the only CTVS department amongst all the government hospitals in West Bengal, which has been selected for **Sishu Sathi scheme**. • We have started the 4th OT stamped for Sishu Sathi scheme.
- In stepdown recovery we have made cubicals with curtains and this will give privacy to the patients.
- We are proud of mechanized cleaning with which we are maintaining cleanliness in the department.
- We have submitted plans for extending our building in which we are planning to build up a neonatal and pediatric unit with recovery and it will be started shortly.

REQUIREMENTS & FUTURE PLANS

For smooth functioning of the OT, Recovery (existing and new) and wards we require adequate number of Nursing staffs (one per each recovery bed, one per 4 beds in the ward per shift and five per OT), Gr D staff - one GDA and one sweeper per 4 beds under contract and ERS scheme.

Hybrid procedures are being done in cardiac and vascular cases, specially coronary, aortic and peripheral vascular surgery cases. These procedures are very much useful for successful outcomes in many patients.

Establishment of one **Hybrid operation theatre** in our department is to be considered urgently.

We don't have a centralized sterilization unit, which is very much essential in our department where every operated patients require critical care for longer period. So, setting up of a **CSSD unit** in the ground floor may be considered urgently.

Cardio-vascular surgery patients are very much prone to develop acute renal failure in post-operative period, specially on pump cases. These cases sometime require hemodialysis. **We want a water plant in the roof and necessary gadgets for the hemodialysis** in our department. Currently every critical care unit is having this facility.

Cardiac transplant is coming up in a big way all over the country. The West Bengal government also shown interest. For this in near future we will have to think about a team of surgeons who will be ready 24/7 for retrieval and harvest of donor organs. Hence, it is imperative that the vacant faculty positions for the Associate professor (1), the Assistant professor (2) and the RMO cum clinical tutor (3) be filled up at the earliest for the smooth functioning of this department and ensuring the continuity of the course. In addition to this we are requesting new post creations for a dedicated pediatric cardiac surgery team and a dedicated donor and retrieval team for cardiac transplant.

General Medicine

FACULTY

Dr. Soumitra Ghosh	MD, DTCD, FICP	Professor & Head
Dr. Alakendu Ghosh	DNB, FIACM (India)	Professor
Dr. Mridul Kanti Das	MD	Professor
Dr. Pradip Kumar Datta	MD	Professor
Dr. Asutosh Ghosh	MD, DM (Pulm & C.C. Med), DTM&H, Dip Card	Professor and In-Charge CCU
Dr. Jotideb Mukhopadhyay	MD	Professor
Dr. Niladri Sarkar	MD	Professor
Dr. Shantasil Pain	MD	Professor
Dr. Avas Chandra Ray	DTCD, MD	Associate Professor
Dr. Ananta Kumar Dutta	MD	Associate Professor
Dr. Srabani Ghosh	MD	Associate Professor
Dr. Manjari Saha	MD	Associate Professor
Dr. Souvik Kanjilal	MD, DM (Cardiology)	Assistant Professor
Dr. Anupam Mondal	MD	Assistant Professor
Dr. Subrata Halder	MD	Assistant Professor
Dr. Sanchita Saha	MD	Assistant Professor
Dr. Gouranga Sarkar	MD, DM (Cardiology)	Assistant Professor
Dr. Sudipta Saha	MD	Clinical Tutor
Dr. Kausik Bhar	MD	Clinical Tutor
Dr. Mita Bar	MD	Clinical Tutor
Dr. Ramita Sarkar	MD	Clinical Tutor
Dr. Agnibha Maiti	MD	Clinical Tutor

Non-teaching staff

- | | |
|--------------------|-----|
| • Bimal Paramanick | UDC |
| • Kishore Lal Das | GDA |
| • Mrinalini Mondal | GDA |

Postgraduate trainees

3rd Year (2015-2018)	2nd Year (2016-2019)	1st Year (2017-2020)
Dr. Rajarshi Datta Dr. Biren Kumar Bera Dr. Sabyasachi Bhattacharya 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	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 Champamrari 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

FACULTY NEWS

Prof. Jotideb Mukhopadhyay has been nominated to the- International Advisory Board Member of Hutchinson's Clinical Methods 24th Edition.

Faculty	Conferences				Publications		MD thesis guide	Research project
	National	Inter-national	Faculty Invitation National	Faculty Invitation International	National	Inter-national		
Prof. Soumitra Ghosh	5	2	5	2	2		4	
Prof. Alakendu Ghosh							4	
Prof. Mridul Kanti Das						1	4	
Prof. Pradip Kumar Datta							4	
Prof. Jotideb Mukhopadhyay	5		3		2	1	4	
Prof. Asutosh Ghosh	3		1				3	
Prof. Niladri Sarkar	5		3		3		4	
Prof. Shantasil Pain	1					1	4	
Dr. Avas Chandra Roy	3				6	1	4	
Dr. Ananta Kumar Dutta							2	
Dr. Srabani Ghosh	1						2	
Dr. Manjari Saha							2	
Dr. Souvik Kanjilal	1						2	
Dr. Anupam Mandal							2	1
Dr. Subrata Halder	5						2	1
Dr. Sanchita Saha							1	
Dr. Gouranga Sarkar	2		1			1	3	
Dr. Ramita Sarkar								
Dr. Agnibha Maiti	7				2			

REGULAR ACADEMIC ACTIVITIES

Teaching and training activities are undertaken on 5 days per week as follows :

Long Case Presentation	:	Monday
Semi Long Case	:	Tuesday
Seminar	:	Wednesday
Faculty Lecture	:	Thursday
Problem oriented case discussion	:	Friday (1st & 3rd)
C.P.C.	:	Friday (2nd)
Journal Club	:	Friday (4th)
Bedside Clinic (for MD Students)	:	Every Tuesday & Thursday
Bedside Clinic (for MBBS Students)	:	Daily (as per roster)
Tutorials for MBBS Students	:	Twice weekly (as per roster)

No. of sessions held

Case Presentation (Long & short)	:	97
Seminar for PGTs	:	50
Journal Club	:	12
C.P.C.	:	12
Faculty clinical meeting & Seminars	:	27

MD Thesis submitted in 2017

Dr. Rajarshi Datta	Dr. Nirmalendu Sarkar [P & HOD – GME] Dr. Shyamal Kumar Das [P & HOD – NEU] Dr. S. B. Samanta [P & HOD – NEURAD]	Prediction of acute ischemic stroke outcome in geriatric population in relation to Alberta Stroke Program Early CT Score (ASPECTS).
Dr. Sabyasachi Bhattacharya	Dr. Nirmalendu Sarkar [P & HOD – GME] Dr. Anupam Mandal [ATP – GME] Dr. Sumit Chakraborty [ATP – GME]	A study of lipid profile in non-diabetic stroke patients admitted in a tertiary care hospital.
Dr. Biren Kumar Bera	Dr. Manjari Saha [ASP – GME] Dr. Nirmalendu Sarkar [P & HOD – GME] Dr. Parthasarathi Chakraborty [P & HOD – OBG]	A study of subclinical neuropathy in diabetic patients in a tertiary care hospital in eastern India.
Dr. Sukalpa Chaudhuri	Dr. Soumitra Ghosh [P – GME] Dr. Ranajoy Ghosh [ATP – GME] Dr. Diptendra Kumar Sarkar [P – GSE]	Study of adipocyte morphology and its association with metabolic complications of obesity.
Dr. Himadri Sonowal	Dr. Srabani Ghosh [ASP – GME] Dr. Soumitra Ghosh [P – GME] Dr. Avik Sarkar [ATP – RAD, SDLD]	Study of adipocyte size in patients with non-alcoholic fatty liver disease.
Dr. Vivek Goel	Dr. Mridul Kanti Das [P – GME]	Deficiency of 25-hydroxy vitamin D: a risk factor for ischemic stroke.
Dr. Mosaddek Hossain	Dr. Avas Chandra Ray [ASP – GME] Dr. Debasish Mandal [ASP – BIO] Dr. Saubhik Kanjilal [ATP – GME]	A study on evaluation of thyroid function test in patients with chronic liver disease.
Dr. Vaibhav Seth	Dr. Pradip Kumar Dutta [P – GME]	The prevalence of subclinical hypothyroidism among patients with type II diabetes: a cross-sectional study in a tertiary care centre.
Dr. Somnath Mandal	Dr. Niladri Sarkar [P – GME]	An observational study to determine inter-rater reliability of Four score and Glasgow coma scale in critically ill patients with altered sensorium.
Dr. Saugat Das Gupta	Dr. Alakendu Ghosh [P – GME] Dr. Sumit Chakraborty [ATP – GME]	Study of anterior pituitary function in patients of meningoencephalitis.
Dr. Subir Sen	Dr. Alakendu Ghosh [P – GME] Dr. Sumit Chakraborty [ATP – GME]	Study of anterior pituitary hormone function in the patient of cerebrovascular accident.
Dr. Jagannath De	Dr. Shantasil Pain [P – GME] Dr. Sujoy Ghosh [ASP – ENDO] Dr. Subrata Halder [ATP – GME]	Prevalence of vitamin D deficiency in newly diagnosed ART naive HIV-infected patients and effect of vitamin D supplementation on CD4 count.
Dr. Sujata Kumari	Dr. Asutosh Ghosh [P – GME] Dr. Pranab Kumar Maity [ATP – GME]	Myocardial dysfunction in patients of severe sepsis and septic shock.

MD Thesis ongoing in 2017

Dr. Deepak Kumar	Dr. Nirmalendu Sarkar [P & HOD – GME]	Association of heart failure with major geriatric syndromes in a tertiary care hospital & its implication in clinical practice.
Dr. Avishek Sarkar	Dr. Nirmalendu Sarkar [P & HOD – GME] Dr. Subhankar Chowdhury [P & HOD – ENDO]	A study on the correlation between thyroid function and cognitive impairment in geriatric patients.
Dr. Barun Das	Dr. Manjari Saha [ASP – GME] Dr. Nirmalendu Sarkar [P & HOD – GME]	Study of etiological distribution of anemia in geriatric patients in a tertiary care hospital.
Dr. Saikat Prasad Datta	Dr. Avas Chandra Roy [ASP – GME] Dr. Somenath Kundu [P & HOD – PME]	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 [P – GME] Dr. Avas Chandra Roy [ASP – GME]	Prevalence of high sensitivity C-reactive protein as a biomarker of severity of heart failure.
Dr. Brikodar Patary	Dr. Shantasil Pain [P – GME] Dr. Somenath Kundu [P & HOD – PME]	Role of cartridge based nucleic acid amplification test (CBNAAT) in diagnosis of pulmonary and extrapulmonary tuberculosis in HIV infected patients.
Dr. Debaleena Mukherjee	Dr. Alakendu Ghosh [P – GME] Dr. Sanchita Saha [ATP – GME]	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 [ASP – GME] Dr. Soumitra Ghosh [P – GME] Dr. Achyut Sarkar [ASP – CARDIO]	Study of effect of obesity on left ventricular systolic and diastolic function.
Dr. Debashish Mondal	Dr. Soumitra Ghosh [P – GME] Dr. Achyut Sarkar [ASP – CARDIO]	Study of the association between epicardial fat thickness and left ventricular dysfunction in obese patients.
Dr. Shambaditya Das	Dr. Niladri Sarkar [P – GME] Dr. Biman Kanti Ray [ASP – NEURO, BIN]	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 [ASP – GME] Dr. Satyendu Bikash Samanta [P & HOD – RAD, BIN]	Profile of vascular calcification in chronic kidney disease patients.
Dr. Subhasis Neogi	Dr. Pradip Kumar Dutta [P – GME] Dr. Sujoy Ghosh [ASP – ENDO] Dr. Niladri Sarkar [P – GME]	A study on adrenal function in newly diagnosed patients of pulmonary tuberculosis.
Dr. Sk. Nasim	Dr. Alakendu Ghosh [P – GME] Dr. Mamata Guah Mallick (Sinha) [P – PAT] Dr. Sanchita Saha [ATP – GME]	Prevalence of hematological manifestation in systemic lupus erythematosus and its relationship with disease activity in a tertiary care center.

SERVICE INFORMATION

Beds location (Ward, Building)

Ward	Location/Building	No of Beds (Male)
Mackenzie	Main Block	65 + 25
NER (Male)	Main Block	16
Cable (Female)	Main Block	60 + 19

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

OPD attendance

Yearly total: Medicine OPD – 170250 (approx.)

Average daily attendance: 560 (approx.)

Units

Day	Unit	Name of the Faculty
Monday	I	Dr. Avas Chandra Roy, Dr. Manjari Saha, Dr. Anupam Mondal
Tuesday	II	Prof. Soumitra Ghosh, Prof. Asutosh Ghosh, Dr. Srabani Ghosh, Dr. Gouranga Sarkar
Wednesday	III	Prof. Mridul Kanti Das, Dr. Souvik Kanjilal
Thursday	IV	Prof. Pradip Kukmar Datta, Dr. Niladri Sarkar & Dr. Ananta Kumar Dutta.
Friday	V	Prof. Jotideb Mukhopadhyay, Prof. Alakendu Ghosh, Dr. Sanchita Saha.
Saturday	VI	Prof. Shantasil Pain, Dr. Subrata Halder
Sunday		By rotation as per roster

Special clinics

Name of the clinic : **Obesity & lifestyle diseases clinic**
VP 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**
VP in-charge : Prof. Niladri Sarkar
Associate VP : Dr. Anupam Mandal
Date & time : Every Thursday, 2:00 pm
Venue : Medicine OPD, Special Clinic

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. Suman Sarkar	MD	Associate Professor
Dr. Manotosh Sutradhar	MD, FNB (CCM)	Assistant Professor
Dr. Ajanta Sarkar	MBBS, FCCM(WB)	Medical Officer
Dr. Nilanjan Das	MBBS, FCCM(WB)	Medical Officer
Dr. Gautam Patra	MBBS, DGO	Medical Officer
Dr. Manoranjan Naskar	MBBS, DGO	Medical Officer
Dr. Sabyasachi Chatterjee	MBBS, DO	Medical Officer
Dr. Kanailal De	MBBS	Medical Officer
Dr. Anil Biswas	MBBS	Medical Officer

Non-teaching staff

Mr. Sudip Banerjee	B.Sc., DCCT	Medical Technologist
Mr. Amritendu Chakraborty	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

Training Programs

1. Postgraduate Fellowship in Critical Care Medicine - 2 batches completed.
2. Diploma in Critical Care Technology (DCCT)
3. MD (Medicine): Training of postgraduate students from General Medicine on rotation.

MD (General Medicine) Thesis submitted in 2017

Dr. Sujata Kumari	Dr. Asutosh Ghosh [P – GME] Dr. Pranab Kumar Maity [ATP – GME]	Myocardial dysfunction in patients of severe sepsis and septic shock.
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SERVICE AREAS

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

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

Microbiology

STAFF

Faculty

Dr. Prasanta Kumar Maiti	MD, DGO, DCP	Professor & Head
Dr. Raja Ray	MD, PhD, DTM&H	Professor
Dr. Kumkum Bhattacharya	MD	Professor
Dr. Kalidas Rit	MD	Associate Professor
Dr. Hirak Jyoti Raj	MD	Assistant Professor
Dr. Nupur Pal	MD, DCH	Assistant Professor
Dr. Suranjan Pal	MD, DNB	Demonstrator
Dr. Arani Debnandi	MD	Demonstrator

Officers transferred out

Nil.

Non-teaching staff

A) **Medical Technologists:** 1 Mallika Dubey 2 Bhabataran Manna 3 Ramkrishna Shaw 4 Subrata Biswas 5 Ajit Kr Pal 6 Kumar Kanti Somchowdhury 7. Sourav Ghosh 8. Tirtha Sahoo 9. Sumona Kundu 10. Prasanta Ghosh.

Mr. Biswanath Das is working as Data Entry Operator of IDSP

B) **Group D staff:** 1 Gopal Sardar 2. Pradyut Nava Barua 3. Rama Dutta 4. Sunny Hela 5. Kapildeo Mullick 6. Moti Mallick 7)* Sarjug Das (Superannuation in Jan,2018)

C) **Viral Research & Diagnostic Laboratory (VRDL) staff:** Dr. Raja Ray (Research Scientist, Med), Dr. Susmita Chatterjee (Res. Scientist, Non-med.), Jayeeta Halder (Res. Asstt., Non-med.), Mr Santasri Dan (Lab Technician; Resigned in Oct, 2017)

D) **Project Research Fellow:** Rehana Parveen, Archi Ghosh

MD students

3rd Year (2015-18)	2nd Year (2016-19)	1st Year (2017-20)
Dr. Indraneel Saha Dr. Abirlal Sanyal Dr. Anjum Namhata Dr. Tanusri Halder	Dr. Arpit Saha Dr. Sangita Pal Dr. Nishar Akhtar	Dr. Salma Sultana Dr. Namrata Jain Dr. Mohana Chakraborty

REGULAR ACADEMIC ACTIVITY

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

DEPARTMENT NEWS

- Started functioning Electron Microscope (under the stewardship of Prof. P. K. Maiti)
- DST-FIST sponsored automated blood culture system and ID-AST system (Bac-T-Alert & VITEK 2) installed and functioning (January,2016 and April,2017 onwards). PI-Prof P. K. Maiti, CoPI-Prof Raja Ray.
- VRDL established & started functioning (July,2017) (PI-Prof. Raja Ray, Dr. Hirak Jyoti Raj)
- AMRSP (ICMR) project of Rs. 50 Lakhs in 5 yrs, is going to be implemented soon (project sanctioned, expected January,2018) (PI-Prof Raja Ray, Co-PI-Prof. P. K. Maiti, Co-PI-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 Novemeber,2017.(PI-Prof. Raja RAY, Co-PI-Dr Hirak Jyoti Raj)
- 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.
- Presentation of Jayeeta Halder selected as "Paper Of Excellence" at 24th West Bengal State Science & Technology Congress, 2017, Organized by Department of Higher Education, Science & Technology and Biotechnology, Govt. Of West Bengal.

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 UG at Mangalore, Visakapattanam, Kholapur & PG inspection at Kishanganj, Bangalore and Lucknow.
- Under his supervision one candidate completed Ph.D. thesis this year and one more are continuing research, two other candidates are preparing for Ph D Registration
- 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 & Purchase Committee & Acting in-charge of "Electron Microscopy";
- Member BOS, WBUT & attended 1st BOS meeting for Programme for proposed M.Tech course in Nano-Biotechnology held on 14.06.17.
- In Microcon 2017 at Ranchi, presented a paper and was co-author of four papers.. Panellist at MID CUTICON-2017, in Panel Discussion on "Fight against Dermatophytes" held at STM on 02.07.2017. Debater on " Is Homoeopathy Scientific?" against motion: Held at Mahajati Sadan on 06.05.2017, organised by Hapco. At CUTICON WB 2017 participated in panel discussion & delivered speech on " Superficial and deep mycoses- Microbiological trends in India".
- Co-author of two papers presented in 24th West Bengal State Science & Technology Congress, 2017, Organized by Department of Higher Education, Science & Technology and Biotechnology, Govt. Of West Bengal. Both received 'Paper of Excellence' award, West Bengal. of which one has been selected as "Paper Of Excellence".
- Expert in Microbiology for Pre-PhD seminar (Microbiology) of Dr. Susmita Bhattacharya at WBUHS.

Prof. Raja Ray

- PhD Guide of Ms Moonmoon Sinha & Ms Debatri Ghosh; also Co-Guide of Ms Jayeeta Halder
- Internal examiner and Papersetter for MD(Microbiology2017),MBB(2017),BSc.Nursing &Internal Examiner, MD(Microbiology,IPGMER,2017), Internal Examiner MBBS (IPGMERJanuary,2017), External examiner for MD Microbiology, (RIMS,Imphal, 29TH May-31ST May,2017)) , DMLT (Saroj Gupta

Cancer Centre and Welfare Home, Sept 2017), BSc. Nursing of WBUHS (External and Internal Examiner, 2017); External Examiner at NEIGHRIMS, Shillong on 15th and 16th December, 2017 (UG)

- Adjudicator of MD Thesis from WBUHS, since 2003 and continuing annually.
- Expert in Microbiology for Pre-PhD seminar (Microbiology) at WBUHS (Sept, 2016) 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-PGIMR & 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 Board constituted by MSVP, SSKM Hospital
- Received certificate of co-authorship in paper presented on 14th Nov, 2016 at 1st Regional Science and Technology Congress, 2016 held at the National Institute of Teacher's Training and research, Kolkata
- MCI Inspector for PG at Sardar Patel MC, Bikaner, Rajasthan 921/7/2017, Hind Institute of Medical Sciences, Lucknow, (21/9/2017) / 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)
- Member Secretary, Hospital Infection Control Committee & Member Drug and Therapeutics Committee; Member of Hostel Supervisory Committee of IPGIMER
- 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 IAMM 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 28th Feb -1st March and 7th -8th September, 2017 .
- Received training at National Institute of Virology, Pune for setting up VRDL lab at IPGIMER (Sept, 2016) as PI of the project

Dr. Kumkum Bhattacharya

- In-charge DST-FIST sponsored automated Bacteriology laboratory
- Examiner, MBBS, DMLT examinations, WBUHS
- Guide/ Co-guide of ongoing MD thesis

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

- Member of Hospital Infection Control Committee of IPGIMER, ART Core Committee.
- 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 thesis works.
- Co-Investigator in VRDL Project, AMRSP Project(ICMR funded), CDC-AIIMS, NewDelhi funded project, DST (WB-state) project,.
- Attended workshops for a CDC-AIIMS, NewDelhi funded project entitled "Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India" on 28th Feb -1st March and 7th -8th September, 2017 as Co-Investigator.

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

CONFERENCE & WORKSHOP ATTENDED:

Six PGTs, Dr. Indrajeel Saha, Dr. Abirlal Sanyal & Dr. Nishar Akhtar, Dr. Tanusri Halder, Dr. Arpit Saha, Dr. Sangita Pal attended 40th. National Conference & Workshops of IAMM (Microcon2017) at Ranchi.. Also Research scholars Rehana Parveen, Archi Ghosh and faculties Prof PK Maiti & Dr. Nupur Pal attended the conference

AWARDS & ACHIEVEMENTS

- Dr. Arpit Saha received 1st Prize for best scientific paper presentation in 60th Foundation day ceremony of IPGMER in Medicine category
- Presentation of Dr. Jayeeta Halder has been selected as "Paper Of Excellence" at 1st Regional Science & Technology Congress-2016, Presidency Division, Department of Science & Technology, Govt. Of West Bengal.

PUBLICATIONS

1. Halder J, Mukherjee P, Mukhopadhyay S, Maiti PK. Isolation of bacteria from diabetic foot ulcers with special reference to anaerobe isolation by simple modified candle jar technique. Ind J Med Res; vol145,,p-97-101;2017

2. Ghosh Prabir, Chakraborty Bipasa, Maiti PK, Ray Raja. Comparative Evaluation of Loop Mediated Isothermal Amplification and Conventional Methods in diagnosis of extrapulmonary tuberculosis. Original article.(January,2017,Vol 10,Issue1,Pg 160-164).Annals of Trop Med and Public Health.
3. Das Tamas, Chakrabort Bipasa, RayRaja."In-Vitro Study on Potential Efficacy of Acriflavine in the Prevention of Conjugational Transfer of Drug Resistance in Bacteria" 'Journal of Evolution of Medical and Dental Sciences/ Volume 6/ Issue 78/ September 28, 2017..
4. Suparna Dutta, Susmita Chatterjee, Satya Moulik, Sujata Tarafdar, Prasanta Maiti." Evaluation of the role of substract 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)
5. Halder J, Pal N, Ray R, Maiti PK. Use of an Innovative Simple Method for Anaerobiosis in the Diagnosis and Management of Infections in Two Unusual Cases. Ann Med Health Sci Res. 2016;6:56-8.
6. Roumi Ghosh, Soumen Das, Asmita De, Harish Kela, Makhan Lal Saha, Prasanta Kumar Maiti. Port-site Infections by Nontuberculous Mycobacterium: A Retrospective clinico-microbiological study. The International Journal of Mycobacteriology | Volume 6 | Issue 1 | January-March 2017
7. PK Maiti. Nano-Adjuvant: New ray of hope against anti-microbial resistance. Indian Science Cruiser. 2017; 31:54-59.
8. Roumi Ghosh, Pranshu Mishra, Sumit Sen, Prasanta Kumar Maiti, Govinda Chatterjee. Experience of Varied Presentation of Chronic Progressive Disseminated Histoplasmosis in Immunocompetent Patients: A Diagnostic Conundrum. Indian J Dermatol 2016;61:580. [www.e-ijd.org : DOI: 10.4103/0019-5154.190128]
9. Pal N, Rit K, Naskar S, Kumar S, Guhathakurata R. A study of bacteriological and antibiotic susceptibility profile of pediatric urinary tract infection with special emphasis on extended spectrum beta-lactamase production in a tertiary care hospital of Eastern India. Int J Health Allied Sci 2016;5:257-62.

Papers presented in 61st Foundation Day Ceremony of IPGMER & 11th. Reunion 2017:

- Rise of antibiotic resistance in gram negative bacteria a tertiary care hospital. Nishar Akhtar, Prof Raja Ray
- Biofilm producing organisms causing CLABSI in an ITU in a tertiary care hospital (Indraneel Saha, Raja Ray)

Papers presented at Tropacon/STM, Kolkata- June 2017

- Is *Elizabethkingea meningoseptica* an emerging nosocomial pathogen ? Nishar Akhtar, Raja Ray [Nishar Akhtar Secured 2nd position in quiz competition in the same Tropacon.]
- Dr. Indraneel Saha Was awarded second position in the tropicon quiz.

Papers presented at 7th annual conference of tropical and infectious diseases organised by Society of tropical medicine & infectious diseases:

- Multi drug resistant bacteria producing biofilms within life saving ventilators'. Indraneel Saha, Raja Ray, Nupur Pal, Abirlal Sanyal.

Papers presented in 41st. National Conference of IAMM (MICROCON 2017) at Ranchi, held on 24-26 th. Nov. 2017:

1. Study for determining the rate of oxygen depletion by different combustion systems used for anaerobiosis. Rehana Parveen, Jayeeta Halder, P.K. Maiti
2. Effects of nano-silver particles on viability and cell morphology of *E coli*, *S aureus*, *P aeruginosaa* and *C albicans*: a preliminary study by electron-microscopy. Arpit Saha, Prof. PK Maiti.
3. Scanning electron microscopic observation of anaerobic biofilms. Archi Ghosh, Jayeeta Halder, Prof. P. K. Maiti

4. Prospective systemic nano-anti-microbial agents: better alternatives for conventional antibiotics. Prasanta Kumar Maiti, Rehana Parveen, Archi Ghosh, Alokmooy Dutta
5. Selective Use of Probiotics in the form of food items. Sangeeta Pal, Rehana Parveen, Archi Ghosh, Prasanta Kumar Maiti
6. Dyselectrolytemia in geriatric urinary tract infections : the scenario at a tertiary care centre. Abirlala Sanyal, Manas Sarkar, Raja Ray
7. Portsite infection with nontuberculous mycobacteria, a contemporary hazard of laparoscopic surgery- a study at a tertiary care centre. Indraneel Saha, Raja Ray, Nupur Pal, Abirlal Sanyal
8. Review of positive blood cultures in a tertiary-care hospital : rise in antibiotic resistance – a cause of concern. Nishar Akhtar, Abirlal Sanyal, Prof. Raja Ray.
9. Elizabethkingia meningo-septica – an emerging Nosocomial Non-fermenter. Nishar Akhtar, Hirak Jyoti Raj, Prof. Raja Ray

Papers presented at 4th International Sepsis Congress-2017 at New Delhi on 27-28 Oct, 2017:

- Rise in Resistance in Gram-Negative Bacteria in a Tertiary –Care Hospital ,Kolkata – Nishar Akhtar, Prof. Raja Ray

Papers presented at 12th WB-Microcon-2017 at RG Kar Medical college, 29th Oct. 2017

Oral papers

- Scope for using some new Nano-Silver Particles as infection control agent Rehana Parveen, Alokmooy Datta , P.K.Maiti
- Biofilm producing organism causing CLABSI at an ITU of a tertiary care hospital'. Indraneel Saha, Raja Ray

Posters

- A rare presentation of typhoid fever as haemophagocytic syndrome in a young male Dr Arpit saha , Dr Joydeep Chakraborty
- Is probiotic food better alternative to probiotic medicine Dr Sangeeta Pal, Rehana Parveen, Archi Ghosh & Dr P.K.Maiti

Papers presented in CUTICON WB 2017, Held at Science City, Kolkata on 16th Dec. 2017

- Superficial and deep mycoses: Microbiological trend in India : Prof. PK Maiti

Papers presented in 24th West Bengal State Science & Technology Congress 2017, Held at Science City, Kolkata on 28th Feb. & 1st March, 2017.

- Innovation of simpler technique for anaerobic culture. Jayeeta Halder, Poulami Mukharjee, Rehana Parveen, Prof. Raja Ray, Prof. PK Maiti. [Received Outstanding Paper Award in Medical Science] Abstract: pg-112
- Anti-inflammatory and Anti-biofilm Activity Study of *Mikania scandens*. Bhoomika Basu Mallik*, Rimashree Baishya, Prasanta Kumar Maiti, Anjan Adhikari, Soma Banerjee. [Received Outstanding Paper Award in Medical Science] Abstract: pg-110.

Paper presented at 85th annual reunion of NRSMCH

Oral paper at the D. K. Roy memorial scientific session

- Multi drug resistant bacteria producing biofilms within life saving ventilators'. Indraneel Saha, Raja Ray (3rd th December, 2017)

MD Thesis submitted in 2016:

1. Quality assessment of different solid culture media in terms of average bacterial colony size of appropriate bacterial growth and some steps for quality improvement. : Dr. Munmun Sarkar. Guide: Dr. P.K Maiti.
2. In vitro demonstration of biofilm inhibition characteristics of one preformed biofilm to colonization of other biofilm producers. Dr. Arjun Dutta. Guide: Dr. P.K Maiti
3. In-vitro study on potential efficacy of acriflavine and other molecules in the prevention of transfer of drug resistance in clinical nosocomial bacterial isolates. Dr. Tamas Das. Guide: Dr. Raja Ray.
4. A microbiological study of recurrent urinary tract infections with special references to biofilm colonization. Dr. Anjan Kumar Das. Guide: Dr. Manas Sarkar.

Ongoing Research Works for MD Thesis

5. Difference in Growth and Drug susceptibility between in-vitro and in-vivo simulating growing conditions with special reference to common non-fastidious respiratory pathogens Dr. Anjum Namhata ; Guide: Prof. PK Maiti, Dr. HJ Raj.
6. A microbiological study of puerperal & post-abortion sepsis with reference to anaerobic and aerobic flora. Dr. Tanusri Halder; Guide: Dr. Kalidas Rit, Dr. Nupur Pal, Prof. Sudip Saha (G&O)
7. A study of geriatric urinary tract infections, with special reference to electrolyte imbalance in a tertiary care hospital .Dr. Abirlal Sanyal; Guide: Prof. Manas Sarkar, Prof. Raja Ray
8. Study of microbiological profile of device associated infection in critically ill patients with respect to resistogram study and biofilm forming ability at a tertiary care hospital. Dr. Indraneel Saha; Guide: Prof. Raja Ray, Dr. Rajat Choudhuri.
9. Effects of Nano-silver particles on viability and cell morphology of E. coli, S. aureus, P.aeruginosa and C. albicans. ; Dr.Arjit Saha Guide: PK Maiti & Nupur Pal.
10. Evaluation of bacterial contents in some commonly used Probiotic medicines and foods. Dr.Sangeeta Pal, Guide: PK Maiti, Kumkum Bhattacharya, Hirak Jyoti Raj
11. 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.
12. A preliminary study of antifungal effects of indigenously prepared biomimicking nanosilver particles (AgNPs) on superficial mycosis. Dr.Namrata Jain. Guide:Prof.P.K Maiti, Prof. Gobinda Chatterjee.
13. 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).
14. Isolation, identification and detection of resistance pattern of non fermenters from a tertiary care unit in Kolkata. Dr. Salma Sultana. Guide-Prof. Kumkum Bhattacharyya and Prof. Asutosh Ghosh.

Ongoing PhD thesis work

- Form conversion of Malassezia: a clinico-mycological study. By Dr. Asis Manna. Guide: Dr. PK Maiti & Dr. D. N. Gangopadhyay.
- A new anaerobiosis technique using a candle-jar enriched with chemicals for combustion of residual oxygen: validation and its application to determine the incidence of anaerobic infections from different clinical materials. By Jayeeta Halder, Guide: Prof. PK Maiti & Prof. Raja Ray.
- Debatri Ghosh. Registered for PhD Biochemistry at the University of Calcutta on 14th Sep, 2016 on the topic 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.

- 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.

Projects

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) .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
5. PI- Prof Raja Ray, Co-I: Dr Hirak Jyoti Raj.
6. 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-expected to commence).
7. 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

"Clinical significance of atypical mycobacteria in portsite infection following laparoscopy" (Jun-July '17) by Samayitree Das, MSc Microbiology, Pondicherry central university. Guide : Dr. Nupur Pal, Assistant Professor. Microbiology.

Tests done in Microbiology Laboratory: 01/01/17– 30/11/17

Bacteriology

Test	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Urine	1471	1654	1724	1950	2057	1805	1988	2091	1892	1917	2227		20776
Throat swab	03	–	06	07	00	01	07	03	05	12	02		46
Wound	183	130	182	191	188	227	239	216	197	205	256		2214
Blood C/S	19	102	149	159	198	168	179	181	198	222	187		1762
Blood C/S (Automated)	189	121	74	76	67	68	132	73	61	76	139		1076
Body fluids	234	217	265	184	209	201	184	154	139	143	159		2089
Sputum	86	98	123	109	107	132	136	194	178	238	194		1595
Other swabs	06	10	10	08	04	02	06	04	06	05	04		65
CSF	46	43	45	34	38	47	56	72	54	62	79		576
OT swab	199	157	253	158	91	374	235	256	305	282	314		2624
TOTAL	2436	2532	2831	2876	2959	3025	3162	3244	3035	3162	3561		32823

Serology

RA	59	71	80	165	90	120	226	175	153	152	180		1471
ASO	86	69	101	70	75	67	72	63	62	97	87		849
CRP	393	425	420	720	685	651	650	641	421	463	501		5970
Widal	17	21	20	31	65	32	84	90	113	127	145		745
VDRL	458	343	450	398	405	450	602	595	314	368	370		4753
HBsAg	1783	3117	3979	3640	3369	4021	4156	5270	2922	2653	3295		38205
HCV	1475	2998	3895	3545	3117	3871	4085	5120	2860	2597	3233		36796
HAV	–	–	–	–	–	–	25	44	36	48	47		200
HEV	–	–	–	–	–	–	25	45	36	47	43		196
Mantoux	67	113	124	107	88	65	143	94	83	107	96		1087
Dengue	153	93	107	104	126	131	285	529	750	1100	1168		4546
JE	16	16	23	17	17	24	19	25	37	40	33		267
TOTAL	4507	7266	9199	8797	8037	9432	10372	12691	7787	7799	9198		95085

Miscellaneous

Test	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Malaria	73	36	37	37	45	71	79	277	154	125	102		1036
Fungal stain	19	12	92	85	79	51	58	42	55	49	39		581
Fungal culture	12	15	23	26	33	40	33	20	27	28	33		290
AFB culture	66	54	33	37	39	44	41	48	30	37	34		463
Slit skin	18	37	29	36	29	27	33	38	25	24	29		325
India Ink	17	18	19	18	11	16	14	10	10	05	18		156
AFB stain	202	216	209	213	46	80	80	92	61	86	95		1380
TOTAL	407	388	442	452	282	329	338	527	362	354	350		4231

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 under Malaria clinic

Neonatology

STAFF

Dr. Suchandra Mukherjee	MD Paediatrics	Professor And Head
Dr. Ranajit Mukherjee	MD Paediatrics	Associate Professor
Dr. Bijan Saha	MD Paediatrics, DM Neonatology	Assistant Professor
Dr. Dinesh Munian	MD Paediatrics	Assistant Professor
Dr. Ratan Kumar Biswas	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. Uttam Kumar Mondal	DCH, MD Paediatrics	Assistant Professor
Dr. Anindya Kr Saha	MD Paediatrics, DM Neonatology	RMO cum Clinical Tutor
Dr. Nirmalya Sarkar	MD Paediatrics	RMO cum Clinical Tutor
Dr. Somnath Paul	MD Paediatrics	Senior Resident
Dr. Moumita Ghosh	MD Paediatrics	DM Resident
Dr. Saugata Choudhuri	DNB Paediatrics	DM Resident
Dr. Vupendra Gupta	MD Paediatrics	DM Resident
Dr. Sudipta Dasgupta	DCH	Medical Officer
Dr. Amit Banerjee	DCH	Medical Officer
Dr. Biswanath Bala	MBBS	Medical Officer

IMPORTANT ACHIEVEMENTS IN 2015

- 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.

SERVICE INFORMATION

Neonatal Intensive Care Unit (NICU): It comprises of 33 beds with one stabilization bed in the 2nd floor (Including 8 Surgical NICU beds)

Special New Born Care Unit (SNCU): 42 beds at 3rd Floor and 25 beds at ground floor of new 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.

- Cardiac surgery for congenital heart disease in collaboration with Department of Cardiothoracic Surgery and Department of Cardiology.
- 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.

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.
Total Neonatal surgery done in 1 Yr(from December 2016 – November 2017):130

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.

Human Milk Bank

The Chief Minister, Govt. of West Bengal has inaugurated Eastern India's first Human Milk Bank 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 human milk bank 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.

Satellite Unit

A satellite unit of Department of Neonatology, IPGME-SSKM hospital, comprising of SNCU, Neonatal ward and NICU has been developed in MR Bangur hospital in 2011. Neurodevelopment follow-up services and ROP screening has been opened for M. R. Bangur Hospital SNCU babies.

Retinopathy of Prematurity clinic

Screening for retinopathy of prematurity (ROP) of preterm and sick babies required oxygen in NICU and SNCU, IPGME & 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.

SERVICE INFORMATION

Statistics report for 2010-2017 NICU

Year	Total live birth	Inborn admission	Outborn admission	Survival rate at NICU
2010	2579	1143	219	93.17%

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 (upto November)	3654	1042	602	89.0%
December 2016- November 2017	4738	1606	548	92.0%

OPD statistics (December 2016 – November 2017)

OPD	No of cases
Neonatal Medicine OPD	5512
Neonatal Surgery OPD	137
Neurodevelopment Clinic	5172
RBSK OPD	10614

MORTALITY (December 2016 – November 2017)

INBORN			OUTBORN		
Total Live Birth	Total Death	Inborn NMR	Total Outborn Admission	Total Death	Outborn CFR
4738	92	19.42 per 1000 live birth	548	80	14.59%

Month wise statistics of NICU: December 2016 to November 2017

MONTH	LIVE BIRTH	NICU ADMISSION			DISCHARGE			MORTALITY		
		INBORN	OUTBORN	TOTAL	INBORN	OUTBORN	TOTAL	INBORN	OUTBORN	TOTAL
Dec-16	385	115	46	161	72	38	110	4	6	10
Jan-17	337	112	56	168	85	42	127	9	7	16
Feb-17	284	96	42	138	57	40	97	12	4	16
Mar-17	344	150	41	191	119	40	159	11	6	17
April-17	356	119	42	161	119	33	152	9	5	14
May-17	344	124	53	177	93	36	129	7	8	15
June-17	376	126	37	163	103	26	129	7	8	15
July – 17	413	145	50	195	115	35	150	7	8	15
Aug-17	458	145	44	189	121	41	162	5	1	6
Sep-17	463	160	27	187	127	22	149	11	8	19
Oct-17	510	164	54	218	148	38	186	4	10	14
Nov-17	468	150	56	206	98	36	134	6	9	15

TEACHING & TRAINING ACTIVITY

- **DM neonatology course** 3 year DM Neonatology course permitted by MCI started in 2011 with annual intake of two students.
- **Clinical training for DNB in medical genetics**
- **Post graduate training (MD pediatrics)**
- **Training of M.Sc. Nursing students** from this institute and also from other medical colleges.
- **FBNC Training (4 + 14 Days) for Nurses**
- **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 (2012-17)

- 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 (2012-17)

- 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.
<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 Anshuman Paria - Left Sided Oesophageal Lung: A Diagnostic Challenge, *Case Reports in Pediatrics*, February 2013.
 - Amitava Sur, Syamal Kumar Sardar and Anshuman Paria - 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.
 - Viswanathan R, Singh AK, Basu S, Chatterjee S, SardarS, Isaac D , Multi-drug resistant gram negative bacilli causing early neonatal sepsis in India. *Arch Dis Child Fetal Neonatal Ed* (2011).
doi:10.1136/archdischild-F2.
 - Viswanathan R, Singh A, Ghosh C, Mukherjee S, Sardar S and Basu S - Experience of Setting Up a Microbiology Service for rural Facility Based Sick Newborn Care Unit *Journal of Tropical Pediatrics*, February 2012.
 - Suman Sarkar, Shymal Kumar Sardar, Dinesh Munian, Subham Bhattacharya and Bhuban Majhi - An anomalous left superior vena cava draining into left atrium in association with fetal valproate syndrome, *Indian Journal of Pediatrics*, May 2012.
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Nephrology

STAFF

Faculty

Dr. Rajendra Pandey, Dip.Card, MD, DM
 Dr. Debabrata Sen, MD, DM
 Dr. Arpita Roychowdhury
 Dr. Sanjoy Dasgupta, MD, DM
 Dr. Dipankar Sarkar, MD, DM
 Dr. Aref Hossain, DCH, MD (Med)
 Dr. Sital De, MBBS
 Dr. Kausambi Chowdhury, MBBS

Post / Designation

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

Postdoctoral trainees

3rd year	2nd year	1st year
Dr. Raju Sahoo Dr. Vaibhav Tiwari Dr. Asit Mondal Dr. Rajib Mondal Dr. Atanu Pal Dr. Kapiljit Chakravarty	Dr. Swastik Purkait Dr. Abhinab Debnath Dr. Abhishek Chakraborty Dr. Sudhangshu Sekhar Bhoi Dr. Adyapada Pani Dr. Prasun Roy	Smartya Pulai Abhirup Bhunia Arkaprabha Chakraborty Aneesh Nanda Jamshed Anwer Manas Kumar Goswami

Dialysis Technician number 9

Dialysis Technician students:

1 st Year student	2 nd Year student	Internee
26	27	16

ACADEMIC ACTIVITY

Regular academic activities

- 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

Awards

- 2nd prize to Dr. S. Divyaveer in Eastern zonal conference.
- 1st prize to Dr. S Divyaveer and 3rd Prize by Dr. V. Vardhan in TYSA Competition

Ongoing research activity:

1. Remote Ischemic Preconditioning For Prevention of Contrast Medium-induced Nephropathy in Patients of CKD III-IV Undergoing Coronary Angiography
2. A controlled study of the effect of cholecalciferol for lowering albuminuria in chronic kidney disease
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. A prospective randomized controlled trial comparing efficacy of different lock solutions in preventing catheter related blood stream infection in hemodialysis patients and it's association with biofilm producing property of different microorganism'

5. Open labelled prospective randomized controlled trial of calcium and vitamin d on bone health in kidney transplant recipient
6. The spectrum of pregnancy related acute kidney injury.
7. Outcome IgA nephropathy intervention with TESTING protocol.
8. Study comparing modified ponticelli regimen and rituximab in idiopathic membranous nephropathy
9. Multitarget therapy in SLE class IV induction phase.
10. Assessment of depression and anxiety in CKD and renal transplant patient
11. The correlation of Oxford MEST classification with clinical presentation and responsiveness to currently recommended therapy in IgA nephropathy.
12. Safety and efficacy of rituximab in patient with difficult idiopathic nephritic syndrome: a long term follow up study.
13. Effect of night time dosing of antihypertensive medication on ABPM and cardiovascular and renal outcome in nondialysis CKD patient.
14. Estimation of change of GFR in live kidney donor.
15. High dose of telmisartan decreases the progression of CKD.
16. Open label randomized controlled study comparing rituximab and tacrolimus in steroid resistant adult MCD and FSGS
17. ICMR project: Multicentric study to find out prevalence of chronic kidney disease in Indian adults – Syantani Chowdhuri, Alolika Mukherjee, Chandra Bhushan Kr Choudhury, Deblina Das
18. DBT Project: ICKD – Jharna Mondal

Reports of research activity have been presented in National Conference and/or World Congress of Nephrology.

Departmental work regarding multitarget therapy in lupus nephritis accepted as late breaking clinical study in ASN.

Paper publications

- Chaudhury AR, Reddy TV, Divyaveer SS, Patil K, Bennikal M, Karmakar K, Chatterjee S, Dasgupta S, Sircar D, Pandey R. A Cross-sectional Prospective Study of Asymptomatic Urinary Abnormalities, Blood Pressure, and Body Mass Index in Healthy School Children. *Kidney International Reports*. 2017 Nov 1;2(6):1169-75.
- Banerjee A, Divyaveer SS, Bhattacharjee K, Pandey R. The Unusually Complicated Wasp Stings. *Toxicology International*. Sept-Dec 2016 / Vol-23 / Issue-3, 272-275.
- Divyaveer S, Tiwari V, Patil M, Mahajan C, Bhattacharya TD, Banerjee A, Bhattacharjee K, Raychaudhury A, Pandey R. An unusual case of rapidly progressing glomerulonephritis in pregnancy; "triple positivity" or a co incidence?. *Journal of Nephropathology*. 2017 May 27;6(4):272-4
- Bhattacharjee K, Divyaveer SS, Banerjee A, Tiwari V, Bhattacharya TD, Raychaudhury A, Pandey R. An unusual case of acute kidney injury caused by oxalic acid mistaken for common salt. *Journal of Medicine in the Tropics*. 2017 Jul 1;19(2):133.
- Post renal transplant pure red cell aplasia-is tacrolimus a culprit? Patil MR¹, Choudhury AR¹, Chohwanglim M¹, Divyaveer S¹, Mahajan C¹, Pandey R¹. *Clin Kidney J*. 2016 Aug;9(4):603-5. doi:10.1093/ckj/sfw040. Epub 2016 May 24
- Sircar D, Chatterjee S, Waikhom R, Golay V, Raychaudhury A, Chatterjee S, Pandey R. Efficacy of febuxostat for slowing the GFR decline in patients with CKD and Asymptomatic hyperuricemia: a 6-month, double-blind, randomized, placebo-controlled trial. *Am J Kidney Dis* 2015; 66: 945-50.
- Pandey R. Snake bite: a neglected tropical condition. *Indian Pediatr* 2015; 52: 571-2.
- Trivedi M, Pasari A, Chowdhury AR, Abraham A, Pandey R. Tip variant of focal segmental glomerulosclerosis: is it truly a benign variant? *Ren Fail* 2015; 37: 763-8.
- Kurien AA, Raychaudhury A, Walker PD. Membranous nephropathy as a rare renal manifestation of IgG4-related disease. *Indian J Nephrol* 2015; 25: 164-7.
- Golay V, Roychowdhury A, Pandey R. Spontaneous peri-nephric hematoma in a patient with acute kidney injury following Russell's viper envenomation. *Saudi J Kidney Dis Transpl* 2015; 26: 335-8.
- Singh A, Ghosh R, Kaur P, Golay V, Pandey R, Roychowdhury A. Protocol renal biopsy in patients with lupus nephritis: a single center experience. *Saudi J Kidney Dis Transpl* 2014; 25: 801-7.
- Waikhom R, Sarkar D, Bennikal M, Pandey R. Rapidly progressive glomerulonephritis in tuberculosis. *Saudi J Kidney Dis Transpl* 2014; 25: 872-5.

- Jana AK, Sircar D, Waikhom R, Praharaj SK, Pandey R, RayChaudhury A, Dasgupta S. Depression and anxiety as potential correlates of post-transplantation renal function and quality of life. Indian J Nephrol. 2014; 24: 286-90.

Passing out batch of DM Nephrology:

1. Dr. Avinandan Banerjee
2. Dr. Kaushik Bhattacharjee
3. Dr. Smita Divyaveer
4. Dr. Umesh Dubey
5. Dr. Sandeep Saini
6. Dr. Vishnu Bardhan

Seminars & Symposium:

- Arranged Seminar for Up gradation Glomerulonephritis for DM students along with Indian Society of Nephrology.
- Arranged Symposium on Awareness & Up-dating of Cadaveric Transplant.
- CME for updating Dialysis Procedure for Dialysis Technician students.

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.

Renal laboratory information

(Following tests were carried out for the period from November 2016 to October 2017)

No.	Name of tests	No. of tests	No.	Name of tests	No. of tests
1	Na+	5380	13	SGOT	2167
2	K+	5380	14	SGPT	2168
3	Urea	6233	15	Alk. Phosphatase	2278
4	Creatinine	6566	16	Calcium	2242
5	Total Protein	2805	17	Phosphorus	2151
6	Albumin	2934	18	HbsAg	1628
7	Cholesterol	1150	19	Anti HCV	1631
8	Triglyceride	1149	20	24 hr. Urinary Protein	498
9	Sugar	1893	21		
10	Uric Acid	1677			
11	Bilirubin (T)	2128			
12	Bilirubin (D)	2128			

Total tests performed - 54277

Total patient - 14136

Admission census (November 2016 to October 2017)

	Admissions	Discharge	Deaths
MRU Male	543	469	59
MRU Female	485	422	31
Total	1028	891	90

OPD census (November 2016 to October 2017)

Old OPD Ticket	32846
New OPD Ticket	26843
Post-transplant OPD	2436
Glomerulonephritis clinic	6839

Procedures performed in dialysis unit (November 2016 to October 2017)

	Hemodialysis	ARF	CRF	Snake Bite	Plasmapheresis
Total	14070	2078	11992	610	212

Internal Jugular and Femoral catheter	Permacath	Arterio-Venous Fistula	Renal Biopsy	CAPD catheter insertion
3032	194	97	664	5

Renal transplant data

Live renal transplantation	Male 27: Female 13
Deceased donor renal transplantation	2

Nephrology Sister Unit – Sambhu Nath Pandit Hospital, Kolkata (November 2016 to October 2017)

Sambhunath Pandit Hospital Nephrology Indoor			
	Admission	Death	Discharge
Male Ward	651	56	595
Female Ward	362	36	326

Sambhunath Pandit Dialysis Unit dialysis session	
Total Dialysis Session	7181
Chronic Kidney Disease	5437
Acute Kidney Injury (other than snake bite)	191
Snake Bite	1553

Unit distribution

There are 3 units under which patients are admitted. They are OPD days as follows.

Prof. Rajendra Pandey	-	Monday
Prof. Debabrata Sen	-	Wednesday 1 st / 3 rd / 5 th
Prof. Arpita Roychowdhury	-	Wednesday 2 nd & 4 th
Dr. Dipankar Sircar	-	Friday 2 nd & 4 th
Dr. Sanjoy Dasgupta	-	Friday 1 st / 3 rd / 5 th

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
Dr. Debasis Das DRM, MD	Associate Professor
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)	Vacant
Group D	Vacant

TRANSFERS AND POSTINGS

Dr. Dhritiman Chakraborty, MD, Assistant Professor, has been placed on TR for pursuing DM (Nuclear Medicine) course at AIIMS New Delhi since 02-01-2017.

FACULTY NEWS

Dr. Srabani Sen

Conferences attended

- CME conducted by Diabetic Association of India, West Bengal Branch on 11th February 2017.
- API WB chapter Mid Term Update on 1st May 2017 in Kolkata.
- Participated in the Insulin Discovery Day programme in Kolkata.
- API Annual Conference from 27th to 29th October, 2017 in Kolkata.
- Symposium on Diabetes conducted by Diabetic Association of India, West Bengal on 13th November, 2017 in Kolkata.

Dr. Punyabrata Dobe

Conferences attended

- Attended International Diabetes Update – July 2017 at Chennai.
- Attended Annual Summit on Hypertension – September 2017 at Kolkata .
- Best of ADA Conference – October 2017 at Kolkata.
- Annual Conference of RSSDI West Bengal Chapter.
- Symposia organized by DAI, RSSDI (WB) & ESIB.
- Participated in Insulin Discovery Day programme.
- Participated in WDD programme.

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. Chaitali Datta Ray	MD, FICOG	Associate Professor
Dr. Sumit Ranjan Pramanick	MD	Associate Professor
Dr. Sambhunath Bandyopadhyay	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. Poushali Sanyal	MS, DNB	RMO cum Clinical Tutor
Dr. Subhendu Choudhury	MS	RMO cum Clinical Tutor
Dr. Saumen Mandal	MS	RMO cum Clinical Tutor
Dr. Nabarun Das	MS	RMO cum Clinical Tutor
Dr. Hajekul Alam	MS, DNB	RMO cum Clinical Tutor
Dr. Sayantanee Sengupta	MS	RMO cum Clinical Tutor
Dr. Bidisha Roy Choudhury	DNB	RMO cum Clinical Tutor
Dr. Samik Sanyal	MS	Senior Resident
Dr. Varsha Saboo	MS	Senior Resident
Dr. Rashmi Baid	MS	Senior Resident
Dr. Swarupa	MS	Senior Resident

Postgraduate (MS) trainees

2015-2018	2016-2019	2017-2020
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. 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

SPECIAL NEWS

We are proud to state that our senior faculty member Prof. S. C. Biswas has been elected President of the Bengal Obstetric and Gynecological Society.

ACADEMIC ACTIVITY

Regular academic activities

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

Other academic activities

1. WORKSHOP ON TIPS & TRICKS OF CESAREAN SECTION: Organised along with the Bengal Obstetric and Gynecological Society in January 2017. More than 150 delegates from all over the state attended this workshop.
2. TRAINING OF PPIUCD: Our department has been chosen as one of the centres of Government of West Bengal, for conducting TRAINING OF PPIUCD.
3. 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.
4. GURUKUL TRAINING PROGRAMME FOR POSTGRADUATES: Was conducted by our department along with Indian Menopausal Society
5. FOGSI USHA KRISHNA NATIONAL QUIZ(BENGAL ROUND): Was conducted by our Department and teams from various medical colleges participated.
6. ORATION: Prof Sreemonto Banerjee Oration was given by Prof Arulkumaran, former President of Royal college of Obstetricians and Gynecologists.
7. ADVANCED CONTRACEPTIVE TRAINING PROGRAMME: Was conducted in collaboration with the Bengal Obstetric and Gynecological Society & Kalyani Obstetric and Gynecological Society.
8. 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
- 4) Study on subdermal contraceptive implant IMPLANON – The main study has been concluded . Now only Return of Fertility (ROF) evaluation is ongoing.

STUDENT ACADEMIC ACHIEVEMENTS

In the Bengal Obstetric and Gynecological Society Foundation day Programme 2017:

- Dr. Sikha Singh- 1st prize for paper presentation
- Dr. Pooja Sahu- 3rd prize for paper presentation

In the FOGSI World Congress on “Why fetus die in utero” 2017

- Dr. Joydeep Roy– 1st prize for poster presentation

In the Indian menopausal society National conference 2017

- Dr. Akansha Misra -2nd prize in Quiz contest

- Dr. Akansha Misra -1st prize in Debate competition
- Dr. Dishari Das-1st prize in Paper presentation
- 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 December 2017 :

1. Medal for proficiency in G&O: Dr Sikha Singh
 2. First Certificate of merit for proficiency G&O: Dr. Neha Jain
 3. Second Certificate for proficiency G&O: Dr. Pooja Sahu
-
1. Medal for proficiency in thesis work (G&O): Dr. Pooja Sahu
 2. 1st Certificate of merit for proficiency in thesis work (G&O): Dr Neha Jain
 3. 2nd Certificate of merit for proficiency in thesis work (G&O): Dr Subrata Debnath

Publications

Prof. P. S. Chakraborty

- How successful is colour flow mapping and pulsed Doppler studies in predicting benign and malignant adnexal masses: Intern J of Reproduction, contraception O&G 2017 Dec 6 (12)

Dr. Chaitali Datta Ray

- Mycobacterial heat shock protein 65 mediated metabolic shift in decidualization of human endometrial stromal cell: Sci Rep. 2017 Jun 21;7(1):3942, Subramani E, Rameshbabu AP, Jothiramajayam M, Subramanian B, Chakravorty D, Ray CD, Lodh I, Chattopadhyay R, Saha S, Mukherjee A, Dhara S, Chakravarty B, Chaudhury K
- NMR-based metabolomics for understanding the influence of dormant female genital tuberculosis on metabolism of the human endometrium: Human Reproduction, 2016 Feb 6, E. Subramani, M. Jothiramajayam, M. Dutta, C. Datta Ray, B. N. Chakravarty, K. Chaudhury
- Dysregulated LIF and its receptor regulated STAT3 pathway: a possible cause for repeated implantation failure in women with dormant genital tuberculosis?: Fertil Steril 2016 Jan 8., Elavarasan Subramani, Ejimedo Madogwe, Chaitali Datta Ray, Subir Kumar Dutta, Baidyanath Chakravarty, Vilceu Bordignon, Raj Duggavathi, Koel Chaudhury
- Serum metabolomics of Indian women with polycystic ovary syndrome using 1H NMR coupled with a pattern recognition approach. Mol. BioSyst:2016:11 Sourav RoyChoudhury, Biswa Prasanna Mishra, Tila Khan, Ratna Chattopadhyay, Indrani Lodh, Chaitali Datta Ray, Gunja Bose, Himadri S. Sarkar, Sudha Srivastava, Mamata V. Joshi, Baidyanath Chakravarty and Koel Chaudhury

Dr. Bidisha Roychoudhury

- Association of Pregestational BMI and Antenatal Weight Gain With Pregnancy Outcome: A Prospective Observational Cohort Study. Int j of women's health and reproductive sciences vol.5,No.1,Jan 2017,37-40.
- A study to analyze the efficacy of levonorgestrel intrauterine system in the management of AUB among urban Indian women. J of South Asian Federation of Menopausal Society, Jan-June 2017.

SERVICE INFORMATION

OPD

Location : Gynecology Building (ground floor)

OPD attendance: Total patient – 76,500 (1.11.2016 to 31.10.2017)

Indoor

Bed distribution: Gynecology beds – 50, Obstetric beds – 70

Beds location : Gynecology Building & Ronald Ross Building

Gynecology ward – 36	Cabin – 4	Mat Ward – 54
Labor room – 9	G.F. Ward – 26	Ligation ward – 10

Total admissions: 9212

Procedures /investigations performed (01.11.2016 to 31.10.2017)

- Major operative procedures : 1560
- Minor operative procedures, tubectomy and diagnostic laparoscopy : 3034
- Total number of deliveries (vaginal + LSCS): 4635

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	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. Chaitali Dutta Roy 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. Mohua Mazumdar MBBS, DO, MS	Assistant Professor (On detailment)
Dr. Amit KumarGupta MBBS, DO, MS	Assistant Professor
Dr. Debanjan Sen MBBS, MS	RMO cum Clinical Tutor
Dr. Arpita De MBBS, MS	Tutor

Medical Officers

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

Junior Consultant

Dr. Arunima Chakraborty MBBS MS

Academic activities

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

FACULTY NEWS

Prof. Mita Khan

- Acted as Chairperson in Glaucoma session of Kolkata Academy of Ophthalmology,
- Chairperson in B K Mitra Free paper Competition (prelim) session of 48th OSWB Conference 2017, Kolkata.

Prof. Amitabha Raychaudhuri

- Presented Prof. C. K. Mahapatra Oration at MKCG Medical College, Berhampur, Orissa organized by Odisha Chapter of ACOIN
- MS (Ophth) examiner at WBUHS MKCG Medical College, , Berhampur, & Sambalpur Medical College, Sambalpur, Odisha
- DNB Examiner under NBE in Kolkata

Prof. Suchitra Majumdar

- Acted as judge in Free Paper competition for PGTs arranged by Ophthalmological Society of West Bengal on 15th June, 2017
- Acting as Co-guide for Thesis titled "Clinical profile of cavernous sinus syndrome in tertiary care hospital" for PDT, Neuromedicine, BIN, Kolkata

Dr. Mohua Mazumdar and Dr. Amit Kumar Gupta are undergoing training for detection and Laser therapy of Retinopathy of Prematurity at RIO, Kolkata

SPECIAL PROGRAMS

- Observation of 32nd National Eye Donation Program (25.08.2017 to 08.09.2017) - counseling and distribution of leaflets.
- Awareness Programme for Eye Donation was held on 08.09.17 in collaboration with Sankara Nethralaya, Kolkata for MBBS students, Nursing staff, GDA, Ward Master and Police, etc.
- Prof. S. Majumdar participated in an Eye Donation Camp organized by Jadavgarh Maitree Sangha, Kolkata.
- Prof. A. Raychaudhuri participated in " After Death Donation Camp" organized by Bhowanipore South Students Club , Kolkata.
- Observation of Glaucoma week from 10th to 16th March 2017 – Hospital and Office staff attended the screening session organized by the department.
- School Eye Screening programmes were conducted with distribution of free spectacles in schools by the PMOA and

SERVICE INFORMATION

Performance (up to 30.11.2017)

- OPD Patients - 37,176
- Refraction - 13,834
- OPD Procedures - 4373
- Cataract - 282 (OT is under renovation)
- YAG laser - 44
- Perimetry (from August 17) -135

Procedures and facilities available

- Glaucoma services
- Cornea clinic
- YAG Laser application
- Biometry
- ROP screening at SNCU , Dept of Neonatology

Recently Installed

- 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. Subhradeep Biswas MS	Assistant Professor
Dr. Debasish Ghosh DLO, MS	Assistant Professor
Dr. Alok Ranjan Mondal MS	RMO cum Clinical Tutor
Dr. Anindita Sengupta MS	RMO cum Clinical Tutor
Dr. Kaustuv Das Biswas DLO, MS	RMO cum Clinical Tutor

Senior Residents

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

Postgraduate trainees

Third year	Second year	First year
<ul style="list-style-type: none"> Dr. Ankit Choudhary (MS) Dr. Dhiman Basu (MS) (exempted candidate) Dr. Joseph Nadakkavukaran (MS) Dr. Sayan Hazra (MS) Dr. Manisha Ray (MS) 	<ul style="list-style-type: none"> Dr. Sandipta Mitra (MS) Dr. Soutrik Kumar (MS) Dr. Soumendra Nath Mondal (MS) Dr. Amrita Pal (DLO) Dr. Sankar Pal (DLO) Dr. Sayantani Chandra (DLO) 	<ul style="list-style-type: none"> Dr. Arya Brata Dubey (MS) Dr. Bijoy Krishna Bhadra (MS) Dr. Mridul Janweja (MS) Dr. Soumen Biswas (MS)

Students passed out in 2017

MS: Dr. Promit Patra, Dr. Prasanta Kander, Dr. Somsubhro Bag

DLO: Dr. Monaj Kumar Khan, Dr. Pragna Paramita Chattaraj, Dr. Sangeetha Kumari

REGULAR ACADEMIC ACTIVITIES

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.

State and national conferences as well as different workshops in the country are attended by teachers, students and Medical Officers.

The department is regularly conducting workshop, seminars and other academic sessions much to the benefit of the post graduate students and faculty. 72 well organized CME were conducted in the department in the present year.

FACULTY NEWS

Dr. Arunabha Sengupta

- AOICON 2017, Kolkata.
- Published: Respiratory papillomatosis in a case of Carini syndrome: An unusual presentation. Int J Case Rep Images 2017;8(8):514–518.

Dr. Swapan Kumar Ghosh

- Author of a text book on rhinoplasty, "Rhinoplasty an expert manual" published by Jaypee Brothers Publishers, New Delhi in February, 2017
- Attended 69th annual AOI Conference in February, 2017 in Kolkata
- Presented a paper on ' Augmentation rhinoplasty and tipplasty in atrophic rhinitis' at the 5th International Conference on Otorhinolaryngology held during August 07-08, 2017 in London, UK.
- Attended 10th MIDAOICON on 26th & 27th August, 2017 at KPC Medical College, Kolkata.
- Chairperson and delegate at 3rd live surgical workshop and Cadaver dissection course on FESS on 2nd & 3rd Sept, 2017 organized by Uttarsang Deshi, Kolkata
- Attended 5th live surgical workshop on head & neck surgery on 14th & 15th October, 2017 at Udichi ENT & Head-Neck Centre, Kolkata.

Dr. Sumanta Kumar Dutta

- AOICON 2017, Kolkata.

Dr. Pijush Kumar Roy

- AOICON 2017, Kolkata.

Dr. Alok Ranjan Mandal

- Indian Otology Conference, Trichy, Nov 2016
- AOICON 2017, Kolkata
- MIDAOICON WB CHAPTER, Aug 2017
- 3rd Uttarsang Deshi Conference, Kolkata, Sep 2017.

Dr. Debasish Ghosh

- AOICON 2017, Kolkata.

Dr. Subhradeb Biswas

- AOICON 2017, Kolkata.

Dr. Anindita Sengupta

- AOICON 2017, Kolkata.

Dr. Kaustuv Das Biswas

- AOICON 2017, Kolkata.

STUDENT INFORMATION**Student participation in conferences****Dr. Ankit Choudhary**

- Presented "An attempt to salvage tympanoplasty failure" at AOICON 2017, Kolkata and State AOICON 2017
- E-poster at AOICON 2017, Kolkata and State AOICON, 2017
- Attended Uttarsang Deshi 3rd live surgical workshop held in Kolkata
- Best Dissector award at Temporal bone dissection for micro-ear surgery at D.Y. Patil Medical College, Mumbai in August 2017
- Attended a workshop on "Qualitative Methods in health research" held at Institute of Public Health and Family Welfare, Kolkata, September 2017

Dr. Joseph Nadakkavukaran

- Presented "Cochlear Implant under ADIP Scheme: Our experience" at AOICON 2017, Kolkata and State AOICON 2017
- Best Dissector award at Temporal bone dissection for micro-ear surgery at D.Y. Patil Medical College, Mumbai in August 2017

Dr. Sandipta Mitra

- Respiratory papillomatosis in a case of Carmi syndrome: An unusual presentation. Int J Case Rep Images 2017;8(8):514–518

- Presented “Navigation guided Endoscopic Transnasal Transphenoidal Hypophysectomy in a tertiary care hospital: Our experience at AOICON 2017, Kolkata and State AOICON 2017.
- E-poster presentation at AOICON 2017, Kolkata and Poster presentation at State AOICON, 2017.

Dr. Sayan Hazra

- Respiratory papillomatosis in a case of Carmi syndrome: An unusual presentation. Int J Case Rep Images 2017;8(8):514–518
- Presented “Maximizing graft take up in Type 1 tympanoplasty and/or cortical mastoidectomy: A special technique” at AOICON 2017, Kolkata and State AOICON 2017.
- Attended Uttarsang Deshi 3rd live surgical workshop held in Kolkata
- Best Dissector award at Temporal bone dissection for micro-ear surgery at D.Y. Patil Medical College, Mumbai in August 2017
- Dr. Amrita Pal
- Presented E-poster at AOICON 2017, Kolkata

Dr. Dhiman Basu, Dr. Sayantani Chandra, Dr. Soumendra Nath Mondal

- Attended Uttarsang Deshi 3rd live surgical workshop held in Kolkata

Dr. Manisha Ray, Dr. Sankar Pal, Dr. Sayantani Chandra, Dr. Soutrik Kumar

- Attended AOICON 2017, Kolkata

Ongoing thesis work

Student	Guide	Topic
Dr. Ankit Choudhary	Dr. Swapan Kumar Ghosh	Clinical study of various types of deviated nasal septum.
Dr. Joseph Nadakkavakaran	Dr. Pijush Kumar Roy	Outcome of tympanoplasty in patients with COM having mixed hearing loss.
Dr. Manisha Ray	Dr. Arunabha Sengupta	Study of status of ossicular chain in various types of chronic otitis media.
Dr. Sayan Hazra	Dr. Arunabha Sengupta	Surgical treatment of benign vocal fold lesions – laser versus cold steel: a comparative study.
Dr. Sandipta Mitra	Dr. Arunabha Sengupta	Coblation versus cold steel adeno-tonsillectomy – a comparative study.
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. 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. Soutrik Kumar	Dr. Swapan Kumar Ghosh	A prospective study of auditory alterations following radiotherapy in patients with head and neck malignancy.

SERVICE INFORMATION

We have started Cochlear Implant surgeries, LASER and navigation image guided surgery for skull base lesions. A total of 23 cochlear implant surgeries, 32 navigation image guided surgeries and 78 Laser assisted surgeries has already been done in the ENT main OT. 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 being held every Saturday at ENT OPD. This year, we organized a special workshop on LASER assisted endolaryngeal surgery under the guidance of eminent laryngologist Dr. Sachin Gandhi in the month of May.

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.

OPD patient count

	New Case			Old case			
Month	Males	Females	Total	Males	Females	Total	Grand Total
Nov 2016	3235	2443	5678	2026	1090	3116	8794
Dec 2016	2508	2058	4566	1908	1588	3496	8062
Jan 2017	2525	2035	4560	1601	1209	2810	7370
Feb 2017	3030	2451	5481	2210	1834	4044	9525
Mar 2017	2651	2223	4874	1990	1215	3205	8079
Apr 2017	2597	2193	4790	1797	1101	2898	7688
May 015	3209	2832	6041	1868	1268	3136	9177
Jun 2017	3243	2705	5948	2443	2105	4548	10496
Jul 2017	3615	2854	6469	3115	2011	5126	11595
Aug 2017	3052	2616	5668	1105	1168	2273	7941
Sep 2017	3087	2649	5736	2287	2149	4436	10172
Oct 2017	3086	2614	5698	2342	2114	4456	10156
Total	35,838	29,673	65,509	24,692	18,852	43,544	1,09,055

ENT admission count

Month	Admission				Discharge		Death	
	OPD		ER		Male	Female	Male	Female
	Male	Female	Male	Female				
Nov 2016	72	91	4	14	90	103		
Dec 2016	93	65	19	7	109	75	1	
Jan 2017	99	102	6	14	91	85		
Feb 2017	89	55	10	13	97	78		
Mar 2017	103	55	15	9	86	79		
Apr 2017	66	77	8	23	69	92		1
May 015	89	59	10	11	84	75		
Jun 2017	81	77	17	23	90	96	1	
Jul 2017	85	61	19	13	86	79		
Aug 2017	77	48	38	22	94	100		
Sep 2017	74	75	18	16	89	75	1	
Oct 2017	77	81	21	20	78	77		
TOTAL	1005	846	164	185	1063	1015	3	1

Total male patients admitted – 1179

Total female patients admitted – 1031

Total admissions – 2210

Surgery count (Main OT)

Month	Major	Minor	TOTAL
Nov 2016	144	4	148
Dec 2016	172	2	174
Jan 2017	160	2	162
Feb 2017	137	3	140
Mar 2017	172	7	179
Apr 2017	157	8	165
May 015	162	6	168
Jun 2017	164	7	171
Jul 2017	164	8	172
Aug 2017	171	11	182
Sep 2017	126	15	141
Oct 2017	130	4	134
TOTAL	1859	77	1936

Audiovestibular Laboratory

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

Tests done in the months 1st November, 2016 to 31st October, 2017

Months	PTA	Tympanometry	BERA	ENG	Speech therapy
Nov 2016	212	175	7	5	9
Dec 2016	335	150	2	2	10
Jan 2017	375	115	5	5	5
Feb 2017	254	120	4	4	4
Mar 2017	335	115	3	3	9
Apr 2017	418	180	3	1	10
May 015	232	170	2	1	9
Jun 2017	411	220	5	3	9
Jul 2017	350	195	4	2	8
Aug 2017	225	115	3	2	9
Sep 2017	345	220	3	3	11
Oct 2017	224	185	3	3	9
TOTAL	3716	1960	44	34	102

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	Assistant professor
Dr. Abir Ghosh	MBBS, MS	Assistant Professor
Dr. Arnab Karmakar	MBBS, MS, DNB	Assistant Professor
Dr. Subhojit Das	MBBS, MS	RMO cum Clinical Tutor
Dr. Nani Gopal Das	MBBS	RMO cum Clinical Tutor
Dr. Abhijit Basak	MBBS, MS	RMO cum Clinical Tutor

Senior Residents

Dr. Sagnik Roy	MBBS, MS
Dr. Supriyo Sarkar	MBBS, MS

Junior Residents (MS Students)

- | | | |
|-------------------------------|------------------------|----------------------------|
| • Dr. Debanjan Adak | • Dr. Ayan Ghosh | • Dr. Md. Sharjeel Khan |
| • Dr. Argha Kusum Roy | • Dr. Vaibhav Singh | • Dr. Debayan Sinharoy. |
| • Dr. Ramhari Dutta | • Dr. Abhijit Gorai | • Dr. Pravat Dehury |
| • Dr. Abhay Sarkar | • Dr. Arijit Mondal | • Dr. Anubhav Bhattacharya |
| • Dr. Mujibar Rahaman Mullick | • Dr. Salil Mondal | • Dr. Riju Mali |
| • Dr. Chetan | • Dr. Priyath Majumdar | • Dr. Saswata Datta |

FACULTY NEWS

Prof. Ananda Kisor Pal

Lectures and presentations

- Tips of reading Radiograph delivered in National CME held at Burdwan on 06-01-2017
- CTEV Relapse in Annual conference of WBOA held at Vedic village on 11-02 -2017
- Anatomy, Classification, Investigation and X-rays of proximal humerus held at Bihar Orthopaedic association Annual conference (BOACON) at Dwarbhanga Medical college, Dwarbhanga on 16-02-2017
- Approach to Low Backache on BOACON on BOACON on 16-02-2017
- Management of Neglected # neck of femur by minimally invasive muscle pedicle graft on BOACON on BOACON on 16-02-2017
- Anterior groin pain following injuries in Sportsperson in SPORTSMEDCON held at Rabindrabhaban , Medinipore on 26-02-2017
- Tips of intramedullary fixation In EIOT held at NRS Medical college on 24-03-2017
- Ideal prescriptions for foot Orthosis for painful foot .. delivered on Ankle-foot Orthopaedic meet held at Siliguri Sinclairs on 08-04-2017
- Osteoporotic fracture fixation: A challenge for Orthopedic surgeon in Annual Conference of IMA Kolkata held at Great Eastern Hotel on 16-03-2017
- Osteology delivered in CME organized by Orissa Orthopedic Association at Cuttack Medical college on 29-04-2017

- Minimal invasive surgery in Osteoporotic fractures delivered in National Orthopaedic meet held at Lonavala , Mumbai on 24-06-2017
- Video technique on QF Muscle-pedicle bone grafting at MIDCON of WBOA, held at Burdwan on 11-07-2017
- Development of modified surgical technique of Baksi Sloppy Hinge elbow arthroplasty in IAACON (National conference of Indian Arthroplasty Association)held on 28-10-2017 at ITC Sonar Hotel Kolkata
- Two part Proximal Humeral Fracture at Nagpur, Orthopedic Masterclass meeting on 19-11-2017

Examinations conducted

- Conducted DNB (Ortho) Exam on 2nd to 4th Nov 2017 at IPGME&R
- Conducted MS (Orthos) Exam on 23rd & 24th Jun 2017 at IPGME&R.

Others

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

Dr. Arnab Karmakar

Lectures and presentations

- 29th Jan 2017- Workshop on Total hip Arthroplasty- Lecture as Faculty on " Imaging in THR"
- 12th Feb 2017- WBOACON 2017- Paper Presentation – "Arthroscopic debridement followed by hylan gf-20 injection in advanced OA knee" as Delegate
- EIOT 23rd Mar 2017- Moderator for the session on Nails and lecture on " Locking Nails" as Faculty
- KASSCOURSE 2017 19th-21st may 2017 Lecture as faculty- a) "Rehabilitation after ligament surgery" and b) "Posterior ankle arthroscopy and posterior Impingement".
- PG TEACHING CLASS OF WBOA 11th June 2017- Lecture as Faculty on "Amputations and compartment syndrome"
- AOTS trauma Update 2017 1st-3rdsept. Joint organizing secretary.Convener of workshop on "Lisfranc injuries". Lecture on "Arthroplasty in trochanteric fractures."
- PG Quiz of WBOA. 19th Sep 2017. Quiz Master and question setter.
- IASCON 2017 OCT 13th -15th. Paper Presentation – "Arthroscopic debridement followed by hylan gf-20 injection in advanced OA knee" as Delegate
- 12th Nov 2017.Cadaveric Workshop on Total Knee Arthroplasty at Murshidabad Medical College . Lecture as faculty on "Templating in TKR"
- 18th Nov 2017. Cadaveric workshop on "Laterjet operation" at NRSMCH. As faculty and cadaveric table demonstrator.

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

- Regular activities like Seminar, Journal club, Clinical Case Presentation etc held in the seminar room of our department.
- Monthly seminar of Sports Medicine held in every first or third Wednesday.

- PGT's orientation programme
- Conducted MS (Ortho) Examination on 21st & 22nd June, 2017.
- Conducted DNB (Ortho) Examination on 3rd & 4th Nov, 2017.
- Monthly Tumor Board meeting held in every 3rd Saturday.
- Seminar on fractures around ankle 15/09/17 (Dr. Arghya Kusum Roy)
- Seminar on Bone Substitute held on 17/10/17 (Dr. Vaibhav Singh)
- Seminar on Fracture healing on 27/10/17 (Dr. Avijit Basak)
- Seminar on Pain management on 10/11/17 (Dr. Ayon Ghosh)
- Seminar on role of Teriparatide in Osteoporosis 21/11/17 (Dr. Ayon Ghosh)
- Webinar conducted on Ankle fracture in June 2017 at Ortho Seminar room, IPGME&R
- Workshop on ATLS conducted in May 2017 by Dr. Anjan Pan & Prof. A K Pal.

Theses work in progress

Dr. Debanjan Adak	Evaluation of results of closed reduction and internal fixation of intertrochanteric fracture of femur with dynamic hip screw by minimally invasive procedure.
Dr. Argha Kusum 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 fractures in adult.
Dr. Ramhari Dutta	Comparative evaluation of results of close reduction and external fixation versus open reduction and internal fixation for distal humerus fractures in adult patients.
Dr. Abhay Sarkar	Comparative evaluation of osteosynthesis using TENS and Ender's nail in diaphyseal femur fractures in pediatric age group.
Dr. Mujibar Rahaman Mullick	Evaluation of results of gradual distraction technique for correction and functional recovery of neglected CTEV.
Dr. Chetan	Comparative evaluation of results of close reduction and external fixation versus open reduction and internal fixation for tibial plateau fractures in adult: a study in a tertiary care centre in eastern India.
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.

Paper presentation In WBOA-MIDCON, 2017

- Dr. Debanjan Adak - Journey of replacement arthroplasty in a case of malunited proximal shaft femur and ankylosed hip joint.
- Dr Ayon Ghosh - A case of distal radius fracture treated by percutaneous pinning and non wrist spanning external stabilizing system.
- Dr. Arghya Kusum Roy - Evaluation of result of single bone forearm in a case of chronic osteomyelitis of ulna with bone loss.

Paper presentation in WBOACON, 2017

- Dr. Debanjan Adak - Evaluation of results of cannulated cancellous screw in displaced calcaneal fracture.

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 - 189567.

No of Patients operated in Emergency Orthopedics OT - 1453

No of Patients operated in Orthopedics Main OT - 1798

No of Patients admitted in Orthopedics Ward - 4215

Joint Replacements (last one year)

- THR - 29
- TKR - 5
- TER - 6
- Total knee mega prosthesis - 1

Arthroscopic Operations (last one year)

- ACL reconstruction - 41
- Repair in case of shoulder instability - 1

Spinal Surgery done (last one year) – 1

Deformity correction by Illizarov fixator – 9

Pediatric Medicine

Faculty

Dr. Supratim Datta	DCH, MD	Professor & Head
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. Mandira Roy	MD	Senior Resident
Dr. Arnab Halder	DCH	Senior Resident
Dr. Parichay Bera	DCH	Senior Resident

Promotion, joining and transfer of faculty

- Dr. Dipankar Gupta, Assoc. Professor has been transferred to North Bengal Medical College.
- Dr. Sanjana Samanta and Dr. Suprit Basu have joined to the post of RMO-cum clinical tutor.
- Dr. Koushik Pramanick, RMO-cum clinical tutor has submitted resignation from service.
- Dr. Arup Kumar Roy, Dr. Gargi Das, Dr. Anu Garg and Dr. Bappaditya Das have resigned from the post of Senior Resident.
- Dr. Mandira Roy, Dr. Arnab Halder and Dr Parichay Bera have joined to the post of Senior Resident.

Passed Out Post Graduate Students in 2017

Dr. Sudipta Dhak, Dr. Partha Pratim Pal, Dr. Joydev Kisku [Session 2014-17] passed MD Paediatrics examination.

Present Postgraduate Trainees

The intake has been increased from 4 to 9 MD seats per year from 2017

Session 2015-18	Session 2016-19	Session 2017-20
<ul style="list-style-type: none"> • Dr. Arpan saha • Dr. Moumita Biswas • Dr. Asha Kalwar • Dr. Rabindranath Dass 	<ul style="list-style-type: none"> • Dr. Jayati Das • Dr. Ranjabati Datta • Dr. Soumi Bag • Dr. Kaushambi Basu 	<ul style="list-style-type: none"> • 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 Malgop

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

- Dr. Arpan saha – An Epidemiological and Clinico-pathological Study of Pediatric Vasculitis in a tertiary Referral Center of Eastern India
- Dr. Moumita Biswas – Study on risk factors for relapse in childhood nephrotic syndrome
- Dr. Asha Kalwar-Study of association between respiratory tract infection and serum 25(OH) Vitamin D3 level in children of a tertiary care hospital.
- Dr. Rabindranath Dass – A study of clinico-etiological profile and neuro-imaging of children with acute seizure admitted in a tertiary care hospital in Eastern India
- Dr. Jayati Das - A Study On The Clinico-Epidemiological Profile And Outcome Of Pediatric Snake Bite Victims In A Tertiary Referral Centre
- Dr. Ranjabati Datta - study on prevalence of pulmonary hypertension in thalassaemia
- Dr. Soumi Bag - Efficacy and safety of rituximab therapy in difficult to treat nephrotic syndrome
- Dr. Kaushambi Basu - Study on clinico-epidemiological profile of HLH & outcome in children in a tertiary care hospital.

Academic achievements of PGTs and UG students in last 1year

Conference /CME Presentation and Awards

- Dr. Arpan Saha, 3rd year PGT, was awarded 3rd prize in the e-poster presentation titled "Profile of juvenile dermatomyositis from a tertiary centre of eastern india" in the 'Pedicon 2017',Bangalore, 54th national conference of Indian Academy of pediatrics.
- Dr. Arpan Saha, 3rd year PGT, was awarded "Best Poster paper" in the presentation titled "An Epidemiological and Clinico-pathological study of Pediatric Vasculitis in a Tertiary Referral Centre of Eastern India." in "15th National Conference of Pediatric Rheumatology"
- Dr. Moumita Biswas, 3rd year PGT, stood First in the case presentation in the WBAP Clinical meeting.
- Dr. Moumita Biswas, 3rd year PGT, presented Poster titled 'Study on risk factors for relapse in childhood nephrotic syndrome in a tertiary care centre of eastern India in the 'WBPEDICON,Kolkata.
- Dr. Asha Kalwar, 3rd year PGT, presented award paper on topic 'study of association between respiratory tract infection and vitamin D level' in the 'WBPEDICON,Kolkata
- Dr. Asha Kalwar, 3rd year PGT, presented poster titled 'A Case of Juvenile Idiopathic Arthritis associated Interstitial Lung Disease (JIA-ILD), an equivalent of adult Rheumatoid Arthritis associated ILD (RA-ILD) in National conference in Pediatric Rheumatology(NCPR)2017.
- Dr.Soumi Bag,2nd year PGT,Presented e-poster 'Langerhans cell histiocytosis: an experience at a tertiary care centre in eastern India' at PHOCON 2017, kolkata
- Dr. Kaushambi Basu, 2nd year PGT, 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. Ranjabati Datta,2nd year PGT presented poster titled "A case of Superior Mesenteric Artery Syndrome in Juvenile Dermatomyositis in a girl: a Rare Presentation' in National conference in Pediatric Rheumatology,(NCPR) 2017.
- Among the final year MBBS students, Sankha Gayen was selected as senior Class Assistant in Pediatrics. Debroop Sengupta and Chandramouli Goswami were selected as junior class assistant jointly.

Departmental publications

1. Sarkar S, Mondal T, **Saha A**, Mondal R, Datta S. Profile of Pediatric Idiopathic Inflammatory Myopathies from a Tertiary Care Center of Eastern India. Indian J Pediatr. 2017 Apr;84(4):299-306.
2. Misra S, Sarkar S, **Saha A** .Atypical Manifestation of Dengue: Clinical Profile and Outcome in a Tertiary Care Hospital of Eastern India. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) 2017;16:34-3
3. **Saha A**, Sarkar S. Recurrent Kawasaki Disease. Accepted in Indian J Pediatr.
4. **Saha A**, Sarkar S, ,Mondal P, Sarkar R,Datta S. Recurrent Gastro-intestinal bleeding unfolded as Heyde's Syndrome . Accepted in Indian J Pediatr.
5. Datta (Kanjilal) S, Misra(Roy) S, **Kalwar A**. Hypereosinophilic Syndrome with Loffler Endocarditis, A Rare Case of Heart Failure in A Child. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS),vol. 16, no. 10, 2017, pp. 30-32.

Participations

- Dr Arpan Saha and Dr. Moumita Biswas , both 3rd year PGTs represented the Institute in the NNF PG QUIZ State round at NRS Medical College and Hospital.
- Dr. Kaushambi Basu and Dr. Habib Rahaman, 2nd year and 1st year PGT respectively, represented the Institute in the inter college round of IAP PG Quiz at Burdwan Medical college
- Niladri Das and Sudipto Chakraborty, final year MBBS students participated in the inter college IAP UG Quiz at Institute of child Health.
- PGTs participated in the training program of Basic Life Support and IAP-Advance life support.

Departmental Research Project-

'Study on Genetic and Epidemiological Risk Factors Associated with Down Syndrome Birth' in collaboration with Cytogenetics & Genomics Research Unit Department of Zoology, University of Calcutta

FACULTY NEWS

Prof. Supratim Datta

Publications

1. Sarkar S, Mondal T, Saha A, Mondal R, **Datta S**. Profile of Pediatric Idiopathic Inflammatory Myopathies from a Tertiary Care Center of Eastern India. Indian J Pediatr. 2017 Apr;84(4):299-306.
2. Sarkar S , Alam M, Das G, **Datta S**. Changes in inflammatory markers and disease activity in JIA Indian J Pediatr. 2017; 84(5):349-356.
3. A study of antimicrobial use in children admitted to pediatric medicine ward of a tertiary care hospital, Indian Journal of Pharmacology Vol – 49:10;5, 2017
4. A Study of knowledge, attitude and practice regarding administration of pediatric dosage forms and allied health literacy of caregivers for children Journal of Family Medicine and Primary care January 2017.
5. Saha A, Sarkar S, ,Mondal P, Sarkar R, **Datta S**. Recurrent Gastro-intestinal bleeding unfolded as Heyde's Syndrome . Accepted in Indian J Pediatr.

Conference participation

- Chairperson in the CME of Indian diabetic association on insulin discovery day on 30.07.17 in Kolkata.
- Chairperson of 36th WBPEDICON, the November, 2017
- Speaker in WBPEDICON in siliguri on 4th November 17 on bleeding child
- Delegate in the 15 th National Conference of Pediatric Rheumatology, held at Swavumi, Kolkata on 28-29th October,2017
- Delegate in the Phocon in Kolkata, Pediatric Neurology CME, Park Children, Kolkata
- Presented E-poster and Posters as Co-author in Pedicon 2017(Bangalore) and National Ped Rheumatology Conference (NCPR)(Kolkata) and awarded.

Other activities

- Convenor of MD Pediatric medicine exam of WBUHS, May 2017
- Post graduate question paper setter, MD of WBUHS, WB

Prof. Sumana (Datta) Kanjilal

Publications

1. 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.
2. **Datta (Kanjilal) S**, Misra(Roy) S, Kalwar A. Hypereosinophilic Syndrome with Löffler Endocarditis, A Rare Case of Heart Failure in A Child. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), vol. 16, no. 10, 2017, pp. 30-32.

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.
3. A study to assess the validity of Gene Xpert as a diagnostic test for Tuberculosis in pediatric age group in a tertiary care hospital in Kolkata.

Examiner

- Examiner -MD (Pediatrics), State Medical College, Agartala, Tripura- April, 2017
- Examiner- MD (Pediatrics) Examination of WBUHS- June ,2017
- Examiner - MD (Pediatrics) Examination (Suppl.) of WBUHS- October, 2017
- Paper setter - MD (Pediatrics) State Medical College, Agartala, Tripura, 2017
- Moderator - MD (Pediatrics) State Medical College, Agartala, Tripura, 2017
- Paper setter- MBBS Examination of West Bengal University of Health Science, 2017

Conference participation

- Participated as chairperson of 36th Conference of WBAP, held on 5th & 6th November, 2017.
- Participated as Judge of Award paper session of 36th Conference of WBAP, held on 5th & 6th November, 2017.
- Participated as chairperson of WBNNF state conference of the session Neonatal Emergency ,
- Participated in various CME and clinical meetings of WBAP & others.

Others academic activities:

- Guide of theses of postgraduate students and adjudicator of MD (Pediatrics) theses of WBUHS.
- Guided the presentation of oral paper by PGT on 'A study on association between respiratory tract infection and serum 25 (OH) vitamin D3 level in children of a tertiary care hospital' in 36th Conference of WBAP, held on 5th & 6th November, 2017.
- Guided the presentation of poster paper by PGT on ' Superior Mesenteric Artery Syndrome in a child with Juvenile Dermatomyositis' in the National Rheumatology conference, held on October, 2017.
- Member of Advisory Committee of 36th WB Pedicon, November, 2017 .
- Co- Investigator in approved Phase III/IV trials of MR and Flu Vaccines

Prof. Mrinal Kanti Das

Publications

1. Nandi M, Hazra A, **Das MK**, Bhattacharya S, Sarkar UK. Infectious mononucleosis due to epstein-barr virus infection in children: A profile from eastern India. Med J DY Patil Univ [serial online] 2017 [cited 2017 Dec 11];10:438-44

Conference Participation

- Participated as speaker & chair person in National Conferences, GDBP (Growth, Development & Behavioural Pediatrics) and Pediatric Rheumatology , sub-chapter of IAP.
- Faculty in 23 East-Zone & 35 W.B.PEDICON, NOV, 2016, W.B. Academy of Pediatrics .
- Faculty in National conference of Pediatric Rheumatology, 2017
- Faculty in WHO Workshop for medical administrators of WB on Case Based Measles-Rubella Surveillance held on July ,2017
- 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 :
 1. S.S.Univ. of Health Sciences, Assam.
 2. Manipur University, Imphal.
 3. 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-PGIMSIR & Medical College, Joka, Kolkata.

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 chikungunya under National Vector born disease control Program.
- Attended Pediatric HIV CME at Medical College, Kolkata

Examiner:

- Acted as external Examiner MBBS under WBHUS at R G Kar Medical College
- Guide of Post-graduate (M.D. Ped) student and adjudicator of post graduate thesis.

Dr. Sumantra Sarkar

In charge of Pediatric Pulmonology and Rheumatology special clinic

Publications

1. De A, **Sarkar S**, Sharma N, Ansari A, Reja AH, Sarda A. BCG-induced disseminated mycobacterial infection of skin and bone in an otherwise immunocompetent child. Indian J Dermatol 2017; 62:519-23.
2. Misra S, **Sarkar S**, Saha A. Atypical Manifestation of Dengue: Clinical Profile and Outcome in a Tertiary Care Hospital of Eastern India. Journal of Dental and Medical Sciences.2017; 16 (9):34-37

3. Samanta M, Nandi M, Mondal R, Hazra A, **Sarkar S**, Sabui T. Childhood lupus nephritis: 12 years of experience from a developing country's perspective. Eur J Rheumatol 2017; 4: 178-83.
4. **Sarkar S**, Alam M, Das G, Datta S. Changes in inflammatory markers and disease activity in JIA Indian J Pediatr. 2017; 84(5):349-356.
5. **Sarkar S**, Mondal T, Saha A, Mondal R, Datta S. Profile of Pediatric inflammatory myopathies from the tertiary center of Eastern India. Indian J Pediatr. 2017; 84(4):299-306.
6. **Sarkar S**, Misra S, Nandi M, Mondal R. A Misplaced Intramuscular Injection and Limb Threatening Ischemia. Accepted for publication in the Journal of Family Medicine and Primary Care.
7. Saha A, **Sarkar S**. Recurrent Kawasaki Disease. Accepted for publication in Indian J Pediatr.
8. **Sarkar S**, Basu K, Das J, Datta S. Abrus precatorius poisoning and central pontine myelinolysis. Accepted for publication in J Pediatr Neurosci.
9. Saha A, **Sarkar S**, Mondal P, Sarkar R, Datta S. Recurrent Gastro-intestinal bleeding unfolded as Heyde's Syndrome . Accepted in Indian J Pediatr.

Reviewer of journals

1. Indian Journal of Public Health
2. International Journal of Nursing and Midwifery
3. Saudi Journal of Kidney Disease and transplantation

Invited speaker

- Delivered Lecture as a resource person in the Refresher Course in Life Sciences for College and University teachers at Bullygunge Science College, organized by Human Resource Development Centre/Academic Staff College, University of Calcutta on the topic of 'Asthma : Lets Fight Together' [4th January, 2017]

Conference participation

- "Faculty Panelist" in the session of 'DMARD s in Juvenile Idiopathic Arthritis' at the 15th National Pediatric Rheumatology Conference and workshop of Pediatric Rheumatology Society at Swabhami, Kolkata [27th -29th October, 2017]
- Presented E-poster and Posters as Co-author in Pedicon 2017(Bangalore) and National Ped Rheumatology Conference (NCPR)(Kolkata) and awarded.

Organizational activities

- Acted as Joint Organizing Secretary in 15th National Conference of Pediatric Rheumatology, held at Swavumi, Kolkata on 28-29th October, 2017
- Organized WBAP Clinical Meeting at IPGMER [30th November, 2017]

State level training programs attended

- Attended Mid Level TOT on MAA (Mothers absolute affection) at NRSMCH [7th-13th August, 2017]

State level facilitator

- Attended as a Resource person and Facilitator in the 'MAA training program' at IPGM&ER, Kolkata 22nd-23rd November, 2017.
- Attended as a Resource person and Facilitator in the 'Integrated Management of Severe Acute Malnutrition (IMSAM)' at Swasthyabhavan 26th -27th July, 2017

Other activities

- Principal Investigator in approved Phase III/IV trials of MR and Flu Vaccines
- Certificate in Post Graduate Pediatric Nutrition (Boston University)
- Guide of Post-graduate (M.D. Ped) student
- Post Graduate Thesis Adjudicator
- Examiner Final M.B.B.S Examination Part II (Pediatrics) under West Bengal University of Health Science, Kolkata

Dr. Sarbani Roy Misra

Publications

- **Misra S**, Sarkar S, Saha A. Atypical Manifestation of Dengue: Clinical Profile and Outcome in a Tertiary Care Hospital of Eastern India. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) 16.9(2017): 34-37.
- Datta (Kanjilal) S, **Misra(Roy) S**, Kalwar A. Hypereosinophilic Syndrome with Löffler Endocarditis, A Rare Case of Heart Failure in A Child. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), vol. 16, no. 10, 2017, pp. 30-32.
- Sarkar S, **Misra S**, Nandi M, Mondal R. A Misplaced Intramuscular Injection and Limb Threatening Ischemia accepted for publication in the Journal of Family Medicine and Primary Care

Conference and Training Programs attended

- **Delegate** in 54th PEDICON held in Bangalore on January 19-22, 2017.
- Delegate in 15th National Conference of Pediatric Rheumatology held on October 28th & 29th, in Kolkata.
- **Delegate** in 21st Annual Conference of PHOCON held on November 24-26, in Kolkata.

Dr. Subham Bhattacharya

In Charge of Specialty clinic of Pediatric Hematology

Publications

1. Nandi M, Hazra A, Das MK, **Bhattacharya S**, Sarkar UK. Infectious mononucleosis due to Epstein-Barr virus infection in children: A profile from eastern India. Med J DY Patil Univ [serial online] 2017 [cited 2017 Dec 11];10:438-44

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

Nodal officer (IPGIMER and SSKM Hospital Unit) for WHO-AFP surveillance program.
Completed course on Post Graduate Pediatric Nutrition (Boston University)

Dr. Sananda Pati

Passed MRCPCH

Dr. Sanjana samanta

Co- Investigator in approved Phase III/IV trials Flu Vaccines

Dr. Suprit Basu

- Passed DNB (Pediatrics)
- Presented Poster titled 'Developmental follow up of High Risk Infants in a Tertiary Care Center' at Pedicon 2017 at Bangalore.
- Co- Investigator in approved Phase III/IV trials of MR and Flu Vaccines
- Publication:
Sarkar U, Chatterjee a, **Basu S**, Datta I. Ecocardiographic evaluation of Complete and incomplete Kawasaki in terms of coronary and non-coronary involvement. JCMS. Vol 13(1):220-4

Dr. Mandira Roy

- Presented oral paper in RHEUMATOCON'17

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 – **5155**
[4141 in 2016, 2945 in 2015 and 2550 in 2014]
- Total annual death in Pediatric ward – **117 (2.27%)**
[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 **448** [366 in 2016, 360 in 2015 , 179 in 2014]
- Total patient ventilated **136** [140 in 2016, 132 in 2015 , 74 in 2014]
- Total patient recovered from critical illness **262** [262 in 2016, 265 in 2015, 130 in 2014]
- Patient survival rate **58.48%** [71.58% in 2016, 73.61 % in 2015, 72.6 % in 2014]
- Survival of ventilated patient **46.22%** [49.3% in 2016, 49.3 % in 2015, 43.6 % in 2014]

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: **46356** [44686 in last year ie.1670 more than the previous year]
- Old patients – **23580** [21114 in 2016, 11742 in 2015]
- New patients – **25353** [23572 in 2016, 20893 in 2015]

Admission Days

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

Specialty Clinics

Specialty Clinics	In Charge	Days and time
Pediatric Pulmonology	Dr Sumantra Sarkar	Saturday (1- 2 pm)
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

Faculty

Dr. Ruchirendu Sarkar MS, MCh
Dr. Rishavdeb Patra MS, MCh
Dr. Sujitesh Saha MS, MCh
Dr. Janaki Bisht MS, MCh
Dr. Rajarshi Kumar MS, MCh
Dr. Sujay Pal MS, MCh
Dr. Alope Kumar Sinha Babu MS, MCh
Dr. Aneek Roychoudhury DNB, MCh

Professor & Head
Associate Professor
Associate Professor
Assistant Professor
Clinical Tutor
Clinical Tutor
Clinical Tutor
Senior Resident

Postdoctoral (MCh) trainees

Dr. Avijit Mitra MS

MCh Trainee (3rd year)

Passed out postdoctoral (MCh) trainees

Dr. Aneek Roychoudhury DNB, MCh and Dr. Nirup Biswas MS, MCh

FACULTY NEWS

Dr. Ruchirendu Sarkar

Conference attended:

- 37th Annual Conference of West Bengal Chapter of IAPS PSACON 2017 at NRSMCH, Kolkata, Dec 2016.
- 43rd Annual conference of the Indian Association of Pediatric Surgeons, Kolkata, Sep 22-24, 2017
- PHOCON 2017, Surgical oncology chapter of IAPS annual meeting, Kolkata, 24-25, 2017.

Publications:

- A prospective study of treatment of problematic infantile hemangiomas and its outcome. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) 2017; 16(10): 40-6.

Dr. Rishavdeb Patra

Conference attended:

- 37th Annual Conference of West Bengal Chapter of IAPS PSACON 2017 at NRSMCH, Kolkata, Dec 2016.
- 43rd Annual conference of the Indian Association of Pediatric Surgeons, Kolkata, Sep 22-24, 2017
- PHOCON 2017, Surgical oncology chapter of IAPS annual meeting, Kolkata, 24-25, 2017.
- PESICON 2017, 12th Annual conference cum workshop of Pediatric Endoscopic Surgeons – India, Vishakhapatnam, Feb 17-19, 2017.

Publications:

- Plagiarism and its effect on pediatric surgery publications. Journal of Indian Association of Pediatric Surgeons 2017; 22: 199-201.
- Bipolar. Journal of Indian Association of Pediatric Surgeons 2017; 22: 260.
- Leydig cell tumor of testis in a child; An uncommon presentation. Journal of Indian Association of Pediatric Surgeons 2017; 22: 181-3.

Dr Janki Bisht

Conference attended:

- 37th Annual Conference of West Bengal Chapter of IAPS PSACON 2017 at NRSMCH, Kolkata, Dec 2016.
- 43rd Annual conference of the Indian Association of Pediatric Surgeons, Kolkata, Sep 22-24, 2017
- PHOCON 2017, Surgical oncology chapter of IAPS annual meeting, Kolkata, 24-25, 2017.

Publications:

- A prospective study of treatment of problematic infantile hemangiomas and its outcome. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) 2017; 16(10): 40-6.

Dr. Sujitesh Saha

Conference attended:

- 37th Annual Conference of West Bengal Chapter of IAPS PSACON 2017 at NRSMBCH, Kolkata, Dec 2016.
- 43rd Annual conference of the Indian Association of Pediatric Surgeons, Kolkata, Sep 22-24, 2017
- PHOCON 2017, Surgical oncology chapter of IAPS annual meeting, Kolkata, 24-25, 2017.

Dr. Rajarshi Kumar

Publications:

- Laparoscopy in the evaluation of impalpable testes and its short-term outcomes: A 7 years' experience. Journal of Indian Association of Pediatric Surgeons 2017; 22(4): 232-236.
- A prospective study of treatment of problematic infantile hemangiomas and its outcome. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) 2017; 16(10):40-46.
- Dorsal lumbotomy approach for pediatric dismembered pyeloplasty. Pediatrics & Health Research 2017; 2(1): 3-6.
- A clinicopathological study of colorectal atresia. Pediatrics & Health Research 2017; 2(3): 15-20.

Dr. Sujay Pal

Conference attended:

- 37th Annual Conference of West Bengal Chapter of IAPS PSACON 2017 at NRSMBCH, Kolkata, Dec 2016.
- 43rd Annual conference of the Indian Association of Pediatric Surgeons, Kolkata, Sep 22-24, 2017
- PHOCON 2017, Surgical oncology chapter of IAPS annual meeting, Kolkata, 24-25, 2017.

Dr. Alope Kumar Sinhababu

Conference attended:

- 37th Annual Conference of West Bengal Chapter of IAPS PSACON 2017 at NRSMBCH, Kolkata, Dec 2016.
- 43rd Annual conference of the Indian Association of Pediatric Surgeons, Kolkata, Sep 22-24, 2017
- PHOCON 2017, Surgical oncology chapter of IAPS annual meeting, Kolkata, 24-25, 2017.

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

Total OPD cases	Total admissions	Total operations
New: 7802 Old: 9102	1197	1368

Pathology

Faculty

Dr. Chhanda Datta	MBBS, MD	Professor and HOD
Dr. Mamata Guha Mallick	MBBS, MD	Professor
Dr. Madhumita Mukhopadhyay	MBBS, MD	Professor
Dr. Asim Kumar Manna	MBBS, Dip. BMS, MD	Professor
Dr. Uttara Chatterjee	MBBS, MD	Professor
Dr. Suchandra Ray	MBBS, MD	Associate Professor
Dr. Debasish Chakraborty	MBBS, MD	Associate Professor
Dr. Rama Saha	MBBS, DGO, MD	Associate Professor
Dr. Keya Basu	MBBS, MD	Associate Professor
Dr. Mou Das	MBBS, DGO, MD	Assistant Professor
Dr. Ram Narayan Das	MBBS, MD	Assistant Professor
Dr. Manisha Sarkar	MBBS, MD	Assistant Professor
Dr. Chhanda Das	MBBS, MD	Assistant Professor
Dr. Moumita Sengupta	MBBS, MD	Assistant Professor
Dr. Biswajit Kundu	MBBS, DO	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
Dr. Tarun Biswas	MBBS, MD	Demonstrator

Postgraduate Trainees (MD Students)

Session 2015-18	Session 2016-19	Session 2017-20
<ul style="list-style-type: none"> Dr. Priyanka Maity Dr. Tamanna Parvin Dr. Diya Das Dr. Ananya Biswas Dr. Nelofar Islam Dr. Soumendra Mishra Dr. Soumya Kanti Pramanik Dr. Tushar Kanti Das Dr. Pratap Mondal Dr. Sucharita Sarkar 	<ul style="list-style-type: none"> Dr. G Vinay Anand Dr. Chandradeep Mallik Dr. Kavita Jain Dr. Banhisikha Kanjilal Dr. Srijita Biswas Dr. Ashish Jha Dr. Suparna De Dr. Afreen Nahar Begum Dr. Tribarna Sinha 	<ul style="list-style-type: none"> Dr. Sudip Roy Dr. Sreejita Mridha Dr. Saroj Singh Dr. Anindita Mondal Dr. Sudeshna Ganguly Dr. Saswati Sengupta Dr. Moupali Ghosh Dr. Samares Sardar Dr. Subhrajyoti Karmakar

FACULTY NEWS

- Prof. Chhanda Datta has acted as an MD examiner in the same institute in the last academic session.
- Prof. Mamata Guha Mallick (Sinha) has acted as an external examiner in MD pathology examination at Sri Krishna Medical College, Muzaffarpur & has also been an examiner for 2nd MBBS professional examination in Silchar and MGM Medical College, Kishanganj.
- Prof. Madhumita Mukhopadhyay has acted as an external examiner in DNB pathology examination in Government Medical College, Chandigarh and Government Medical College, Bangalore in 2017.

- Prof. Asim Kumar Manna has acted as an external examiner in MD pathology examination at Silchar Medical College, Assam and internal examiner of MBBS examination under WBUHS in 2017.
- Prof. Uttara Chatterjee delivered lectures in case based learning programme at NPSICON, Bangalore in April 2017 and in the Tata Medical Centre, Kolkata, West Bengal.
- Dr. Debasish Chakraborty has acted as an Thesis Adjudicator of M.D. examinee in Silchar Medical College, Assam in 2017.
- Dr. Suchandra Ray has acted as an external examiner in Barpeta Medical College, Assam.
- Dr. Keya Basu acted as internal examiner of DMLT final examination under State Medical Faculty.
- Dr. Chhanda Das has enrolled for a Ph.D under Calcutta University in 2016 and continuing it.

Regular academic activities

Apart from classes of MBBS & MD pathology courses, pathology lecture classes of BPT, BSc (Nursing) and DMLT, DPFT courses are taken by the teachers.

Slide spotting and discussions for the post graduate students are held on the 1st Wednesday of each month. Journal clubs and Seminars/Microteachings are held in every Thursdays with presence of all faculty members and postgraduate students. Different teachers of our department act as co-guides in thesis of other disciplines. Many teachers act as adjudicators of MD pathology thesis also.

Prof. D. N. Lanjewar, from Grant Medical College, Mumbai, delivered a lecture on the importance of autopsy in cases with HIV infection.

Student and research scholar information

10 students have successfully completed MD Pathology course in 2017.

One PhD student Ms. Mandira Sil doing research on oncogenic activity in Hirschprung disease under guidance of Prof. Madhumita Mukhopadhyay.

Total of 35 publications have been accepted & published in different national and international journals by faculties and M.D. students during the period from 1st January to November, 2017.

MD thesis work ongoing

Student	Guide	Topic
Dr. Priyanka Maity	Dr. Debasish Chakraborty	Evaluation of squash cytology of lesions of spinal cord and surrounding tissue and co relation with histopathology with special reference to Ki67 and P53.
Dr. Tamanna Parvin	Prof. Manoj Kr. Chaudhuri	Study of Cyclin D1 as a prognostic marker in invasive breast carcinoma and its correlation with other prognostic and predictive factors.
Dr. Diya Das	Dr. Chhanda Datta	Immunohistochemical markers for diagnosis and prognostication of prostatic adenocarcinoma: a core needle biopsy based study in a tertiary care hospital of eastern India
Dr. Ananya Biswas	Dr Keya Basu	Evaluation of diagnostic and prognostic role of TIRADS classification, Bethesda classification, histopathological examination and serological markers in a solitary thyroid nodule.
Dr. Nelofar Islam	Prof. Uttara Chatterjee	Correlation between FNAC and trucut biopsy in pediatric soft tissue tumors with special reference to immunohistochemistry.

Dr. Soumendra Mishra	Dr. Suchandra Ray	Cytological and histological correlation of salivary gland tumors among patients presenting in a tertiary care hospital and role of immunostains (P-63, Calponin & Ki-67) in the diagnosis.
Dr. Soumya Kanti Pramanik	Prof. Dr. M. G. Mallick (Sinha)	Clinico-pathological evaluation of malignant epithelial ovarian tumours and their correlation with serum amylase and tumour markers CA 125, CA 19-9; Along with tissue expression of CK 7, CK 20 and WT 1.
Dr. Tushar Kanti Das	Dr. Rama Saha	Clinicopathological study of mediastinal mass lesion along with special reference to immunostain OCT3/4, LCA & S-100.
Dr. Pratap Mondal	Prof. Madhumita Mukhopadhyay	Spectrum of pituitary tumor in a tertiary care hospital with evaluation of prognostic utility of MGMT, Ki-67 & p-53 expression.
Dr. Sucharita Sarkar	Prof. A. K. Manna	Cytological, histological, immunohistochemical study of ascitic fluid with special reference to differential diagnosis.
Dr. G. Vinay Anand	Prof Dr. M.G. Mallick (Sinha)	Study of clinicopathological variables in periampullary tumors with special reference to Ki67 proliferative index and intratumoral microvessel density.
Dr. Chandradeep Mallik	Prof. A. K. Manna	A study of platelet indices in differential diagnosis of thrombocytopenia.
Dr. Kavita Jain	Prof. Chhanda Datta	Role of liquid based cytology in diagnosis of urothelial carcinoma with special reference to urinary biomarkers in a tertiary care hospital.
Dr. Ashish Jha	Dr. Suchandra Ray	Changes in endometrium in perimenopausal and post menopausal women with prognostic and diagnostic significance of p53 and PTEN in hyperplastic and neoplastic lesions.
Dr. Banhisikha Kanjilal	Prof. Uttara Chatterjee	Utility of cell block preparation in diagnosis of pediatric abdominal neoplasms with special reference to immunohistochemistry.
Dr. Srijita Biswas	Dr. Debasish Chakrabarty	Correlation of epithelial changes of fallopian tube with surface epithelial tumors of ovary with reference to KI 67 and p53 immunostain.
Dr. Suparna De	Dr. Keya Basu	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. Afrin Nahar Begum	Dr. Rama Saha	Clinicopathological study of ovarian neoplasm in a tertiary care hospital with special reference to HE4 immunohistochemical expression.
Dr. Tribarna Sinha	Prof. Madhumita Mukhopadhyay	Spectrum of EGFR mutation and ALK rearrangement in non small cell carcinoma of lung.

SERVICE INFORMATION

Department of Pathology: From January 2017 to November 2017

Routine Investigations (Central laboratory)	
Blood (CBC)	65286
Urine	28180
CSF & Other fluids	3150
Malaria	6205
PT/APTT	23700
Blood grouping	6500
Total	133021
Histopathology	
Specimen	9055
Slides (Routine)	34510
Slides (Special stains)	420
Slides (Review)	520
IHC (academic work)	640
IHC (routine)	485
Total	45630
Hematology	
Blood	45686
Bone Marrow asp & biopsy	720
Special tests	9210
Total	55616
Cytopathology	
FNAC including CT & USG guided and review	3340
Fluid & exfoliative cytology	4860
Review	210
Total	8410
Serology, chemical pathology and HLA typing	558
Grand total	243235
Thalassemia screening	
Total screened	3304
Normal	2581
β thalassemia carrier	230
HbE carrier	55
HbS carrier	5
β thalassemia	08
HbS- β thalassemia	2

Pharmacology

1. Staff & Scholars

Faculty

Prof. Amal Kanti Das MBBS, MD
 Prof. Mitali Chatterjee MBBS, MD, PhD, MAMS
 Prof. Suparna Chatterjee MBBS, DTMH, MD
 Prof. Avijit Hazra MBBS, MD
 Dr. Amrita Sil MBBS, MD
 Dr. Avjit Kundu MBBS, MD
 Dr. Tridib Kumar Ray MBBS
 Dr. Chaitali Sengupta MBBS
 Dr. Sreya Todi MBBS
 Dr. Sarbajit Mazumder MBBS
 Dr. Nafisha Yasmin MBBS, MD
 Dr. Manjari Kumari MBBS, MD
 Dr. Banhisikha Adhikary MBBS, MD

Post / Designation

Professor & Head
 Professor
 Professor
 Professor
 Assistant Professor
 Assistant Professor
 Demonstrator
 Demonstrator (released on 19.07.2017)
 Demonstrator (released on 28.02.2017)
 Demonstrator (between 24.07.2017 to 25.10.2017)
 Demonstrator (joined on 25.03.2017)
 Medical Officer – Specialist (joined on 11.08.2017)
 Medical Officer – Specialist (joined on 12.08.2017)

Postgraduate trainees

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

MD PGT 2015-18
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 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

Research scholars

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

Postdoctoral Research Scholar
 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
 Junior Research Fellow
 Pharmacovigilance Associate – PvPI

Medical Technologists (Laboratory)

Mr. Anup Samanta

M.T. (Lab)

Other non-teaching staff

Mr. Tapan Kumar Ghosh

GDA

2. Transfers and postings

- Dr. Sreya Todi resigned voluntarily from the post of Demonstrator. She was released on 28.02.2017.
- Dr. Chaitali Sengupta, Demonstrator, was released on TR on 19.07.2017. She has joined MS (ObGy) course at R. G. Kar Medical College, Kolkata.
- Dr. Sarbajit Mazumder was released from Anatomy to join the department as Demonstrator on 24.07.2017. He has been detailed to Swastha Bhavan from 25.10.2017.
- Dr. Nafisha Yasmin was appointed as Demonstrator and joined the department on 25.03.2017. This is her first posting.
- Dr. Manjari Kumari and Dr. Banhisikha Adhikary, who completed their MD in Pharmacology in 2017, and are serving their compulsory post-MD bond period were posted to the department as Medical Officer (Specialist), joining respectively on 11.08.2017 and 12.08.2017.

3. Faculty news

Prof. Amal Kanti Das

- Served as Dean of Student Affairs, IPGME&R, Kolkata.
- Served as Member, Library 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.
- Superintendent for DNB Mock and Final Theory Examination at IPGME&R.
- MD Pharmacology Thesis Adjudicator for the West Bengal University of Health Sciences, Kolkata.
- Served as member of various expert panels appointed by Government of West Bengal for inspections and enquiries.

Prof. Mitali Chatterjee

- Elected Fellow, Indian Academy of Sciences, Bangalore, India, FASc.
- Elected Fellow, Royal College of Physicians (London), FRCP.
- Awarded Kshanika Oration Award (for 2013), Indian Council of Medical Research, Govt. of India.
- Invited speaker, 'Immunomodulatory role of oxidative stress in pathogenesis of vitiligo', Society for Free Radical Research, Mumbai, January 2017.
- Invited speaker 'Monitoring of anti-leishmanial therapy in PKDL' Public Health Foundation India, Delhi, January 2017.
- Invited speaker 'Active Case surveillance'; the game changer' Indo-Belgian Workshop, Kolkata
- Invited speaker, "Flow cytometric monitoring of parasitic infections", Indo-US Flow Cytometry workshop, Lucknow, February 2017.
- Invited Speaker 'From Roots to riches...tapping the Indian biodiversity for modulation of oxidative stress in vitiligo' Kalyani University, Nadia.
- Invited speaker 'Post Kala-azar Dermal Leishmaniasis (PKDL) In vivo veritas' Indian Academy of Sciences, Bangalore, June 2017.
- Invited speaker 'Taming Or Enhancing The Generation Of Free Radicals As A Chemotherapeutic Strategy', Gurudas College, Kolkata.
- Invited speaker 'Elimination of South Asian Leishmaniasis is a feasible reality' Foundation Day, NICED, Kolkata
- Invited speaker 'Macrophage signalling in Leishmania infection', Univ. of Vienna, Vienna, Austria, September 2017.
- Invited speaker, 'Improving presentation skills' IDEACON 2017
- Invited speaker "VALIDATE & Leishmaniasis", University of Oxford, Oxford, UK, September 2017
- Invited Speaker "Active Case surveillance"; the game changer in the Leishmaniasis elimination programme"
- Received 'Best Paper Award' , The Cytometry Society for 2017
- Received 'Bishnupriya Devi Award' for the Best Original Article published in the IJDVL for the year 2017.
- Serving as Member, Science & Engineering Research Board SERB, Dept. of Science & Technology, Govt. of India
- Invited Member, Network Management Board, VAccine deVelopment for complex Intracellular neglected pATHogEns (VALIDATE), Univ. of Oxford funded through the Medical Research Council, UK

- Invited 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 Member Convener (Technical), Departmental Technical Advisory Committee (R&D), Dept. of Biotechnology, Govt. of West Bengal.
- President, The Cytometry Society of India, 2015-17.
- 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 and WB Animal & Fishery Sciences, Kolkata.
- 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.

PhDs awarded under supervision of Prof. Mitali Chatterjee in 2017

1. Dr. Susmita Roy
2. Dr. Shibabrata Mukherjee

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	Evaluation of bioenergetic functions in mitochondria of <i>Leishmania</i> parasites and mammalian macrophages,	2017-19	DST, Govt. of India (Indo-Austrian collaboration)
3	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
4	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 Sciences, India (NASI), Allahabad.
- Bishnupriya Devi Award for the Best Original Article (one of the authors) published in the IJDVL for the year 2017.
- Nominated as Member of the National AEFI Committee, Govt. of India
- Member Subject Expert Committee (SEC) for approval of Clinical trials in Reproductive Medicine and Urology, CDSCO, DCGI, Govt of India
- Member, Independent Expert Committee for "SAE of Death", CDSCO, Govt. of India
- Guest faculty of CDSA, THSTI, DBT, Govt. of India sponsored GCP and Ethics awareness workshops at various places in India.
- Member, Signal Review Committee, Pharmacovigilance Program of India (PVPI), Govt. of India.
- Chief Coordinator, Training and Technical Support of Eastern Regional Resource Centre of the Pharmacovigilance Program of India (PVPI), Govt of India.
- Member, Pharmacovigilance Committee, National Institute of Cholera and Enteric Diseases (NICED), an ICMR Institute, Kolkata
- Examiner of MD Pharmacology at various Universities.
- Examiner, paper setter of MBBS examination of AIIMS Raipur, Maharashtra health University, Srimanta Sankaradeva University, Gujarat university, Tripura University, Utkal University, KIIT University and others.
- Member of Institutional Ethics Committee, Institute of Child health Kolkata and of National Institute of Cholera and Enteric Diseases (NICED), an ICMR Institute, Kolkata
- CDSCO East Zone, Govt. of India Clinical Pharmacology expert for regulatory inspection of clinical trial site.
- Convenor of Pharmacovigilance Committee, IPGME&R and SSKM Hospitals, Govt. of West Bengal.

- Member, Fair Price shop Monitoring committee of IPGMER and SSKM Hospital, Govt. of West Bengal
- Member, Purchase and Monitoring committee, IPGMER and SSKM Hospital, Govt. of West Bengal
- Member of the National consultative meeting on undergraduate, postgraduate pharmacology curriculum reforms, School of Tropical Medicine, Kolkata.
- Guest Faculty of NIPER, Kolkata and Postgraduate Diploma course in clinical research, Jadavpur University, Kolkata
- Guest Speaker at WHO sponsored Dissemination and Review Workshop on Case Management, Pharmacovigilance and Progress of Kala Azar Elimination in West Bengal, 20-21st Dec 2017
- Guest Speaker at GCP Workshop, 25th Nov 2017 at JBA BE Centre, Jadavpur University, Kolkata.
- Guest Speaker at Basic Biostatistics and Research methodology Workshop on 13th October 2017, at Calcutta School of Tropical Medicine, Kolkata.
- Resource Person for Research Methodology & Biostatistics Workshop of Medical Education Unit, IPGME&R, on Mar 31-Apr 1, 2017.
- Resource person at Annual Conference of Pharmacology on Prescription Writing Assessment Skills organized by BJ Medical College, Ahmedabad, 18th and 19th August 2017.
- Speaker and panelist at Advanced Training Program in Pharmacovigilance, KEM Hospital and Seth GS Medical College, Mumbai, 24th June 2017.
- Chairperson of a session at the Annual conference of the American Society of Clinical Pharmacology, SEA chapter, Mumbai, 28-30th April 2017.
- Speaker and panelist at National Conference on Pharmacovigilance, LTM Medical College & Sion Hospital, Mumbai, 17th March 2017.
- Invited speaker at WHO sponsored program on "Regional Workshop in Pharmacovigilance of vector borne diseases", Kolkata 16th March 2017.
- Invited speaker at Research methodology Workshop on 10th March 2017, organized by NIIA for AYUSH
- Invited speaker on "Vaccine trials: critical issues" at IPS West Bengal branch sponsored Workshop on "Drug development and safety issue – Current scenario" at Kolkata 23rd Feb 2017.
- Resource person at Preconference at Indian Pharmacological Society Golden Jubilee Conference, IGIMS, Patna 13-15th Feb 2017.
- Guest speaker at Annual Inaugural Golden Jubilee Pre-Conference Workshop of the Indian Pharmacological Society, at IGIMS, Patna, Feb 13th. 2017
- Resource Person at TOT program on Medication Safety on behalf of Hospital Administration Branch, MHFW, Govt. of West Bengal on Nov 1, Nov 9, Nov 24, Dec 12, 2017.

Ongoing research project

- Principal Investigator of DST, Govt. of WB funded project entitled "Evaluation of immunological determinants in patients of vitiligo". Tenure :2016-2019.

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 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.
- Assistant 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 Examiner for KIIT University at Kalinga Institute of Medical Sciences (KIMS), Bhubaneswar.
- MD Pharmacology Thesis Adjudicator for the West Bengal University of Health Sciences, Kolkata and 3 other universities.
- Assistant Superintendent for DNB Mock and Final Theory Examination at IPGME&R.
- DM Clinical Pharmacology Examiner for WBUHS.

- Jan 11: Attended, as faculty, workshop on 'Evidence based dermatology' organized as a PCW to DERMACON-2017 at Science City, Kolkata.
- Feb 11: Attended as faculty 23rd Annual Conference of Association of Chest Physicians of India, West Bengal Chapter, at Swabhumi, Kolkata. Spoke on 'Ethics for Clinicians'.
- Feb 13: Attended as faculty Pre-Conference Workshop on 'Basics of Biomedical Research - Principles and Methods' at Patna Medical College, Patna, as part of Annual Inaugural Golden Jubilee Conference of India Pharmacological Society 2017 (AIGJCONIPS2017). Presented sessions on 'Use of statistics in research' and 'Scientific writing and publication'.
- Feb 14-15: Attended AIGJCONIPS2017 organized by Indira Gandhi Institute of Medical Sciences (IGIMS), Patna, and Bihar Branch of IPS. Presented talk on 'CYP2D6 polymorphism in India' and chaired Achari Prize session. Participated in panel discussion on curriculum reform.
- Feb 21: Participated, as faculty, in GCP workshop organized by Institute of Health & Family Welfare, Kolkata, at VIMS & RKMS Hospital. Spoke on 'Responsibilities of Investigator' and the 'Informed Consent Process.'
- Feb 23: Attended symposium on 'Drug Development and Safety Issues' organized by Department of Veterinary Pharmacology & Toxicology, West Bengal University of Animal & Fishery Sciences, Kolkata, in collaboration with Indian Pharmacological Society, West Bengal Chapter.
- Mar 24-15: Attended East Zone Regional Conference of Indian Pharmacological Society at Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada. Spoke on 'Historical perspectives in pharmacology' and acted as a facilitator for Quiz Session.
- Mar 31-Apr 1: Conducted Research Methodology & Biostatistics Workshop on behalf of Medical Education Unit, IPGME&R.
- Apr 11 & Apr 17: Functioned as Coordinator of Sensitization Program for Interns on 'Communication Skill and Allied Issues' in IPGME&R, Kolkata.
- Apr 12: Participated, as faculty, in the 'Training on ICH-GCP guidelines and Schedule Y' organized by the Institutional Ethics Committee of R. G. Kar Medical College Hospitals, Kolkata.
- Apr 26-27: Participated, as faculty, in the workshop on 'Research Protocol Development' organized by Regional Medical Research Centre (ICMR), Bhubaneswar, for institutes with Government of India sponsored MDRUs.
- Apr 28: Participated, as resource person, in the 'Preconference Workshop I: Prescribing skills training and assessment', in Nehru Centre, Mumbai, organized as part of the 10th Annual Conference of the South Asian College an Affiliate of American College of clinical Pharmacology (SAC ACCP) title 'Clinical Pharmacology for Healthy Ageing'. This workshop was in collaboration with British Pharmacological Society.
- May 10: Participated, as member of IPGME&R team, in the ICMR Antimicrobial Stewardship Program Workshop at Tata Medical Centre, Kolkata, organized by the Indian Council of Medical Research (ICMR), in collaboration with Centers for Disease Control & Prevention (CDC), USA.
- May 13: Presented a session on 'Overview of Clinical Research Ethics' at the RSSDI West Bengal chapter Annual Conference at ITC Sonar, Kolkata.
- May 27-28: Participated in the National Workshop Outcomes Research Methods organized at Medica Hospital, Kolkata, by Calcutta School of Tropical Medicine, Kolkata, in partnership with Forum for Ethics Review Committees in India (FERCI), Indian Pharmacological Society (IPS) West Bengal chapter, ISPOR India Chapter and SATS Academy of Critical Care Medicine.
- Sep 9-10: Served as faculty at the 11th Annual Short Course in Clinical Research Methodology organized by Tata Memorial Hospital, Mumbai.
- Oct 13-14: Served as faculty at 'Workshop on Basic Biostatistics' organized by Indian Pharmacological Society, West Bengal Branch and Department of Pharmacology, School of Tropical Medicine, Kolkata.
- Dec 4: Served as faculty in 'Statistics Using R Workshop' conducted by Dept. of Community Medicine, IPGME&R, Kolkata, in under MEU, IPGME&R, Kolkata.

- Dec 8: Served as faculty at 'East Zone Advanced Level Training Program on Pharmacovigilance' at IPGME&R Kolkata. Program organized by Dept. of Pharmacology, IPGME&R, Kolkata and supported by Indian Pharmacopoeia Commission, Ghaziabad.
- Dec 15: Faculty for 'Evidence based dermatology workshop' organized as pre-conference workshop to the 20th Annual State Conference of Indian Association of Dermatologists, Venereologists & Leprologists (IADVL), WB State Branch. Personated talk on 'Choosing the right statistical test'.

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 2018	DST, Govt. of West Bengal.

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

1. **Mrs. Uma Rani Adhikari** [Staff Nurse, West Bengal Nursing Service]. Assessment of factors associated with non-compliance regarding drugs and lifestyle behaviours in post-renal transplant patients. PhD thesis. The West Bengal University of Health Sciences, Registered 2010. [Co-Supervisor] [Supervisor: Prof. Abhijit Tarafdar, Consultant Nephrologist and former Head, Dept. of Nephrology, IPGME&R, Kolkata]
2. **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]
3. **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 Training program in Pharmacovigilance on 08.12.2017 held at East Zone Regional Centre for training and technical support, Department of Pharmacology, IPGME & R, Kolkata.
- Attended Medical Teachers Training Program at KGMU, Lucknow.

Projects ongoing or recently completed.

SN	Title of the project	Duration	Funding agency
1	Subcutaneous AST in chronic urticaria [Co-Investigator]	2015-16	Nil.

Dr. Avijit Kundu

Conferences attended

- APICON 2017 at Mumbai 25th-28th January.
- APICON 2017 West Bengal Chapter Conference on 26th -28th October.
- IDEACON 2017.
- CSICON 2017 At Kolkata on 30th November -2nd December .
- LEAD CARDIOLOGY UPDATE at Hyderabad on 11th -12th November.

Invited presentations

- Initiation of basal insulin and its dose titration at IMA Titagarh.
- SGLT2 Inhibitors and its present status with reference to CANVAS study at IMA Kalyani.
- DPP4 Inhibitors in Type2 DM at Surakha Polyclinic Barrackpore.
- Antibiotic Resistance in ICU at City Hospital Barrackpore.

Projects ongoing

1. Study on adverse effects of SGLT2 inhibitors along with its glycemic benefit. Being undertaken at Diabetes OPD at IPGME&R, 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.

Publication by faculty, students and research scholars

1. Baidya S, Hazra A, Datta S, Das AK. A study of antimicrobial use in children admitted to pediatric medicine ward of a tertiary care hospital. *Indian J Pharmacol* 2017;49:10-5.
2. Mitra S, De Sarkar S, Pradhan A, Pati AK, Pradhan R, Mondal D, Sen S, Ghosh A, Chatterjee S, Chatterjee M, Levels of oxidative damage and pro-inflammatory cytokines are enhanced in patients with active vitiligo. *Free Radic Res* 2017; 51: 986-994.
3. 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* 2017; doi: 10.1093/cid/cix808.
4. Mitra S, Pati A, Sen S, Chatterjee S, Chatterjee M. Effect of an ethanolic extract of Piper betle leaves on generation of reactive oxygen species in patients with vitiligo. *Ind J Dermatol, Venereol Leprol.* 2017; 83: 40-46.
5. De S, Manna A, Kundu S, De Sarkar S, Chatterjee U, Sen T, Chattopadhyay S, Chatterjee M. Allylpyrocatechol mitigates collagen induced arthritis via modulating the MAPkinase, Nrf2-ARE, STAT1 and STAT3 pathways. *J Pharm Exp Ther* 2017; 360: 249-259.
6. 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.* 2017; doi: 10.1093/carcin/bgx145.
7. BOOK CHAPTER: 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. 2017; pp 81-96.
8. BOOK CHAPTER: Chatterjee M and Ghosh A. Pharmacological manipulation of the immune system. Munjal YP, Editor-in-chief. *API textbook of medicine*. 10th edition. Mumbai: Association of Physicians of India; 2017, (in press).
9. Samanta M, Nandi M, Mondal R, Hazra A, Sarkar S, Sabui T, Kundu CK, Biswas A. Childhood lupus nephritis: 12 years of experience from a developing country's perspective. *Eur J Rheumatol* 2017; 4: 178-83.
10. Ray BK, Paul N, Hazra A, Das S, Ghosal MK, Misra AK, Banerjee TK, Chaudhuri A, Das SK. Prevalence, burden, and risk factors of migraine: A community-based study from Eastern India. *Neurol India* 2017; 65: 1280-8.
11. Kothari S, Singh A, Das U, Sarkar DK, Datta C, Hazra A. Role of exponential apparent diffusion coefficient in characterizing breast lesions by 3.0 Tesla diffusion-weighted magnetic resonance imaging. *Indian J Radiol Imaging* 2017; 27: 229-36.
12. Adhikari UR, Taraphder A, Hazra A, Das T. Medication adherence in kidney transplant recipients in an urban Indian setting. *Indian J Nephrol* 2017; 27: 294-300.
13. Das M, Choudhury S, Maity S, Hazra A, Pradhan T, Pal A. Generic versus branded medicines: An observational study among patients with chronic diseases attending a public hospital outpatient department. *J Nat Sc Biol Med* 2017; 8: 26-
14. Sur TK, Hazra A. Alteration of acetylcholinesterase mediatory cognitive behavioral pattern through phytomedicine (MEC-01) in Wistar Rats. *Asian Journal of Pharmaceutical Technology & Innovation* 2017; 5: 47-53.
15. Sur TK, Hazra A. Preclinical evaluation of standardized anti-diabetic herbal formulation (ADC-05). *Journal of Innovations in Pharmaceutical and Biological Sciences* 2017; 4: 12-6.
16. Hazra A, Gogtay N. Biostatistics Series Module 10: Brief overview of multivariate methods. *Indian J Dermatol* 2017; 62: 358-66.
17. Hazra A, Gogtay N. Biostatistics Series Module 9: Survival analysis. *Indian J Dermatol* 2017; 62: 251-7.
18. Hazra A, Gogtay N. Biostatistics Series Module 8: Assessing risk. *Indian J Dermatol* 2017; 62: 123-9.
19. Hazra A, Gogtay N. Biostatistics Series Module 7: Statistics of diagnostic tests. *Indian J Dermatol* 2017; 62: 18-24.
20. Banerjee TK, Dutta S, Das S, Ghosal M, Ray BK, Biswas A, Hazra A, Chaudhuri A, Paul N, Das SK. Epidemiology of dementia and its burden in the city of Kolkata, India. *Int J Geriatr Psychiatry* 2017; 32: 605-14.

21. BOOK CHAPTER: Hazra A. Late Professor Salil K. Bhattacharya (1939-2003): A doyen of Indian neuropharmacology. In: Dandiya PC, Kulkarni SK, Khilnani GD. Pharmacologists of India: their contribution. New Delhi: Vallabh Prakashan; 2017.
22. Mitra S, Pati A, Manna A, Ghosh A, Sen S, Chatterjee S, Chatterjee M. A study of the free radical scavenging effects of Piper betle leaf extract in patients with vitiligo. *Indian J Dermatol Venereol Leprol* 2017; 83: 40-6.
23. Chaudhury AR, Reddy VT, Divyaveer SS, Patil K, Bennikal M, Karmakar K, Chatterjee S et al. A Cross Sectional Prospective Study of Asymptomatic Urinary Abnormalities, Blood Pressure and Body Mass Index In Healthy School Children. *Kidney international reports*. Published online 2017 (in press volume not assigned): <https://doi.org/10.1016/j.ekir.2017.07.018>.
24. Choudhury S, Chatterjee K, Singh R, Shubham S, Trivedi S, Chatterjee S, Kumar H. Levosulpiride induced movement disorders: Indian scenario. *J Pharmacol Pharmacother. J Pharmacol Pharmacotherapeutics* [Accepted July 10, 2017]
25. Chatterjee S, Dureja GP, Kadhe G, Sawant S, Kapatkar V, Pupplawar G. A cross-sectional, observational study to assess the prevalence of nsaid associated gastrointestinal, renal, and cardiac adverse events in india. *BMC Gastroenterol* [Communicated].
26. Sil A, Das NK. Informed consent process: Foundation of the researcher–participant bond. *Indian J Dermatol* 2017; 62: 380-6.
27. Sil A, Das NK. Ethics of safety reporting of a clinical trial. *Indian J Dermatol* 2017; 62: 387-91.
28. Das NK, Sil A. Evolution of ethics in clinical research and ethics committee. *Indian J Dermatol* 2017; 62: 373-9.
29. Sarkar TK, Sil A, Pal S, Ghosh C, Das NK. Effectiveness and safety of levocetirizine 10 mg versus a combination of levocetirizine 5 mg and montelukast 10 mg in chronic urticaria resistant to levocetirizine 5 mg: A double-blind, randomized, controlled trial. *Indian J Dermatol Venereol Leprol* 2017 ;83: 561-8.
30. Podder I, Bhattacharya S, Mishra V, Sarkar TK, Chandra S, Sil A, Pal S, Kumar D, Saha A, Shome K, Bandyopadhyay D, Das NK. Immunotherapy in viral warts with intradermal Bacillus Calmette-Guerin vaccine versus intradermal tuberculin purified protein derivative: A double-blind, randomized controlled trial comparing effectiveness and safety in a tertiary care center in Eastern India. *Indian J Dermatol Venereol Leprol* 2017; 83: 411.
31. Mohanty S, Das A, Ghosh A, Sil A, Gharami RC, Bandyopadhyay D, Das NK. Effectiveness, safety and tolerability of cyclosporine versus supportive treatment in Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis: A record-based study. *Indian J Dermatol Venereol Leprol*. 2017; 83: 312-316.
32. De A, Hasanoor Reja AH, Aggarwal I, Sen S, Sil A, Bhattacharya B, et al. 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; 62: 527-35.
33. Lahiry S, Kundu A, Mukherjee A, Choudhury S, Sinha R. Analyzing antidiabetes drug prescriptions with World Health Organization anatomical therapeutic chemical/defined daily dose index to assess drug utilization pattern in elderly population of rural eastern India. *Indian J Clin Med* 2017; 8: 1-9.

4. 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.

5. 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, 2017, leading to award of MD degree.

Manjari Kumari	An observational study to evaluate antimicrobial usage pattern in neonatal sepsis at the neonatal intensive care unit of a tertiary care hospital.
Amritendu Mondal	An observational study to assess medication adherence, safety profile and treatment response to fixed dose combination of Tenofovir, Lamivudine, Efavirenz (TLE) in HIV infected adult patients.
Banhisikha Adhikary	Potential contribution of oxidative stress towards methotrexate induced hepatic dysfunction.
Anindita Pal	A prospective observational study of drug use profile in advanced chronic kidney disease patients attending nephrology outpatient department of a tertiary care hospital.
Monalisa Dhuya	Cytochrome P450 2D6 phenotyping in adults of Eastern India.

Drs. **Ritam Roy**, **Souryadip Banerjee**, **Abir Pattanayak**, **Sayanta Thakur** and **Bikash Kali Kar** 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	CTPL, India Prof. Mitali Chatterjee	Modulation of the cellular redox status as a chemotherapeutic strategy
2	Ms. Sneha Mitra	INSPIRE (DST, Govt. of India) Prof. Suparna Chatterjee & Prof. Mitali Chatterjee	Evaluation of redox status and immune regulation markers in vitiligo
3	Ms. Srima Moulik	GLRA-INDIA Prof. Mitali Chatterjee	Identification of lesional biomarkers in Indian Leishmaniasis.

4	Ms. Deblina Sarkar	JRF, WB DST, JRF Prof. Mitali Chatterjee	Biomarkers for monitoring the treatment for post-kala azar dermal leishmaniasis.
5	Mr. Ayan Pradhan	Project Assistant, WB DST Prof. Mitali Chatterjee	Evaluation of markers of oxidative damage in rheumatoid arthritis.
6	Ms. Aishwarya Dighal	CSIR-UGC NET (UGC-JRF) Prof. Mitali Chatterjee	Iron based chemotherapeutic modalities in Leishmaniasis.
7	Ms. Ritika Sengupta	JRF, ICMR, Govt. of India Prof. Mitali Chatterjee	Comparison of clinico-immunological responses of macular versus polymorphic Indian Post Kala Azar Dermal Leishmaniasis
8	Ms. Shilpa Sengupta	JRF, WB-DST, JRF Prof. Suparna Chatterjee & Prof. Mitali Chatterjee	Evaluation of immunoclinical determinants in patients with vitiligo.
9	Mr. Aniruddha Bagchi	JRF, DHR, Govt. of India Prof. Mitali Chatterjee	A transcriptomic approach to identify clinic-immunological determinants of post kala-azar dermal leishmaniasis.
10	Tapas Kumar Sur	DST, Govt. of West Bengal Dr. Avijit Hazra	Assessment of environmental contaminants in raw herbal materials used in medicinal products in West Bengal.

Ms. Susmita Ghosh MSc and Mr. Shibabrata Mukherjee MSc research scholars were awarded PhD degree in 2017 under supervision of Prof. Mitali Chatterjee.

Mrs. Uma Rani Adhikari, Staff Nurse, West Bengal Nursing Service was awarded PhD degree in 2017 under supervision of Prof. Avijit Hazra.

7. Other information – Programs / Conferences / Workshops

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

- Feb 14-15, 2017: Annual Inaugural Golden Jubilee Conference of India Pharmacological Society (AIGJCONIPS2017) at Indira Gandhi Institute of Medical Sciences (IGIMS), Patna.
- Mar 31 to Apr 1, 2017: Research methodology and biostatistics workshop conducted by the department on behalf of Medical Education Unit (MEU), IPGME&R.
- Apr 11 & 17, 2017: Sensitization program for Interns on 'Communication Skill & Allied Issues' conducted by the department on behalf of Medical Education Unit (MEU), IPGME&R.
- Dec 8, 2017: 'East Zone Advanced Level Workshop on Pharmacovigilance' at IPGME&R Kolkata, organized by the department with support from Central Drugs Standard Control Organization (CDSCO), East Zone, and Indian Pharmacopoeia Commission, Ghaziabad.
- Dec 12, 2017: Sensitization program for Final Year MBBS students on 'Biomedical ethics' conducted by the department on behalf of Medical Education Unit (MEU), IPGME&R, with support from West Bengal Medical Council.

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 of 1958 attached to the institute of IPGME&R. 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.

Staff

A) Faculty

Dr. Rathindranath Halder MD (Cal), WHO Fellow	Professor & HOD
Dr. Pallab Das; MD (Cal), MRCP (UK)	Associate Professor
Dr. Rajesh Pramanik; MD (Cal), MRCP (UK)	Associate Professor
Dr. Asoke Kumar Middy; MD (Cal)	Associate Professor
Dr. Firdaus Kamal MD (Cal)	Associate Professor
Dr. Tanvir Ahmed MD (Cal)	Assistant 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. Md. A. S. Anwar, 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

2015-18	2016-19	2017-20
Dr. Ambar Konar Dr. Keshab Mondal Dr. Ishita Dey	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

PGTs who completed 3-year MD training in 2017 were Dr. Sayani Halder, Dr. Labani Biswas and Dr. Subhasish Pati.

C) Physiotherapy unit

Mr. Manas Dan (BPT) – In-charge (Physiotherapy unit)	Mrs. J. De (BPT) – Physiotherapist
Mr. Bipul Kumar Saha (BPT) - Physiotherapist	Mr. Shankhabrata Bhunia (BPT) – Physiotherapist
Mr. Koushik Mal (BPT) - Physiotherapist	

D) Occupational therapy unit

Mr. Akash Das (BOT)

FACULTY NEWS

Prof. R. N. Haldar

- National President of IAPMR
- Ex Editor: Indian Journal of Physical Medicine and Rehabilitation (IJPMPR)
- Ex-President IAPMR WB Branch
- Secretary IAPMR East zone
- Treasurer IRA WB and East zone
- Governing body member State Medical Faculty
- Secretary Board of Studies (PMR), WBUHS
- Chairman East zone handicapped board for MCI

- Conferences
 - Chairman of 45th Annual National Conference of IAPMR (IAPMRCON-17) held at Science city, Kolkata during January, 2017
 - Attended and chaired and delivered lectures at National Midterm CME of IAPMR held in Bhubaneshwar, Orissa in September 17.
 - Attended and delivered guest lecture at East zone conference of IRA (EZCON-15) held at Puri, Orissa, in September 2017.
 - Attended and chaired National Conference of Pediatric Rheumatology Nov 2017.
- MCI and UGC inspector
- Publications: Regular Editorial column in IJPMR and other journals

Dr. Pallab Das

- Joint Secretary of IAPMR, Treasurer of IAPMRCON and West Bengal Chapter.
- Conferences:
 - Attended 45th Annual National Conference IAPMR 2017 held at Science city, Kolkata in January, 2017
 - Attended National Midterm CME of IAPMR held in Bhubaneshwar, Orissa in September 17.
 - Attended State conference of IAPMR, WB Branch in July 2017.
 - Attended State conference of IRA (WB Branch) in Nov 2017
 - Attended National Conference of Pediatric Rheumatology in Nov 2017.

Dr. Rajesh Pramanik

- Editor: Indian Journal of Physical Medicine & Rehabilitation (IJPMR)
- Member of the syllabus review committee of School of Safety and Occupational Health Engineering, IISER, Shibpur.
- Author of Physical Medicine and Rehabilitation Digest, published in Jan 2017
- Conferences:
 - Organising Secretary of 45th Annual national conference of IAPMR (IAPMRCON-17) held at Science city, Kolkata in January, 2017
 - Attended and chaired and delivered lectures National Midterm CME of IAPMR held in Bhubaneshwar, Orissa in September 17.
- Publication: Regular publications in IJPMR.

Dr. Asoke Kumar Middya

Conferences:

- Attended 45th Annual national conference of IAPMR (IAPMRCON-17) held at Science city, Kolkata in January, 2017
- Attended State conference of IAPMR (WB Branch) in July, 2017

Dr. Firdaus Kamal

Conferences:

- Attended 45th Annual National Conference IAPMR 2017 held at Science city, Kolkata in January, 2017
- Attended State conference of IAPMR, WB Branch in July 2017.
- Attended State conference of IRA (WB Branch) in Nov 2017
- Attended National Conference of Pediatric Rheumatology Nov 2017

Dr. Tanvir Ahmed

Conferences:

- Attended 45th Annual National Conference IAPMR 2017 held at Science city, Kolkata in January, 2017
- Attended State conference of IAPMR WB Branch in July 2017.
- Attended State conference of IRA (WB Branch) in Nov 2017

Dr. Aniketa Banerjee

Conferences:

- Attended 45th Annual National Conference IAPMR 2017 held at Science city, Kolkata in January, 2017
- Attended State conference of IAPMR WB Branch in July 2017.
- Attended State conference of IRA (WB Branch) in Nov 2017
- Attended National Conference of Pediatric Rheumatology Nov 2017

Dr. Saumen Kumar De

Conferences:

- Attended 45th Annual National Conference IAPMR 2017 held at Science city, Kolkata in January, 2017
- Attended State conference of IAPMR WB Branch in July 2017.
- Attended State conference of IRA (WB Branch) in Nov 2017
- Attended National Conference of Pediatric Rheumatology Nov 2017
- Attended East zone conference of IRA (EZCON-17) held at Puri in November 2017.
- Attended Annual National conference of IRA (IRACON-17) held in Lucknow in December 2017.

Dr. Debayan Ghorai

Conferences:

- Attended 45th Annual National Conference IAPMR 2017 held at Science city, Kolkata in January, 2017
- Attended State conference of IAPMR WB Branch in July 2017.
- Attended State conference of IRA (WB Branch) in Nov 2017.

Dr. Vasundhara Ghosal

Conferences:

- Attended 45th Annual National Conference IAPMR 2017 held at Science city, Kolkata in January, 2017
- Attended State conference of IAPMR WB Branch in July 2017.
- Attended State conference of IRA (WB Branch) in Nov 2017
- Attended National Conference of Pediatric Rheumatology Nov 2017

Dr. Md. A. S. Anwar

Conferences:

- Attended 45th Annual National Conference IAPMR 2017 held at Science city, Kolkata in January, 2017
- Attended State conference of IAPMR WB Branch in July 2017.

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 subacute 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 offered to our differently abled patients. Platelet Rich Plasma injections for joints and tendinopathy and intrathecal ballofen pump are new features the department for better patient care.

ii) Other clinical and academic schedule:**Clinical and academic schedule**

Days	Forenoon	Afternoon
Monday	OPD	Injection, Fluoroscopic guided blocks
Tuesday	OPD	USG guided injection, PRP Injections
Wednesday	OPD	Muscle nerve assessment, NCV USG guided injections
Thursday	TCC / Foot Clinic, Injections	Journal Club / Case presentation OA clinic
Friday	OPD	Muscle testing, NCV Fluoroscopic guided injections
Saturday	Injection	Seminars/ Classes

Thesis work

SN	Title of Thesis	PGT and Session	Guide	Co-Guide
1.	Role of Suprascapular Nerve Block versus Ultrasonic Therapy in patients with partial thickness rotator cuff tear of shoulder joint: A comparative study	Ambar Konar 2015-2018	Dr. Rajesh Pramanik	Dr. Firdaus Kamal
2.	A comparative study between teriparatide and zoledronic acid therapy in treatment of osteoporosis	Ishita Dey 2015-2018	Dr. R. N. Haldar	Dr. Tanvir Ahmed Dr. Aniketa Banerjee,
3.	Comparison of motor point block in 5% aqueous solution of phenol versus botulinum toxin type A in the management of hamstring spasticity: A randomised controlled trial	Keshab Mandal 2015-2018	Dr. R. N. Haldar	Dr. Asoke Kumar Middy, Dr. Aniketa Banerjee
4.	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
5.	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
6.	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

SERVICE INFORMATION

OPD location: Ground floor of Dept of PMR (New Building)
Total attendance 70127 Maximum attendance /day 530

Indoor patient: Total admitted: 546 Referral indoor patient management: 1577

Procedure / investigation performed

- Local infiltration: Thursday & Saturday (avg 10/day)
- Muscle nerve testing / SD curve – every Saturday (avg 2/wk)
- Total Contact Casting: (Avg 4/week)
- NCV & EMG: Average 4/month (for academic & research activities)
- USG guided Infiltration: Tuesday and Wednesday

Suprascapular nerve block	163	Plantar fascitis	394
Tennis elbow	280	Cervical facet	06
Baker's cyst aspiration	64	Ischial tuberosity bursitis	63
Intra-articular shoulder joint	591	Carpal tunnel syndrome	239
DQ	229	Intra- articular knee joint	254
- Fluoroscopic blocks: Monday and Friday

Transforaminal epidural block	359	Caudal epidural block	263
Facet joint Inj	111	Selective nerve root block	241
Hip joint Inj	13	Sacroiliac joint	9
Stellate sanglion block	4		
- PRP (Platelet Rich Plasma administration for academic and research activity) 4

Special clinics: Osteoarthritis clinic: Every Thursday (1 pm – 3 pm) Total attendance in last year 309
Exercise Therapy / Demonstration 30157
Electrotherapy 12856
Occupational therapy 1276
P & O assistance 112

Physiology

Faculty

1. Dr. Sangita Sen, MD, PhD	Professor & Head
2. Dr. Utpal Kumar Datta, MD	Professor
3. Dr. Ardhendu Mazumdar, MD	Associate Professor
4. Dr. Subhankar Kumar, MD, DNB	Associate Professor
5. Dr. Deepankshu Sekhar Mandal, MD	Associate Professor
6. Dr. Md. Mahboob Alam, MD	Assistant Professor
7. Dr. Jayati Das, MD	Assistant Professor
8. Dr. Debdeep Dasgupta, MD	Assistant Professor
9. Dr. Sucheta Biswas, MD	Assistant Professor
10. Dr. Subrata Nag, MD	Demonstrator
11. Dr. Debjani Banerjee, MD	Demonstrator
12. Dr. Bikashendu Samui, MD	Demonstrator
13. Dr. Soma Roy, MD	Demonstrator

Postgraduate Trainees

1. Dr. Shib Sankar Pal	PGT 2015-2018
2. Dr. Saikat Manna	PGT 2015-2018
3. Dr. Rama Chakraborty	PGT 2015-2018
4. Dr. Sourav Ganguly	PGT 2015-2018
5. Dr. Paromita Roy	PGT 2015-2018
6. Dr. Biswajit Das	PGT 2016-2019
7. Dr. Souvik Banerjee	PGT 2016-2019
8. Dr. Arijit Sain	PGT 2016-2019
9. Dr. Subhabrata Ghosh	PGT 2016-2019
10. Dr. Debarghya Mukherjee	PGT 2017-2020

Courses conducted by the department

- MBBS (150 seats)
- MD Physiology (5 seats)
- BSc Nursing
- BPT
- DPFT & DCLT

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. Behavioral Physiology laboratory for behavioral studies in different mazes.
5. Autonomic Function Laboratory.

Research activity

Prof. (Dr.) Utpal Kumar Datta

Guiding thesis work of:

- Dr. Shib Sankar Pal: Topic - Association of obesity and fatty liver in patients with gall stone disease.

Recent publications:

- Chakraborty, A., Siddhanta, S., Bhattacharya, K., Das, A., Banerjee, S., Sarkar, R.N., Datta, U.K. and Chakraborty, N. (2013): Unravelling the Gordian knot: diagnostic dilemma in an HIV-positive patient with neurological involvement. BMJ Case Report, 1-4.

- Santra, S., Basu, A.K., Roychowdhury, P., Banerjee, R., Singhania, P., Singh, S. And Datta, U.K. (2011): Comparison of left ventricular mass in normotensive type 2 diabetes mellitus patients with that in the nondiabetic population. *Journal of Cardiovascular Disease Research*, 2, 50-56.
- Lahiri S. K., Haldar D., Chowdhury S. P., Sarkar G. N., Bhadury S. And Datta, U. K. (2011): Junctions to the therapeutic goal of diabetes mellitus: Experience in a tertiary care hospital of Kolkata. *Journal of Mid-life Health*, 2, 31-36.
- Chakraborty, N., Bhattacharyya, S., De, C., Mukherjee, A., Bhattacharya, D., Santra, S., Sarkar, R. N., Banerjee, D., Guha, S. K., Datta, U. K. And Chakrabarti, S. (2010): Incidence of multiple Herpes virus infection in HIV seropositive patients, a big concern for Eastern Indian scenario. *Virology Journal*, 7, 147.

Prof. (Dr.) Sangita Sen

Project:

- Completed a project titled "Evaluation of diabetic polyneuropathy in Type II DM by nerve conduction studies & association of severity of neuropathy with serum s-FAS level."

Guiding thesis work of:

- Dr. Saikat Manna: Topic - Role of serum uric acid and its association with other risk factors in patients with coronary artery disease.
- Dr. Debarghya Mukherjee: Topic - Thyroid function tests in preterm neonates.

Recent publications:

- Sen S, Das S, Ray P et al. Association of microalbuminuria with glycemic index, cardiovascular function, renal function & BMI in patients with DM; A cross sectional study in eastern India. *Biomedicine* 32(3): 383-388, 2012.
- Biswas A, Chatterjee S, Chowdhury R, Sen S et al. Anti-diabetic effect of seeds of *Strychnos potatorum* (Linn) in a Streptozocin induced model of diabetes. *Acta Poloniae Pharmaceutica* 69(5) 939-43, 2012.
- Mondal A, Sen S, Chanda D, Kundu S, Chatterjee M & Mukherjee S. Evaluation of diabetic polyneuropathy in type 2 DM by nerve conduction study and association of severity of neuropathy with serum sFas 1 level. *Indian Journal of Endocrinology and Metabolism* 2012; 16 (2) : S465-467.
- Sarkar A, Ghosh S, Pakrashi S, Roy D, Sen S & Chatterjee M. Leishmania strains causing self healing cutaneous leishmaniasis have greater susceptibility towards oxidative stress. *Free Radical Research* 2012; 46 (5): 665- 673.

Dr. Ardhendu Mazumdar

Guiding thesis work of:

- Dr. Rama Chakraborty: Topic - Pulmonary function tests in hypothyroid patients and effect of thyroid hormone replacement.
- Dr. Souvik Banerjee: Topic - Study of serum copper concentration among non-pregnant women of reproductive age group suffering from IDA in a tertiary care hospital.

Dr. Subhankar Kumar:

Guiding thesis work of:

- Dr. Sourav Ganguly: Topic - Difference in retention of inter- and intra-day learning process of rats.
- 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. Paromita Roy: Topic - A study to assess incidence of non-alcoholic fatty liver disease (NAFLD) in non- obese subjects and to find out the causative factors responsible for the disease.
- Dr. Subhabrata Ghosh: Topic - Study of pulmonary function tests in alcoholic and cirrhotic patients.

Dr. Md. Mahboob Alam

Guiding thesis work of:

- Dr. Biswajit Das: Topic - Spirometric estimation of lung function tests in patients with rheumatoid arthritis and activity of disease.

Recent publications:

- Alam MM, Das P, Ghosh P, Salimuzzaman M, Boro M, Sadhu M et al. Cardiovascular Autonomic Neuropathy in Systemic Lupus Erythematosus. Indian J Physiol Pharmacol 2015; 59(2) : 155–161.
- Alam MM, Ray B, Sarkar S, Mandal O, Mondal R. Spirometric Assessment in Juvenile Idiopathic Arthritis. Indian J Physiol Pharmacol 2015; 59(2) : 199–203.
- Sarkar S, Alam MM, Ray B, Chaudhuri G. Study of Blood Pressure in Medical Students in Kolkata and Its Variation with BMI, Waist Circumference, Waist-To-Hip Ratio and Waist-To-Height Ratio. JMSCR 2015; 3:4044-51.
- Alam MM, Ray B, Sarkar S, Mandal O, Mondal R, Hazra A et al. Spirometric evaluation in juvenile idiopathic arthritis: Data from Eastern India. Indian J Pediatr. 2014; 81: 1010-14.
- Alam MM, Sarkar S, Ghosh P, Ray B, Mondal R. Spirometric Evaluation in Juvenile Systemic Lupus Erythematosus. Indian Pediatrics 2014; 51:909-11.

Dr. Debdeep Dasgupta

Recent publications:

- Sau A.K, Dasgupta D.D, Kanji D,. A Study of the pattern of Thyroid function with advancing age in female population in South Bengal. Indian Medical Journal. 2011; 1(105):18.
- Kanji D, Sau A.K, Dasgupta D.D, ,. Back Depression Inventors: an effective and reliable instrument for measuring depression in pregnant women. Indian Medical Journal. 2011; 1(105):20.
- Sau A.K, Dasgupta D.D, Kanji D,. A Study of the pattern of Thyroid function with advancing age in male population in South Bengal. Indian Medical Journal. 2011; 1(105):19.

Dr. Bikasendu Samui

Recent publications:

- Samui B, Ghosh U, Sadhu M, Ghosh S. et al Comparative Evaluation of Socio-Demographic aspects of rural and urban infertile women in a tertiary care hospital. International J of Contemporary Medical Research 2015; 2:1150-53.
- Samui B, Sadhu M, Bandyopadhyay S.N et al Comparative Evaluation of etiological aspects of rural and urban infertile men in a tertiary care hospital. Indian J of Perinatology & Reproductive Biology 2015; 5: 28-30.

Thesis Submitted in 2017

Dr. Shib Sankar Pal	Association of obesity and fatty liver in patients with gall stone disease.
Dr. Saikat Manna	Role of serum uric acid and its association with other risk factors in patients with coronary artery disease.
Dr. Rama Chakraborty	Pulmonary function tests in hypothyroid patients and effect of thyroid hormone replacement.
Dr. Arijit Sain	Estimation of body mass index by measuring 24 hrs urinary creatinine.
Dr. Paromita Roy	A study to assess incidence of non-alcoholic fatty liver disease (NAFLD) in non- obese subjects and to find out the causative factors responsible for the disease.

Plastic Surgery

Staff

Faculty

Dr. Arindam Sarkar	MCh	Associate Professor & Head
Dr. Sandip Kumar 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

Prof. Bijay Kumar Majumder superannuated as head of the department on 30.09.2017.

Dr. Monoranjan Sow joined as RMO cum Clinical Tutor on 05.04.2017.

Dr. Tibar Banerjee, Associate Professor, resigned.

Senior Resident

Dr. Sarabarni Biswas	MS	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 2015-18	Session 2016-19	Session 2017-20
Dr. Kavish Maheswari	Dr. Manas Sasmal	Dr. Meheraj Sk.
Dr. Soumya Kanti Bag	Dr. Swaraj Hanspal	Dr. Ajay Kumar Pathak
Dr. Anirban Ghosh	Dr. G. Aurobindo Mohapatra	Dr. Jayabrata Maitra
Dr. Sudhakar Jena	Dr. Firoz Borle	Dr. Sourav Sethia
Dr. Cinjini Das	Dr. Bharti Maravi	Dr. Debraj Saha
Dr. Choden Norbu	Dr. Shubhra Datta	Dr. Sweta

Passed MCh (Plastic Surgery) from WBUHS in 2017

- Dr. Nikhil Kumar Das
- Dr. Sudipta Bera
- Dr. Vivek Gupta
- Dr. Ashwani Kumar
- Dr. Vishrabdha Margoj Chandrakant
- Dr. Khan Rafat Ali

FACULTY NEWS

Prof. B. K. Majumdar

- DNB (Plastic Surgery) examiner in Coimbatore 24/6/2016-26/6/2016, 23/09/19-24/09/16
- Assessor, MCI for Vydehi Institute of Medical Sciences, Bangalore 28/07/2016

Dr. Arindam Sarkar

- Participated in HAIRCON-2017 held from 24/02-26/02/2017 in Ludhiana.
- Participated in AESURG-2017 held from 13/04-17/04/2017 in Gangtok.

RESEARCH PROJECTS

A morphological study of nanosilver & nano-composite cognitive with biological system.
by Sm. Oindri Ray under supervision of Prof. B. K. Majumdar
Awarded PhD from Calcutta University (1st PhD from the Department) in Jan, 2016.

Other projects ongoing

Research scholar	Title	Other details
Dr. Kalyan Das	Use of autologous platelet gel in plastic surgical wounds for better clinical outcome.	Funded by DST, West Bengal
Abhishek Adhya	Study of advanced wound healing by nano-silver.	PhD project under WBUHS. 2011 onwards.
Chirasree Roy Choudhury	Study of wound healing & antibacterial activity of nanosilver on burn wound.	PhD project under CU. 2011 onwards.
Tanushri Ghosh	Studies on the efficacy & role of antimicrobial effects of nanosilver.	PhD project under CU. 2011 onwards.
Prof. Sampa Dattagupta	Assessment of Insulin sensitivity in obese, non-diabetic subjects undergoing infraumbilical surgery and its variation with general & regional anesthesia.	PhD project under WBUHS. 2013 onwards.

THESIS WORK ONGOING

1. Various reconstructive surgical techniques in post burn ear deformities: Dr. Choden Norbu (2015-18)
2. A study of different types & uses of vascularised fascial flaps in reconstructive surgery of head, neck & extremities: Dr. Soumyakanti Bag (2015-18)
3. Functional outcomes after tendo-achilles repair- our experience in a tertiary health care system of eastern India: Dr. Cinjini Das (2015-18)
4. Impact of various forms of reconstruction on the quality of life and functional status in patients of head & neck malignancies: Dr. Kavish Maheswari (2015-18)
5. Role of flap blood glucose measurement in monitoring of flaps and to detect flap congestion and flap salvage: Dr. Anirban Ghosh (2015-18)
6. A study of fractional carbon dioxide lasers in management of recent post burn scars: Dr. Sudhakar Jena (2015-18)
7. Use of hand held doppler in pre op evaluation of perforator based flaps and its relation with intra-op findings: Dr. Swaraj Hanspal (2016-19)
8. To study various treatment modalities for the management of postburn axillary contracture in a tertiary centre: Dr. Subhra Dutta (2016-2019)
9. A study of outcome after coverage of exposed tibia with propeller perforator flaps: Dr. Manas Sasmal (2016-19)
10. Comparative study of different modalities of treatment of fingertip injuries: Dr. Bharti Maravi (2016-2019)
11. A prospective study of autologous platelet rich plasma for treatment of burn ulcer: Dr. G. Aurobindo Mohapatra (2016-19)

PUBLICATIONS

- From wheelchair to walking: First case report of post-electric burn destruction of patellar ligament with its one-stage reconstruction and restoration of function: IJPS 2017 Jan-Apr Dr. Sandip Kumar Basu.
- Reconstruction of urethra using appendix in a patient with cloacal malformation. Gupta S, Kumar B, Basu S, et al. BMJ Case Rep 2017. Doi: 10.1136/bcr-2017-221198

AWARDS

- Dr. Soumya Kanti Bag, PDT (2015-2018), presented a paper on A modified technique of anchorage in trapezius transfer: Averting complication & obviating operative difficulty in PLASTICON 2017 (State chapter of Association of Plastic Surgeon India) and received first prize.

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

Regular schedule operations in plastic surgery operation theatres	1755
Microvascular operations	13
Emergency operations	3382
Laser therapy	530
Total burn cases admitted in SSKM	1026
Burn Unit admissions	516
Operations performed in BRU OT	244

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

Operation of skin bank is in progress and cadaveric harvesting of skin started from 22/04/2013

Institute of Psychiatry

Institute of Psychiatry (IOP) has been identified for upgradation under **Centre of Excellence** Scheme of National Mental Health Programme (NMHP) – 11th Five Year Plan (vide Ref.F.-No. T. 210013/15/09-ncd Dt-11.06.09). Three new departments are functioning, namely Psychiatric Social Work, Clinical Psychology and Psychiatric Nursing.

Department of Psychiatry

FACULTY & RESIDENTS

Faculty & Medical Officers	Qualification	Designation
Dr. Pradip Kumar Saha	M.D., NIMHANS (Bangalore)	HOD & Professor
Prof. Dr. Amit Kumar Bhattacharyya	MD	Professor
Dr. Sikha Mukhopadhyay	MD	Associate Professor
Dr. Prathama Guha	MD, DNB	Associate Professor
Dr. Prasanta Kumar Das	MD	Associate Professor
Dr. Indranil Saha	MD, DPM	Associate Professor
Dr. Paramita Ray	MD	Associate Professor
Dr. Anirban Ray	MD, DM	Associate Professor
Dr. Parthasarathy Biswas	MD	Assistant Professor
Dr. Nikhiles Mandal	MD, DPM	Assistant Professor
Dr. Subir Hazra Choudhury	DPM	RMO-cum-Clinical tutor
Dr. Subir Bhattacharjee	MD	RMO-cum-Clinical tutor
Dr. Nirmal Kanti Dutta	DPM	Medical Officer
Dr. Nabakumar Maiti	MD (Pharma), DPM	Medical Officer
Dr. Tamoghna Bandyopadhyay	MD	Senior Resident
Dr. N Rekha	DPM	Senior Resident
Dr. Sandipan Nayek	MD	Senior Resident
Dr. Argha Halder	MD	Senior Resident
Dr. Chandrima Chowdhury	MD	Senior Resident
Dr. Joydeep Acharjee	MD	Senior Resident

Postgraduate trainees – MD

2015 – 2018	2016 – 2019	2017 – 2020
Dr. Sagarika Roy, MBBS Dr. Narottam Halder, MBBS, DCH Dr. Sikha Murmu, MBBS, DPH Dr. Paritosh Roy, MBBS	Dr. Kanika Das, MBBS Dr. Jolly Das, MBBS Dr. Gautam Mahati, MBBS Dr. Aratrika Sen, MBBS	Dr. Mainak Pal, MBBS Dr. Pubali Chowdhury Dr. Aniket Mukherjee Dr. Shampa Sarkar

Postgraduate trainees – DPM

2016 – 2018	2017 – 2019
Dr Dipanwita Maschatak, MBBS Dr. Nabanita Roy Mukherjee Dr Gargi Banerjee Bagchi, MBBS, DPH Dr Santosh Pandit MBBS Dr Sudipta Malik MBBS Dr Soumyak Banerjee MBBS Dr Soumyadeep Saha MBBS Dr Somnath Barman MBBS Dr Partha Sarathi Hazra MBBS	Dr. Arpita Biswas MBBS Dr. Sayanti Ghatak MBBS Dr. Aruddha Sarkar MBBS Dr. Srinath Samanta MBBS Dr. Koushik Das MBBS Dr. Debashis Saha MBBS Dr. Pranab Mallik MBBS Dr. Abhijit Chakladar MBBS

TRANSFERS & POSTINGS

Dr. Sikha Ghosh, RMO-cum-Clinical tutor superannuated on 31.10.2017.

Dr. Rajarshi Neogi, Assistant Professor was transferred to R. G. Kar Medical College & Hospital

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:

- 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.
- 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)
- 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 8 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.

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 in 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 Halder, 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 attended in the last one year:

- 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. Parthasarathy Biswas

Publications:

- Socio-Demographic, Clinical Correlates And Predictors Of Adverse Outcome In Substance Use Disorder (SUD) Patients Attending The De-Addiction Clinic Of A Tertiary Care Hospital In Eastern India. Bengal Journal of Psychiatry, 2015

Dissertation co-guide:

- A Comparative study on cognitive & psychological factors in children with specific learning disability & hyperkinetic disorder

CME / Conferences / Workshops attended:

- 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 in 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. 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.

Paper 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 Mumtaz, Srinagar, Kashmir
- The 3rd Kolkata PG CME held at Hotel Golden Parkk, on 07.12.13

Dr. Subir Bhattacharjee

Publications:

- A study into the psycho-socio-demographic profile and suicidal intent in the persons making suicide attempt: a search for distinctive group. Bengal Journal of Psychiatry. 2015
- Relationship between disease severity and suicidal ideation: comparison of major depression, bipolar depression and bipolar mania. Indian Journal of Public Health and Research & Development. 2015.
- Prevalence and Contributory Factors of Acute Stress Disorder in a Train Accident in India. Indian Journal of Public Health and Research & Development. 2015.

Seminar presentation – Topic- Vitamin Deficiency induced Encephalopathies - ASCIPS & ASCIAPP- 2015)

Dr. Nikhiles Mandal

Publications:

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

Dr. Naba Kumar Maiti:

Publications:

- Nabakumar Maiti, Malay Kumar Ghosal, Anupam Gupta, Amnrita Sil, Sushmita Chakraborty, Suparna Chatterjee. Clinical effectiveness 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.

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 respondent 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

A. Number of indoor beds: 140 (110 Functional Beds from 01-Dec-2016 to 30-Nov-2017)

		Dec16	Jan17	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	TOTAL
Indoor admissions in 2017	Male	50	34	44	37	33	29	37	47	45	24	49	35	464
	Female	22	19	22	17	18	25	29	50	30	22	30	23	307
	Total	72	53	66	54	51	54	66	97	75	46	79	58	771

B. Distribution of outdoor services is as follows:

Days	Consultants	
Monday & Tuesday	Prof. Pradip Kumar Saha	Dr. Indranil Saha, Dr. Nikhiles Mondal, Dr. Sujit Sarkhel Dr. Anirban Ray
Wednesday & Friday	Dr. Sikha Mukhopadhyay	Dr. Prathama Guha Dr. Parthasarathy Biswas Dr. Subir Bhattacharjee
Thursday & Saturday	Prof. Amit Kumar Bhattacharya	Dr. Paramita Roy, Dr. Prasanta Kumar Das Dr. Subir Hazra Chowdhury Dr. Dhrubajyoti Bagchi

The following numbers of patients have been seen in Psychiatry OPD from Dec 2016 to Nov 2017

		Dec16	Jan17	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	TOTAL
Adult patients	New	2488	2389	2624	2891	2533	2706	1988	2495	2899	2392	2741	2639	30785
	Old	9767	9860	9807	11443	10039	11269	8211	8755	11589	10091	11876	11594	124301
Child patients	New		87	96	103	103	123	112	144	136	150	122	87	1353
	Old		403	340	342	328	446	421	464	477	534	524	442	5071

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:

SN	Clinic	Consultant	Days
1.	Child Adolescent Clinic	Dr. Pradip Kumar Saha, Dr. Anirban Ray, Dr. Sujit Sarkhel,	Thursday
2.	Substance Abuse Clinic	Dr. Shikha Mukhopadhyay, Dr. Parthasarathy Biswas	Friday
3.	Geriatric Clinic	Dr. Pradip Kumar Saha, Dr. Indranil Saha	Tuesday
4.	OCD Clinic	Dr. Pradip Kumar Saha, Dr. Nikhiles Mandal	Wednesday
5.	Mood Clinic	Dr. Pradip Kumar Saha, Dr. Paramita Roy	Saturday

Data on patients seen at existing special clinics at IOP in 2017 (Dec 2016 to Nov 2017)

		Dec16	Jan17	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	TOTAL
De-addiction clinic	New	12	20	13	10	14	16	17	15	20	15	16	11	179
	Old	65	75	78	92	80	85	87	101	84	85	87	54	898
Geriatric clinic (>50yrs)	New	11	9	5	11	12	6	7	5	10	3	4	7	90
	Old	16	22	12	16	30	22	24	38	30	24	36	34	282
OCD Clinic	New	3	0	0	5	6	7	9	10	4	7	4	5	60
	Old	16	0	0	4	10	15	20	35	27	30	28	25	210

Department of Clinical Psychology

FACULTY & STUDENTS

Faculty	Qualification	Designation
Dr. Sushmita Halder	MA, MPhil Clinical Psychology , PhD	Head & Associate Professor
Dr. Bidita Bhattacharya	MA; MPhil Clinical Psychology; PhD	Associate Professor
Mr. Prasanta Kumar Roy	MA; MPhil Medical & Social Psychology	Assistant Professor
Dr. Annwesha Mondal		Assistant Professor
Ms. Amrita Mitra	MA; MPhil Clinical Psychology	Clinical Psychologist
Ms. Rudrani Chatterjee	MA; MPhil Clinical Psychology	Clinical Psychologist
Ms Sreetama Chatterjee	MA; MPhil Medical & Social Psychology	Clinical Psychologist
Ms Tapasri Das	MA; MPhil Clinical Psychology	Clinical Psychologist
Ms. Doyel Ghosh	MA; MPhil Clinical Psychology	Clinical Psychologist
Ms. Chhavi Tewary	MSc, MPhil Clinical Psychology	Clinical Psychologist
Ms. Ankita Biswas	MSc, MPhil Clinical Psychology	Clinical Psychologist
Ms. Pourabi Choudhury		Clinical Psychologist

Students	Course	Session
Ms. Pritha Roy	M.Phil Clinical Psychology	2015 – 2017
Ms. Sampurna Chakraborty	M.Phil Clinical Psychology	2015 – 2017
Ms. Megha Chaudhuri	M.Phil Clinical Psychology	2015 – 2017
Ms. Lekshmi Priya K.	M.Phil Clinical Psychology	2015 – 2017

There are 16 seats in this 2-year M. Phil course (2016 onwards), which is affiliated to West Bengal University of Health Sciences. Application which was sent to Rehabilitation Council of India for recognition of the course and has been approved.

FACULTY NEWS

Dr. Susmita Halder: Associate Professor & Head of the Department

Publications:

- Cognitive Remediation Therapy in Chronic Schizophrenia, DOI: 10.4018/978-1-5225-0519-8.ch016
- Disability in schizophrenia- the psychological and neurocognitive perspective: memory, verbal fluency and response inhibition in normal aging. DOI: 10.4103/2348-9995.195636
- Efficacy of a model Attention Training program for children with ADHD, Journal of Indian Association for Child and Adolescence Mental Health, Jan 2017, Vol. 13, Issue 1, p10-25, 16 p.
- Socio-demographic and clinical characteristics of patients who attempt suicide: A hospital-based study from Eastern India. East Asian Archives of Psychiatry, Vol. 26, No. 3, Sept 2016: 98-103

Resource Person:

- Invited lectures: CBT for children and adolescents with academic difficulty; International Conference on cognitive Behavioural Intervention, AIIMS, New Delhi, March, 2017
- Resource person in CRE programme on Disability, NILD, Kolkata, March, 2017.

Dr. Bidita Bhattacharya: Associate Professor

Publications:

- 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 onwards

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

Workshop

- On Performing Arts, June, 2017

Mr. Prasanta Kumar Roy: Assistant Professor

Publications

- A psychological study of male, female related and unexplained infertility in Indian urban couples, <http://dx.doi.org/10.1080/02646838.2017.1315632>;
- A study on perceived parenting style among transgender, <http://dx.doi.org/10.1080/02646838.2017.1315632>;

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

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

Dr. Anwasha Mondal: Assistant Professor

Participation in Seminar/ Workshop:

- 3 Day CRE training programme on Psychosocial Interventions at different developmental stages , Nov, 2017

Ms. Rudrani Chatterjee: Clinical Psychologist

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. Amrita Mitra: Clinical Psychologist

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: Let's 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

Ms. Sreetama Chatterjee: Clinical Psychologist

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

Ms. Tapasri Das: Clinical Psychologist

Participation in Seminar/ Workshop:

- CME on Ethical and Legal Issues in Psychiatry, at IOP-COE, December, 2016
- Seminar on "Depression: Let's 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

Ms. Doyel Ghosh: Clinical Psychologist

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: Let's 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.

Ms. Chhavi Tewary: Clinical Psychologist

Resource Person:

- Symposium On Suicide, National conference on Expanding Frontiers of Applied Psychology, Kolkata, March 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;

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

Ms. Ankita Biswas: Clinical Psychologist

Publication:

- Research Paper accepted in International Journal of Indian Psychology, Nov, 2017

Resource Person:

- On Specific Learning Disability, CRE Program in NILD, November, 2016
- Seminar 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
- 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

Participation in Seminar/ Workshop:

- CME on Ethical and Legal Issues in Psychiatry, December, 2016

Ms. Pourabi Choudhury: Clinical Psychologist

RESEARCH PROJECTS

Ongoing Research

- 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

Theses completed & submitted as part of requirement for M.Phil Clinical Psychology:

- Ms. Anuradha Palit (Guide Mr Prasanta Kumar Roy, Co-guide Dr Pradeep Kumar Saha) titled 'Memory dynamics in Obsessive Compulsive Disorder' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 – 2016
- Ms. Sabornee Karmakar (Guide Mr Prasanta Kumar Roy, Co-guide Dr A.K. Bhattacharya) titled 'Knowledge acceptance emotional & interpersonal perspectives in Juvenile Diabetes' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 – 2016
- Ms. Trina Bannerjee (Guide Mr Prasanta Kumar Roy, Co-guide Dr Rajarshi Neogi) titled 'Information processing in children with Specific Learning Disorder and Specific Language Impairment' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 – 2016
- Ms. Aparajita Chakraborty (Guide Dr. Bidita Bhattacharya, Co-guide Dr Pradeep Kumar Saha) titled 'Obsessive Compulsive Disorder and Depression in males against one backdrop of Inter-Generational Attachment Related insecurities submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 – 2016
- Ms. Richi Parasrampur (Guide Dr. Bidita Bhattacharya, Co-guide Dr Pradeep Kumar Saha) titled 'Body-image, Depression, Anxiety and Coping in unmarried women with Polycystic ovarian syndrome' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 – 2016
- Ms. Sneha Das (Guide Dr. Bidita Bhattacharya, Co-guide Dr Pradeep Kumar Saha) titled 'Psychosocial Perspectives in Post Burn Injury' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 – 2016
- Ms. Torsa Sinha (Guide Mr Prasanta Kumar Roy, Co-guide Dr. Partha Sarathi Biswas, Dr. Joydeep Singha) titled 'Psychosocial Perspectives of Vitiligo in married and unmarried women' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 – 2016
- Ms. Pooja Chaudhuri (Guide Dr. Bidita Bhattacharya, Co-guide Dr Pradeep Kumar Saha) titled 'Family functioning, Marital quality, Personality and Coping strategies in patients with Alcohol and Cannabis dependence: A comparative study' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 – 2016

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). Group therapy sessions are being conducted (along with PSW department) for ADHD & Conduct Disorder (separately for children & parents), Mental Retardation (for parents), OCD, substance abuse, dementia and life-skill education (for adolescents). 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.

The following numbers of patients have been seen in Department of Clinical Psychology OPD from December 2016 to November 2017

SERVICE INFORMATION

Patients seen at Department of Clinical Psychology by M.Phil Trainee in 2017 (Dec2016 to Nov2017)													
	Dec16	Jan17	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	TOTAL
IQ Assessment	83	97	87	106	102	79	95	141	124	147	126	110	1297
Diagnostic Psychometry	99	105	82	112	85	75	92	100	107	105	90	86	1138
Individual & Group Therapy	506	485	554	596	501	585	605	587	570	502	486	519	6496

By FACULTY													
Patients seen at Department of Clinical Psychology by Faculty in 2017 (Dec2016 to Nov2017)													
	Dec16	Jan17	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	TOTAL
Individual & Group therapy	298	320	260	250	199	225	230	254	265	212	201	342	3056

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 & STUDENTS

SN	Name	Qualification	Designation
1	Mrs. Ilora Barik Sil	M.S.W, M.Phil in PSW(NIMHANS), Ph.D (pursuing)	Head & Assistant Professor
2	Mrs. Soma Saha	M.S.W, M.Phil in PSW(C.I.P) Ph.D (pursuing)	Associate Professor
3	Mrs. Rupa Chakraborty	M.S.W, B.Ed in Special Education M.Ed Pursuing (Mental Retardation)	Psychiatric Social Worker
4	Ms. Oindrila Ganguly	M.A(Psychology), M.Phil in PSW (IOP), Ph.D (Pursuing)	Psychiatric Social Worker
5	Ms. Rituparna Jash	M.S.W, M.Phil in PSW(IOP)	Psychiatric Social Worker

Students :

There is total 16 seats in this 2-year M Phil PSW course, which is affiliated to West Bengal University of Health Sciences, vide letter No. OG/UHS/1771/2012, dated 27.10.2012.

1	Anindita Roy	M.Phil in PSW	2015-2017
2	Pooja Audhya	M.Phil in PSW	2015-2017
3	Souradip Mukherjee	M.Phil in PSW	2015-2017
4	Tumpa sen	M.Phil in PSW	2015-2017
5.	Poulami Ganguly	M.Phil in PSW	2015-2017
6.	Parama Acharya	M.Phil in PSW	2015-2017
7.	Kankani Roy	M.Phil in PSW	2015-2017
8.	Arkita Pal	M.Phil in PSW	2015-2017
9.	Indira Bhowmick	M.Phil in PSW	2015-2017
10.	Rinki Dey	M.Phil in PSW	2015-2017
11.	Ranjana Banerjee	M.Phil in PSW	2015-2017
12.	Ananya Sengupta	M.Phil in PSW	2016-2018
13.	Atreyi Chatterjee	M.Phil in PSW	2016-2018
14.	Debjani Mahanti	M.Phil in PSW	2016-2018
15.	Prosakha Dey	M.Phil in PSW	2016-2018
16.	Rituparna Das	M.Phil in PSW	2016-2018

SERVICE INFORMATION

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 are:

Assessment:

- Psychosocial and Clinical assessment of individuals and family.

Psychosocial Intervention:

- For individuals: Social Case Work, Individual Counselling and various therapies. Social skills training for mentally challenge children and persons with schizophrenia.
- For group of people with special needs: Social Group Work and Group Therapies for: mentally challenge 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 behavioural problems and their families. Various group inversions will be started soon e.g. for Dementia care giver's and Life skill Education for Adolescents etc. (along with Department of Clinical Psychology).
- For families in need: Marital and Family Therapy, Crisis Management, Psychoeducation 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 Men Power Development:

- Department started Master of Philosophy in Psychiatric Social Work (M. Phil 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	57	73	83	48	36	110	84	76	60	44	38	709
Individual sessions (old)	162	248	289	296	275	377	394	344	221	284	279	3169
Individual sessions (new)	101	161	157	103	127	161	187	110	140	105	126	1478
Group Therapy												
MR	1	3	4	4	2	4	4	4	2	3	1	32
VT	4	3	4	4	3	3	4	2	3	3	2	35
Autism	1	1	1	1	1	1	1	1	1	1	1	11
OCD	4	2	3	2	4	3	4	1	3	0	2	28
Addiction	0	2	3	4	3	5	2	4	2	1	4	30
Depression	1	2	1	2	3	2	2	2	2	2	3	22
Home Visits	0	0	0	0	1	1	1	3	8	8	6	28
Institutional Visits	0	0	1	2	0	0	0	0	0	0	0	3

RESEARCH PROJECTS

Thesis completed & submitted as part of requirement for M.Phil in PSW Course:

- Mrs Jhila Bandyopadhyay (Guide: Mr Kamlesh Kumar Sahu; Co-guide: Dr Sikha Mukhopadhyay) "Need assessment of the families with a person with intellectual disability"

- Ms K.Divya (Guide: Mrs Ilora Barik Sil; Co-guide: Prof (Dr) Pradip Kumar Saha) "A Study on the difference in Perceived Stress, Anger Expression and Coping strategy between persons with Obsessive Compulsive disorder and Depressive disorder"
- Ms Debjani Palit (Guide: Mr Kamlesh Kumar Sahu; Co-guide: Dr Amit Bhattacharyya) "Assessment of Vocational and Rehabilitation needs of persons with intellectual disability"

Ongoing research as part of 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"

FACULTY NEWS

Mrs. Ilora Barik Sil

- Attended the dissemination of National Mental Health Survey Report of West Bengal held on 5th April 2017 at Institute of Psychiatry, COE, Kolkata.
- Lecture on "Family and Depression" on the Theme of World Health Day -'Depression- Let's talk' held on 7th April 2017 at Institute of Psychiatry, COE, Kolkata.
- Attended a one day Sensitization workshop on "Prevention of Drug Abuse" organized by Vishva-bharati, Shantiniketan in collaboration with NISD, New-Delhi on 3rd November, 2017.

Mrs. Soma Saha

Publications:

- Nicolet, D., Saha, S., Kampmann, L., Friteau, J., Fagniere, L., (2017). Le diabete de type II au sein des tribus Santals. Swiss Society for Internal Medicine Journal, doi: 10.4414/phc-f.2017.01574. published 30.08.2017 <<http://primary-hospital-care.ch/>>
- Pal, A., Saha, S., Sen, T. (2017). Psycho-social intervention with a case of conduct disorder. Bengal Journal of Psychiatry, July-December issue.
- Attended 44th Annual National Conference of Indian Association of Preventive and Social Medicine held on 10th – 12th February 2017 at Science City Auditorium, Kolkata.
- Pleasure Politics and Pagalpan: A National Conference on Sexuality, Rights and Psychosocial Disability held on 13th and 14th May 2017 at Gateway Hotel, Kolkata.
- Institutional visit (School)- Jawahar Navodaya Vidyalay, Banipur, North 24 Pargana held on 28th March 2017.

- Attended in “Users training and awareness program to participate optimum utilization of ERMED consortium E-journal access” held on 18th April 2017 at IPGMER (SSKM Hospital), Kolkata.
- Attended the dissemination of National Mental Health Survey Report of West Bengal held on 5th April 2017 at Institute of Psychiatry, COE, Kolkata.
- Attended in ‘Depression- Let’s talk’ held on 7th April 2017 at Institute of Psychiatry, COE, Kolkata.

Mrs. Rupa Chakraborty

- Attended workshop on “Implementing structured teaching towards independent living of persons with ASD” in APPA, West Bengal held on 10th January 2017, at Ramkrishna Mission Institute of Culture, Golpark, Kolkata.
- Attended in a workshop on “Assisted living and future planning for the persons with PWIDDA parent capacity building and empowerment programme” held on 11th January 2017 at Monovikas Kendra Kolkata.
- Attended world ‘Autism Awareness Day’ in Burdwan Swadhay Welfare Society held on 3rd April 2017.
- Attended the dissemination of National Mental Health Survey Report of West Bengal held on 5th April 2017 at Institute of Psychiatry, COE, Kolkata.
- Attended in ‘Depression- Let’s talk’ held on 7th April 2017 at Institute of Psychiatry, COE, Kolkata.

Ms. Oindrila Ganguly

- Attended in “On Transience: Japanese contribution to Psychoanalysis” by Dr. Osamu Kitayama held on 5th January 2017 at Ferunon lecture Hall, S.N. Bose National Centre for Basic Sciences, J.D. Block, Sector III (Near tank no. 14) Salt lake, Kolkata-16.
- Institutional visit (School)- Jawahar Navodaya Vidyalay, Banipur, North 24 Pargana held on 28th March 2017.
- Attended in “Users training and awareness program to participate optimum utilization of ERMED consortium E-journal access” held on 18th April 2017 at IPGMER (SSKM Hospital), Kolkata.
- Attended the dissemination of National Mental Health Survey Report of West Bengal held on 5th April 2017 at Institute of Psychiatry, COE, Kolkata.
- Attended in ‘Depression- Let’s talk’ held on 7th April 2017 at Institute of Psychiatry, COE, Kolkata.

Ms. Rituparna Jash

- Attended the dissemination of National Mental Health Survey Report of West Bengal held on 5th April 2017 at Institute of Psychiatry, COE, Kolkata.
- Attended in ‘Depression- Let’s talk’ held on 7th April 2017 at Institute of Psychiatry, COE, 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.

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 Dhokalpur BPHC, Pollan, 24 Paraganas, 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 is also planning to start BSC Nursing and Masters in Psychiatric Nursing in the next academic year.

RESEARCH

On-going Research as a part of department of Psychiatric Nursing

- Non-compliance of medication in patient with schizophrenia by Prof. Pradip Kumar Saha, Mrs. Asha Sivaraman & Mrs. Kalpana Dey.

FACULTY NEWS

Ms. Gita purkait (In-charge Cum Associate Professor)

Participated in many national and international conferences and training programs.

- Among those on psychiatry-
- 3 days ISPN National conference on prevention and management of Tobacco Addiction in India in 2013
- 1 day continuing Nursing Education program on "Mental Health Nursing Emergencies" in 2014.
- Speech given on Workshop on Process Recording
- Attended TNAI Conference
-

Organized two Workshops,

- Done BLS (Basic Life Support) and ACLS (Advanced Life Support) training two times from R. N. Tagore Hospital and B. M. Birla Heart Research Centre, Kolkata,
- Life Member of TNAI and ISPN (Indian Society of Psychiatric Nurses) at Professional level
- 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 (Unpublished)

- "A study of the stress experienced and coping strategies adopted by the mothers of the children suffering from leukemia in a selected hospital at Kolkata" in 2009-2011"

Mrs .Payel Saha (Coordinator of DPN Course and Assistant Professor)

- Attended National WORKSHOP On Research Methodology-"Transversing pathway" in St. John college of Nursing
- 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"
- Done a Certificate Course on Nutrition from Indira Gandhi National University
- Professional Membership of TNAI
- Speaker on Bi- centenary Celebration Programme in Institute of Psychiatry - COE on CASE REPORT - Dissociative Conversion Disorder

Mrs. Kalpana Dey

- Attended seminar organized by Indian Psychiatric Society
- Attended TNAI Conference

Mrs. Asha Sivaraman

Resigned on 31/10/2017

DEPARTMENTAL ACTIVITIES

- Regular academic activities
- As per INC norms Clinical Duties done by the Students
- Community Posting at Sub-Centre, Kulerdari, Pailan Hat
- Regular case Presentations and 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

STATISTICAL REPORT

ASSIGNMENTS	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
CASE WORK-UP		11		16	16	18							61
CHILD CLINIC					10	10			17				37
DEADDICTION CLINIC									10				10
INPATIENT CASE STUDY									4	2	4		10
INPATIENT CASE PRESENTATION									4	2	4		10
GROUP THERAPY										2		2	4
HOME VISIT							42	12					54
HEALTH EDUCATION			6	6				6	6	4			28
COMMUNITY OUTREACH PROGRAM								4					4
SCHOOL MENTAL HEALTH PROGRAM								1					1

DEPARTMENT OF PSYCHIATRY BIO-CHEMISTRY & PSYCHIATRY-PATHOLOGY

WORK FLOW FOR THE DEPARTMENT OF PATHOLOGY, IOP – CENTRE OF EXCELLENCE, KOLKATA (2017)

The department of Pathology-IOP, Centre of Excellence, Kolkata was envisioned under guidance of Dr. P. Saha in 2013.

The materialize this, Dr. M. Banerjee and Ms. Rita Guha were employed in November 2013. The proposed building was under construction - so a standwise space was demarketed 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 Dr. P.K.Saha for approval. Subsequently, three 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 two rooms earmarked for Clinical Pathology and Molecular Biology are still in progress. The reception and Phlebotomy rooms are also under minor renovation.

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.

Test Menu for each Department has been made in consultation with Doctors according to Departmental requirements.

In the meantime, Dr. M. Banerjee attended NABL Audit Courses to be a certified Internal Auditor. In accordance with guidelines led down ISO 15189, 2012.

The departmental staff 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, Psychology, Lab Safety precaution, Bio-medical Waste disposal, Phlebotomy, Critical Call policy, Staining procedures, Manual tests, Lab Softwares and so on.

As we eagerly await for the sanction of the instruments, we at the Lab have worked tirelessly to put together every possible aspect of knowledge pertaining to good Lab practices and sincerely pledged to work towards it to make IOP, Kolkata indeed a Centre for Excellence and in the Path Lab the first NABL accredited one for IPGME&R.

Recent Academic Roster of the Department of Psychiatry, IOP-COE, IPGME&R, Kolkata

Time 1:00 – 2:30 PM

TOPIC	LECTURER	DATE	Day
Depression & its comorbidities	Prof. P. K. Saha	06-Nov-2017	Monday
Mood disorders - phenomenology	Dr. Nikhilesh Mondal	07-Nov-2017	Tuesday
Alcohol dependence syndrome	Dr. P. S. Biswas	08-Nov-2017	Wednesday
Mood disorders - management	Prof. A. K. Bhattacharjee	09-Nov-2017	Thursday
Neurobiology of addiction	Dr. Ps Biswas	10-Nov-2017	Friday
Management of bipolar depression	Prof. A. K. Bhattacharjee	11-Nov-2017	Saturday
Schizophrenia phenomenology	Dr. Indranil Saha	13-Nov-2017	Monday
Schizophrenia etiology 1	Dr. Sujit Sarkhel	14-Nov-2017	Tuesday
Neurodevelopmental hypothesis of f20	Dr. Paromita Roy	15-Nov-2017	Wednesday
Schizophrenia neurobiology	Dr. Indranil Saha	16-Nov-2017	Thursday
Reward circuit	Dr. Rekha Chakraborty	17-Nov-2017	Friday
Schizophrenia etiology 2	Dr. Sujit Sarkhel	20-Nov-2017	Monday
Schizophrenia management	Prof. P. K. Saha	21-Nov-2017	Tuesday
Third psychosis	Dr. Sujit Sarkhel	23-Nov-2017	Thursday
Schizophrenia course & prognosis	Prof. A. K. Bhattacharjee	25-Nov-2017	Saturday
Mood disorders - etiology	Dr. Indranil Saha	27-Nov-2017	Monday
OCD - phenomenology	Dr. Nikhilesh Mondal	28-Nov-2017	Tuesday
OCD - neurobiology	Dr. Prathama Guha	30-Nov-2017	Thursday
Panic disorders	Dr. Paromita Roy	01-Dec-2017	Friday
OCD - management	Prof. A. K. Bhattacharjee	02-Dec-2017	Saturday
GAD	Dr. Anirban Ray	11-Dec-2017	Monday
TR-OCD	Prof. P. K. Saha	12-Dec-2017	Tuesday
Opioid use disorder	Dr. P. S. Biswas	14-Dec-2017	Thursday
Cannabis & psychiatry	Dr. P. S. Biswas	15-Dec-2017	Friday
Recurrent depressive disorders	Dr. Prathama Guha	16-Dec-2017	Saturday
TRS	Prof. P. K. Saha	18-Dec-2017	Monday
D(c)D	Dr. Nikhilesh Mondal	19-Dec-2017	Tuesday
SLD	Dr. Anirban Ray	21-Dec-2017	Thursday
Inhalant use disorder	Dr. Sikha Mukhopadhyay	22-Dec-2017	Friday
DUP	Dr. Argha Haldar	23-Dec-2017	Saturday
ASD	Prof. P. K. Saha	26-Dec-2017	Tuesday
Schizoaffective disorders	Dr. Indranil Saha	27-Dec-2017	Wednesday
ADHD	Dr. Anirban Ray	28-Dec-2017	Thursday
Mental health care bill	Dr. P. S. Biswas	29-Dec-2017	Friday
Catie & Catlass	Dr. Argha Haldar	30-Dec-2017	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 for legal help to the mental ill patients.

Pulmonary Medicine (Chest)

The Department of Pulmonary 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.

STAFF

Faculty

Name	Degrees	Post/ Designation
Dr. Somenath Kundu	MD	Professor & Head
Dr. Surajit Chatterjee	MD, FCCP (USA)	Assistant Professor
Dr. Ritabrata Mitra	MD, FCCP (USA)	Assistant Professor
Dr. Ranjit Kumar Halder	MD	Assistant Professor

Medical Officers

Name	Degrees	Post/ Designation
Dr. Amit Karmakar	MBBS	MO (Senior Resident)
Dr. Samar Das	MBBS	MO (Senior Resident)

Junior Residents

SESSION 2015-2018	SESSION 2016-2019	SESSION 2017-2020
Dr. Subhajit Sen	Dr. Subhankar Bera	Dr. Arindam Sinha
Dr. Rituparna Bose	Dr. Purnendu Dash	Dr. Koj Yasa
Dr. Raiza Hameed	Dr. Arindam Dutta	

Publications in last 3 years

Prof. Somenath Kundu

- Clinical profile of tubercular empyema with special reference to diagnostic role of cartridge based nucleic acid amplification test (CBNAAT). J Clin Diag Res 2017; 11(10): OC 01 – OC 05.
- Non-tubercular empyema thoracis - A comparative analysis of gram positive and gram negative organism associated empyema. J Evol Med Dent Sci 2017;6.
- Anti-p-benzoquinone antibody level as a prospective biomarker to identify smokers at risk for COPD. Int J COPD 2017; 12: 1847-56.

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 experience. J Assoc Chest Physicians 2016; 4: 63-70.

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 epitheloid hemangioendothelioma. Oman Medical Journal 2015,
- Oxcarbamazepine induced maculopapular rash—A case report. Journal of clinical and diagnostic research 2015;9(1):01-02.

FACULTY NEWS & STUDENT INFORMATION

- All faculty members attended the National Conference NAPCON 2017 held at Kolkata.
- Dr. Ritabrata Mitra conducted workshop on spirometry.
- Prof. Somenath Kundu attended as panelist on symposium on ' Training and Mentorship'.
- Dr. Surajit Chatterjee chaired a session on critical care.
- Residents of the department presented posters in NAPCON 17
- All faculties attended & presented papers in ACPCON 2017
- Residents Dr. Subhajit Sen, Dr. Rituparna Bose, Dr. S. K. Lala, Dr. Somenath Sinha Roy won prizes in ACPCON 2017.
- Prof. Somenath Kundu was convener and examiner MD Pulmonary Medicine 2017 of WBUHS.

ONGOING RESEARCH WORK

- A study on changes of clinical and arterial blood gas parameters in patients of primary and secondary spontaneous pneumothorax before and after tube thoracostomy. (Prof. S. Kundu, Dr. Subhojit Sen).
- A study of risk factors of lung cancer and its relation with pathological types and staging. (Prof. S. Kundu, Dr. Surajit Chatterjee, Dr. Rituparna Bose)
- A study on factors associated with hospitalization among tuberculosis patients: A cross sectional study in a tertiary care hospital. (Prof. S. Kundu, Dr. Ritabrata Mitra, Dr. Raiza Hameed)
- A study on diagnostic importance of Cartridge Based Nucleic Acid Amplification Test in pulmonary and extra pulmonary tuberculosis (Prof. S. Kundu, Dr. Subhankar Bera)
- Role of fiberoptic Bronchoscopy and thoracic computerized tomography in the diagnostic work up of cases of moderate to severe hemoptysis admitted in a tertiary care hospital (Prof. S. Kundu, Dr. Surajit Chatterjee, Dr. Purnendu Dash)
- A study on etiology and 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. Arindam Sinha).

SERVICE INFORMATION

Present unit composition and OPD days:

Unit	Name	OPD days
I A	Prof. Somenath Kundu	Monday , Thursday 1st, 3rd, 5th
I B	Dr. Surajit Chatterjee	Tuesday, Friday: 2nd, 4th, 5th (rotational)
I C	Dr. Ritabrata Mitra	Wednesday, Friday: 1st, 3rd, 5th (rotational)
I D	Dr. Ranjit Kumar Halder	Saturday, Thursday: 1st, 3rd

OPD attendance

New patients 33511	Male	19968
	Female	13543
Old patients 23668	Male	14226
	Female	9442
	Total cases	57179

Emergency services	
Nebulization -	3789
Thoracocentesis-	1087
RNTCP SERVICES	
Total sputum examination	2379
Total no of sputum positive	180
Total Indoor Patients put on DOTS	476
Total Outdoor Patients given DOTS from SSKM PHI	49
Total patients referred from outside Kolkata	855
Total patient referred from within Kolkata	250
Total MDR cases	38
CBNAAT diagnosis pulmonary and extra pulmonary TB	934

Daily DOTS started for both adult & pediatric TB cases from 01.11.17.

SPIROMETRY: Total No. of PFT done (01.01.17 to 30.11.17):- 3678.

Indoor patients**Bed strength : 54**

Total admissions	1405
Bed occupancy	96%
Bed turnover	12.4 days

Interventions

The department manages all forms of respiratory interventions including pleural aspirations, biopsy, intercostals tube drainage, fibreoptic bronchoscopy and lung biopsy, image guided biopsy (USG,CT), spirometry and non-invasive ventilation.

SN	Procedure	No.
1.	Thoracocentesis	1083
2.	Pleural Biopsy	131
3.	Intercostal Tube drainage	301
4.	Fibreoptic 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 and critical care	734

Radiodiagnosis

STAFF

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
Dr. Nihar Ranjan Sarkar	MBBS, MD	Associate Professor
Dr. Archana Singh	MBBS, MD	Associate Professor
Dr. Sumit Chakrabarty	MBBS, MD	Assistant Professor
Dr. Samir Rana	MBBS, MD	Assistant Professor
Dr. Sudipta Saha	MBBS, MD	Assistant Professor
Dr. Samiran Samanta	MBBS, DMRD	RMO cum Clinical Tutor
Dr. Dinendra Kumar Saha	MBBS, MD	RMO cum Clinical Tutor
Dr. Susanta Singha	MBBS	Tutor
Dr. A. K. M. Wasim Rahman	MBBS	Tutor
Dr. Koushik Bairagi	MBBS	Tutor

Postgraduate (MD) trainees

3rd Year (2015-2018)	2nd Year (2016-2019)	1s Year (2017-2020)
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)	Dr. Annapurna Patwari Dr. Taraknath Biswas Dr. Dinabandhu Dey Dr. Jyotish Roy Dr. Bijayalaxmi Gayari Dr. Krishnendu Deb Dr. Lakshmi Ram Mahali 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

FACULTY NEWS

Prof. Utpalendu Das

- Internal Examiner and Chairperson of MD Radiology WBUHS
- External Examiner of MD Radiology of different states- like Tripura, Assam, Odisha.
- Head of the Department of Radiodiagnosis, IPGME&R and SSKM Hospital
- Attended IRIA State and National Conferences in 2017.
- Acted as Chair Person in National Conference of Indian Society of Musculo -Skeletal Radiology in 2017.
- Acted as Immediate Past President of IRIA West Bengal State Chapter.
- Teaching of MD students.
- Thesis guide of PGTs.

Publications

- Role of exponential apparent diffusion co-efficient in characterizing breast lesions by 3.0 Tesla diffusion weighted MRI. Indian Journal of Radiology and Imaging 2017; 27:229.
- Role of single voxel Proton Magnetic Resonance Spectroscopy on a 3Tesla MR scanner in characterizing breast lesions – a tertiary care center experience in entire India. J Evid based Med Health C 2016; 3: 2349 -2570.

Prof. Madan Karmakar

Publications

- Hepatobiliary ascariasis with parasitic liver abscess evaluation by USG – Dr. Madan Karmakar, Dr. Debabrata Kundu : IMJ Volume 102. No. 1
- Fetal ascites as a cause of dystocia – our experience – Madan Karmakar et. al. : Indian Journal of Perinatology and Reproductive Biology : Volume 20. No 1

- Case Report – Uterine Arteriovenous Malformation As a Rare cause of Menorrhagia – Dr Madan Karmakar et. al. OJHAS Vol 7 Issue 3(4)
- Wilkie's syndrome : Review of eight cases – Dr. Madan Karmakar et. al. : Acta Gastroenterologica Latino Americana – Vol 43 / No 3/ Septiembre 2013
- Mediastinal amyloidoma presenting as dysphagia with computed tomography findings – a rare case report – Dr. Madan Karmakar et. al. : Indian Journal of Thoracic and Cardiovascular Surgery , DOI 10.1007/s12055-013-0197-1
- Ghosal hematodiaphyseal dysplasia with myelofibrosis – Dr. Madan Karmakar et. al. : Indian Journal of Paediatrics , DOI 10.1007/s12098-012-0872-z
- Case Report – Jejuno gastric intussusceptions Review of three cases – diagnosis and management – Dr. Madan Karmakar et. al. : European Surgery (2010) 42/4: 190 -193.

Dr. Nihar Ranjan Sarkar

- DRD Examiner (External) 2017 at RTIICS, Kolkata and Suraksha Diagnostic Center, Phoolbagan Kolkata.
- Guide & Co-guide of Thesis Paper of P.G. Students of Radiology and G&O.
- Teaching of M.D. and D.R.D. (Tech) students.
- Attended IRIA State and MSK Conference in 2017.

Publications

- Determination Of age from the length of clavicle using digital X-Ray in adolescent subjects: a preliminary study in Adolescent Bengali --- Dr Nihar Ranjan Sarkar, Dr Partha Pratim Mukhopadhyay, Published in Indian Journal of Forensic Medicine & Toxicology volume -9 (July – December 2015).
- Sex determination from clavicular length and mid shaft diameter using digital x- ray in Indian Bengali population :a preliminary Study. Published in Indian Journal of Forensic Medicine & Toxicology volume - 9(January- June 2015).
- A comparative study of efficacy of ultrasound guided intra articular steroid injection through glenohumeral versus subacromial approach in the treatment of adhesive capsulitis. Published in Indian Journal of Physical Medicine and Rehabilitation ,volume -25(September 2014)

Dr. Archana Singh

- DRD Examiner (External) 2017 at IPGME & R, Kolkata.
- Co-guide of Thesis Paper of P.G. Students of Radiology and G&O.
- Teaching of M.D. and D.R.D. (Tech) students.

Publications

- Role of exponential apparent diffusion co-efficient in characterizing breast lesions by 3.0 Tesla diffusion weighted MRI. Indian Journal of Radiology and Imaging (IJRI) 2017; 27:229.
- Comparative study of dual energy X-ray absorptiometry scan and conventional radiography in early detection of renal osteodystrophy J. Evid. Based. Med Healthc. 2349 – 2570 , volume – 3/Issue – 95/Nov.28th,2016
- Role of single voxel Proton Magnetic Resonance Spectroscopy on a 3Tesla MR scanner in characterizing breast lesions – a tertiary care center experience in entire India. J. Evid. Based Med. Health C. ,pISSN – 2349 – 2562, eISSN – 2349 -2570 , Volume – 3 /Issue 96 /1st December , 2016
- Contrast dynamic MR imaging in Hirayama disease on a 3-tesla MRI scanner in a tertiary care centre in eastern India. J. Evid. Based Med. Healthc., pISSN - 2349-2562, eISSN- 2349-2570, Vol. 4/ Issue -36
- How successful is colour flow mapping and pulse Doppler studies in predicting histologically confirmed benign and malignant adnexal masses in perimenopausal women. International journal of reproduction contraception obstetrics and gynecology 2017 December: 6(12) pISSN 2320- 1770 / eISSN 2320 – 1789
- Case report: Multiparametric 3T MRI evaluation of hereditary spastic paraplegia: A case report. Indian Journal of Radiology and Imaging 2016; 26:328-31.

Dr. Sumit Chakraborty

- Appointed as external examiner of DRD. students in VIMS. From 2013 till date.
- Appeared as guest Lecturer in Neuro Degenerative disease conference organized by Calcutta University and Institute of Neurosciences , Kolkata in February 2017.
- Presented "Imaging of Neuro degenerative disease" in a CME organized by West Bengal State Chapter of Indian Radiological and Imaging association held in March, 2017.
- Co-PI.in NBRC project on structural and functional brain mapping.

Publications

- Subclinical Atherosclerosis and Endothelial Dysfunction in Patients with Early Rheumatoid Arthritis as Evidenced by Measurement of Carotid Intima-Media Thickness and Flow-Mediated Vasodilatation: An Observational Study. *Seminars in Arthritis and Rheumatism*. doi:10.1016/j.semarthrit.2011.08.003 Maitrayee Chatterjee Adhikari, MSc, Aharna Guin, MSc, Sumit Chakraborty, MBBS, Pradyot Sinhamahapatra, MD and Alakendu Ghosh, DNB
- Effects of disease modifying anti-rheumatic drugs on subclinical atherosclerosis and endothelial dysfunction which has been detected in early rheumatoid arthritis: 1-year follow-up study. *Seminars in Arthritis and Rheumatism*. doi:10.1016/j.semarthrit.2012.12.027. Aharna Guin, MSc, Maitrayee Chatterjee Adhikari, MSc, Sumit Chakraborty, MD, Pradyot Sinhamahapatra, MD, Alakendu Ghosh, DNB.
- Ultrasonography as a useful modality for documenting sacroiliitis in radiographically negative inflammatory back pain: a comparative evaluation with MRI. *Rheumatology journal*. doi:10.1093/rheumatology/keu220
- Alakendu Ghosh, Sumantro Mondal, Debanjali Sinha, Arijit Nag and Sumit Chakraborty.
- Face of the giant panda sign in Wilson disease. *S Afr J Rad* 2013;17(3):104. S Chakraborty, MBBS, MD (Radiodiagnosis); S Mondal, MBBS, DMRD; D Sinha, MBBS; A Nag, MBBS.
- Cobb's collar occurring in two brothers in a family: A rare entity revisited. *Indian Journal of Radiology and Imaging* / February 2014 / Vol 24 Issue 1. DOI:10.4103/0971 3026.130714. Partha Pal, Sayantan Ray, Arunansu Talukdar, Nikhil Sonthalia, Sumit Chakraborty.
- Imaging of compound palmar ganglion with pathologic correlation. *SAJR*. doi:10.4102/sajr.v18i1.654 Sourav Talukder, Anindya Bandyopadhyay, Shamick Biswas, Sumit Chakraborty, Suchismita Chakrabarti.
- Cribriform pattern in brain MRI: A diagnostic clue for mucopolysaccharidoses. *S Afr J Rad* 2013;17(4):147-148. S Biswas, MBBS; S Chakraborty, MBBS, MD (Radiodiagnosis).
- Hemichorea-Hemiballism as the First Presentation of Type 2 Diabetes. Sayantan Ray, Sukharanjan Howlader, Sumit Chakraborty, Partha Pratim Chakraborty. and Sujoy Ghosh. *Clinical Diabetes*. Vol33, No.2, Spring 2015, DOI: 10.2337/diaclin.33.2.87
- MRI characterization of temporal lobe epilepsy using rapidly measurable spatial indices with hemisphere asymmetries and gender features. *Neuroradiology*. Springer-Verlag Berlin Heidelberg 2015. DOI 10.1007/s00234-015-1540-6. Siddhartha Datta & Sudipta Sarkar & Sumit Chakraborty & Sai Krishna Mulpuru & Swadhapriya Basu & Basant K. Tiwary & Nilkanta Chakrabarti & Prasun Kumar Roy.
- Cobb syndrome: A rare cause of paraplegia. *Annals Case Reports*. doi : 10.5214/ans.0972.7531.220312 Partha Pal, Sayantan Ray, Sumit Chakraborty, Subhasish Dey, Arunansu Talukdar.
- Automated Detection and Classification of Mass from Breast Ultrasound Images Date Added to IEEE Xplore: 13 June 2016 Electronic ISBN: 978-1-4673-8564-0
- Hypoglossal nerve schwannoma – Published in case of the week category in American Journal of Neuroradiology. Dr. Sumit Chakraborty , Dr. Anoop & Dr. M. Karmakar.

Dr. Sudipta Saha

- Teaching of M.D. and D.R.D. (Tech) students.

Publications

- Vitamin D supplementation reduces thyroid peroxidase antibody levels in patients with autoimmune thyroid disease: An open-label randomized controlled trial - *Indian Journal of Endocrinology and Metabolism*; Year : 2016 | Volume : 20 | Issue : 3 | Page : 391-398.
- Deterioration of ovarian function after total abdominal hysterectomy with preservation of ovaries : *endocrine practice*: Vol 22 No. 12 December 2016
- MRI findings of meningioma in various locations: a pictorial review: *PJR* July - September 2015; 25(3): 106-111
- A rare case of basilar tip aneurysm : *PJR* April - June 2016; 26(2): 126-128
- Frontonasal Meningoencephalocele In 3t Mri; A Case Report: *PJR* January - March 2016; 26(1): 56-58.
- Kienbock's Disease: Diagnosis By Mri (Magnetic Resonance Imaging) In A Patient With Normal Radiographic Features: *PJR* April - June 2016; 26(2): 137-139
- Sinus Pericranii: A Case Report : *PJR* April - June 2016; 26(2): 124-125
- Transient Lateral Subluxation Of Patella :Typical Mri (3t) Findings : *PJR* April - June 2016; 26(2): 131-133

Dr . Samir Rana

Publications

- Transmural invasion of hepaticflexure of colon causing cholecystocolic fistula by aggressive gallbladder carcinoma. World Journal Of Surgical Oncology-2013
- Asymptomatic broncho – esophageal fistula due to tuberculous cavitary lesion. Case 9750, EURO RAD :2012,MAR.16.
- Disseminated intra-abdominal echinococcosis. NJR/VOL.2/ISSUE 1/Jan – June, 2012.

Dr. Samiran Samanta

- Attended IRIA state and national conferences in 2016.
- Teaching of DRD & MD students.

Publications

- MRI findings of meningioma in various locations: a pictorial review: PJR July - September 2015; 25(3): 106-111.
- A Rare Case Of Basilar Tip Aneurysm : PJR April - June 2016; 26(2): 126-128.
- Frontonasal Meningoencephalocele In 3t Mri; A Case Report: PJR January - March 2016; 26(1): 56-58.
- Kienbock's Disease: Diagnosis By Mri (Magnetic Resonance Imaging) In A Patient With Normal Radiographic Features: PJR April - June 2016; 26(2): 137-139.
- Sinus Pericranii: A Case Report : PJR April - June 2016; 26(2): 124-125
- Transient Lateral Subluxation Of Patella :Typical Mri (3t) Findings : PJR April - June 2016; 26(2): 131-133.

Dr. Dinendra Kumar Saha

- Internal DRD Examiner in IPGME&R
- Teaching DRD Students of IPGME&R..

REGULAR ACADEMIC ACTIVITIES

- Clinical Meetings are held on every Friday & Saturday.
- Presentation of papers, journal clubs, and film reading seasons are held on every Wednesday.
- The department is utilizing PG students in radiography, dark-room job, independent decision making for smooth running of the department.
- Students of this department are given opportunity of exposures on CT scan and angiography at BIN and Cardiology Department of this institution.

Thesis work submitted

Dr. Pooja Shah	MR evaluation of non traumatic non neoplastic cervical myelopathy
Dr. Sushanta Sarkar	Role of HR-MRI and carotid doppler study in the evaluation of atherosclerotic changes of carotid vessels.
Dr. Manisha Agrawal	A comparative study of multimodality imaging in hemophilic arthropathy patients.
Dr. Monalisa Hazra	MRI of traumatic knee joint and arthroscopic correlation.
Dr. Amit Mondal	Imaging evaluation of inflammatory bowel disease by MR enterography with colonoscopic correlation.
Dr. Chhabi	Comparative study of MR mammography and sono mammography in characterization of breast masses and its histopathological correlations
Dr. Dinesh Jain	Detection of Intracranial aneurysm in non traumatic SAH –16 slice CT angiography with 3D reconstruction versus DSA with 3D reconstruction
Dr. Ashish Patil	Role of Doppler flow velocimetry and transcerebellar diameter in IUGR.

Thesis work ongoing

Dr. Annapurna Patwari	Pre –operative assessment of perianal fistula by MR fistulogram and its correlation with operative findings and postoperative 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 ischemic 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 clino-radiological & EMG-NCV correlation.

Departmental publications (PGTs)

01. Automated detection and classification of mass from breast ultrasound images.	Shweta Kothari, Sumit Chakraborty	Electronic ISBN: 978-1-4673-8564-0
02. Vitamin D supplementation reduces thyroid peroxidase antibody levels in patients with autoimmune thyroid disease: An ope-label randomized controlled trial.	Sudipta Saha	Indian J Endocrin Metab 2016; 20: 391-8.
03. Deterioration of ovarian function after total abdominal hysterectomy with preservation of ovaries : endocrine practice.	Sudipta Saha	Endocrine Practice 2016; 22.
04. MRI findings of meningioma in various locations: a pictorial review.	Koushik Kumar Nayak, Sudipta Saha, Samiran Samanta	PJR July - September 2015; 25(3): 106-111
05. A rare case of basilar tip aneurysm.	Liyakat Ali Chowdhury, Sudipta Saha, Samiran Samanta	PJR April - June 2016; 26(2): 126-128
06. Frontonasal meningoencephalocele in 3t mri; a case report	Santanu Mandal, Suadipta Saha, Samiran Samanta, Surajit Das	PJR January - March 2016; 26(1): 56-58
07. Kienbock's disease: diagnosis by MRI (magnetic resonance imaging) in a patient with normal radiographic features.	Sujata Bhowal, Sudipta Saha, Surajit Das, Samiran Samanta	PJR April - June 2016; 26(2): 137-139
08. Sinus pericranii: a case report.	Sumit Majumder, Sudipta Saha, Samiran Samanta	PJR April - June 2016; 26(2): 124-125
09. Transient lateral subluxation of patella :typical MRI (3T) findings .	Moon Kanjila, Sudipta Saha, Surajit Das, Samiran Samanta	PJR April - June 2016; 26(2): 131-133

SERVICE INFORMATION

Conventional X-ray

Month	Total cases	Total exposure	15x12 Film	12x10 Film	10x8 Film			
Dec, 2016 to Nov, 2017	25674	42645	19745	7014	3046			
IVU	Barium meal	Barium swallow	Barium enema	Distal cologram	Fistulogram	ASU & MCU	T-Tube	HSG
165	160	121	102	150	360	498	85	52

Digital X- ray

Month	Total cases
Dec, 2016 to Nov, 2017	103115

IVU	Barium meal	Barium swallow	Barium enema	Distal cologram	Fistulogram	ASU & MCU	T-Tube	HSG
1141	225	25	71	05	36	1455	22	520

Ultrasonography

Month	Total cases
Dec, 2016 to Nov, 2017	48356

CT scan

Month	Total cases
Dec, 2016 to Nov, 2017	35674

MRI (3 Tesla)

Month	Total Cases	Total Investigations	Film Expenses
Dec, 2016 to Nov, 2017	9565	10990	24879

Special MRI done at IPGME&R and SSKM hospital

- 1) MR ANGIOGRAPHY
- 2) MRCP
- 3) MR UROGRAPHY
- 4) CARDIAC MRI
- 5) MR VENOGRAPHY
- 6) MR LYMPHANGIOGRAPHY
- 7) MRI BRACHIAL PLEXUS
- 8) MR FISTULOGram
- 9) DYNAMIC MRI (FLEXION-EXTENSION) OF SPINE
- 10) DYNAMIC CONTRAST ENHANCED MRI
- 11) MR SPECTROSCOPY
- 12) PERIPHERAL ANGIOGRAPHY
- 13) LIVER SPECTROSCOPY
- 14) MRI OF INDIVIDUAL JOINTS (SHOULDER , ANKLE , WRIST , ELBOW)
- 15) MR PERFUSION
- 16) FUNCTIONAL MRI
- 17) FETAL & NEONATAL MRI
- 18) MR MYELOGRAPHY
- 19) MR ENTEROCLYSIS
- 20) MR INTERNAL AUDITORY MEATUS

Radiotherapy

Faculty

Name	Qualifications	Designation
Prof. (Dr.) Siddhartha Basu	DMRT, MD (RT)	Professor & Head
Prof (Dr.) Santanu Pal	MD (RT)	Professor
Prof (Dr.) Alope Ghosh Dastidar	MD (RT)	Professor
Dr. Bidhisha Ghosh Naskar	DCH, MD (RT)	Associate Professor
Dr. Kiran Shankar Bhattacharya	MD (RT)	Assistant Professor
Dr. Koushik Chatterjee	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. Suparna Kanti Pal	DMRT, MD (RT), PGDMLE	RMO cum Clinical Tutor
Dr. Harris Md Sepai	MD (RT), DNB	RMO cum Clinical Tutor
Dr. Pratyusha Mukherjee	MD (RT)	RMO cum Clinical Tutor

MEDICAL OFFICERS

Name	Qualifications	Designation
Dr Chandan Banerji	DGO, DMRT	Medical Officer
Dr Dharmendra Singh	MD (RT)	Medical Officer
Dr Soma Halder	MD (RT)	Medical Officer

Junior Residents

Course MD (RT)		
1 st year	2 nd year	3 rd year
Victor Modal	Amit Saklani	Alok Dut Sarkar
Upasana Kundu	Bidhan Chandra Mondal	Kaustav Chatterjee
Lakshmi R Senoi	Annesa Lahiri	Purna Singh
Rajarshi Goswami	Arnab Roy	Pritam Kumar Sardar
Susmita Biswas	Suman Meyur	Rejakul Islam
Amit Bala		

Course DMRT	
1 st year	2 nd year
Neerajita Paul	Sounik Das
Saikat Bhowal	Angsuman
Soumendu Bannerjee	Raja Bhowmik

New postings

1. Dr. Pratyusha Mukherjee joined the department as RMO CUM Clinical tutor
2. Dr. Dharmendra Singh & Dr. Soma Halder joined the department as Medical Officer after passing their MD (RT).

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.

Prof. Alope Ghosh Dastidar

- Thesis guide for MD (Radiotherapy) students.
- Examiner of WBUHS.
- Examiner for MD –Radiotherapy of Assam University and Osmania University, A.P.
- Attended International & National level Conferences.
- Published in national and international journals.

Dr. Kiran Shankar Bhattacharya

- Coordinator for DRT course.

Dr. Koushik Chatterjee

- Attended International & National level Conferences.

Dr. Anindya Chakraborti

- Attended National & State Conferences & Workshop.

Dr. Bikramjit Chakraborti

- Attended International & National level Conferences.

Dr. Sumana Maiti

- Attended International & National level Conferences.

Dr. Suparna Kanti Pal

- Attended International & National level Conferences.

Dr. Harris MD Sepai

- Attended International & National level Conferences.

Publications from the department

1	Comparison of dose volume parameters evaluated using three forward planning-optimizing techniques in cervical cancer brachytherapy involving two applicators	Bikramjit Chakraborti, Somapriya basu Roy, Sanjay kumar kar , Souk Das, Annesa lahiri	Journal of Contemporary Brachytherapy
2	A cross sectional study on the prevalence and risk of lymphedema in carcinoma breast	Vishnui Gopal, Avinab Acharya, Vasudha narayanswamy, Santanu pal	Asian Journal of Pharmaceutical and clinical research
3.	Incidence and characteristics if EGFR mutation in NSCLC (adenocarcinoma histology) : A report of 106 patients from Kolkata	Koushik Chatterjee, A Ray, B Chattopadhyay	Indian Journal of cancer

Conference presentations from the Department

Indian Cancer Congress 2017, Bengaluru	Interfraction variations of dose point A, Bladder and rectal points in locally advanced carcinoma cervix patients treated with HDR Fletcher suite applicator	Dr. Sounik Das	PGT (DMRT)
	Growing burden of cancer in West Bengal: A retrospective study	Dr. Annesha Lahiri	PGT (MD)
	A prospective comparative study of health related quality of life and fatigue component in hypofractionated and conventional fractionated radiotherapy in adjuvant setting of breast cancer.	Dr. Arnab Roy	
	Carcinoma gall bladder & periampullary carcinoma in a tertiary medical college in India - an epidemiological study.	Dr. Perna Singh	PGT (MD)
	Assembled multichannel Vaginal cylinder based brachytherapy vs single channel vaginal cylinder based brachytherapy: A dosimetric comparison.	Dr. Kaustav Chatterjee	PGT (MD)
	A pilot study to evaluate the feasibility and acceptability of use of mehendi as skin marker in patients undergoing conventional radiation in a tertiary medical college in India.	Dr. Suparna Kanti Pal	RMO Cum Clinical Tutor

Academic schedule

The Radiotherapy as a teaching department has regular classes, Journal clubs, seminars and panel discussion as per pre-notified schedule.

Apart from that 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.

Statistics from 1st January 2017 to 30th November 2017

- New patients in OPD – 3674 (11 Months) Total patients in OPD – 31432 (11 Months)
- Total no patients admitted – 6064 (11 Months)
- No of brachytherapy procedures performed – 560 (11 Months)
- No of patients treated with EBRT – 816 (11 Months)
- No of chemotherapy as day care basis – 3696 (11 Months)
- Patients for Tumour Board – 1843 (11 Months)
- 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 department of Pathology. Till date around 132 patients had undergone the procedure.
- The department conducts Tumour board every Tuesday and Fridays. All admissions compulsorily require recommendation by Tumour board.

Rheumatology

FACULTY

Designation	Name & qualification
Professor & Head	Dr. Alakendu Ghosh, DNB (Medicine), FRCP (Lond.)
Professor	Dr. Parasar Ghosh, MD (Medicine), DM (Clinical Immunology)
Associate Professor	Dr. Pradyot Sinhamahapatra, M.D.(Medicine), DNB (Medicine)
Assistant Professors	Dr. Subhankar Halder, M.D.(Medicine)
	Dr. Hira Manik Sit, M.D.(Medicine)
Radiologist	Dr. Debasish Lahiri MBBS, DMRD

DM Residents, SR, Housestaff

Senior Resident	Dr. Rudra Prasad Goswami, MD, DM
DM Student 3rd Year	Dr. Geeta Bali Sircar, MD
	Dr. Debanjali Sinha, MD
DM Student 2nd Year	Dr. Deepak Rath, MD
	Dr. Dipendra Nath Ghosh, MD
DM Student 1st Year	Dr. Ankit Patawari, MD
	Dr. Basil Paul, MD

PhD Scholars

PhD Scholars, SRF, JRF	Ayindrila Saha Basak Sudipta Chatterjee Sanchaita Misra	Dipanjana Bhattacharjee Sulagna Chatterjee Satarupa Dutta
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Sisters

Indoor/Outdoor/Day care	Chhanda Dev – Sister in charge Sumita Hore – Day care Ranjana Dutta Joyeeta Bar Sudeshna Banerjee	Keka Panchadhyai Kaberi Dey Namita Chakraborty Antara Ganguly
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Lab and Office staffs

Laboratory Technician	Halim Molla Bikash Chandra Purkait Tamali Mondal	Reshmi Pal V. Sarita Patnayk Mita Karu
Clerical Staff (Non-Govt., from Project)	Gita Rani Ghosh Roy Sudip Das	
DXA Technician (Non-Govt., from Project)	Sandip Das	
Group-D Staff (From Sainik Board)	Joydeb Dhar Monishankar Halder Gita Biswas	
Group-D Staff (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)	140-190 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 / Lip biopsy Injection Cyclophosphamide Intravenous Injection Biologics		330-365 such/month 10-12 such/month 100-110 such/month 15-20 such/month 6-8 per week
Imaging	BMD DEXA	Twice/week (Tuesday & Thursday)	30 -40 per week
	MSK-USG/PDUS	Monday to Saturday	80-90 per week
	Kidney biopsy –USG guided		20-30 such/month
	USG – guided Intra-articular injection	Monday & Friday	40-50 per week
Laboratory services	Autoantibody and other immunological tests including ELISA, Nephelometry and immunofluorescence microscopy based tests like RF, hsCRP, C3, C4, Ferritin, ASO, Ceruloplasmin, IgG, IgA, IgM, LP(a), Anti-CCP, Anti GBM, ANA(Hep-2), ANCA (P/C) anti ds-DNA antibody, ANA profile (ENA), Myositis profile, Systemic Sclerosis profile, Autoimmune Liver profile, MPO, PR3, Anti Ro(SSA), Anti La(SSB), Anti Cardiolipin Ab-IgA, IgM, IgG; Anti β 2 Glycoprotein Ab-IgA, IgM, IgG; ANCA(cANCA, pANCA), Ferritin, 25(OH) VitD, ASMA, AMA, LKM, Cryoglobulin, Cryofibrinogen, etc.		Done regularly

Academic activities

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	<ol style="list-style-type: none"> 1. DM Course started from 2013 with two post doctoral trainee per year. Two batches already passed. 2. Short course training in Rheumatology for Post doctoral trainee of different institutions of India. Two batches from CMC Vellore and SGPGI Lucknow and a batch from Indraprastha Apollo New Delhi completed their training. 3. PhD course on basic immunology and Rheumatology. Two fellows already completed.
ONGOING RESEARCH GRANTS	<ol style="list-style-type: none"> 1. Evaluation of Immunomodulatory activity of Black Tea (<i>Camelia sinensis</i>) Extract in Rheumatoid Arthritis : An In vitro Study of Expression of Inflammatory Molecules and Cytokines in Synovial Fluid and Tissue Cells of Patients of RA : National Tea Research Foundation. Just completed 2. 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. 3. 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. 4. Evaluation of inflammation in primary osteoarthritis of knee and it's therapeutic response to methotrexate. Department of Science & Technology, Government of West Bengal. 5. Evaluating endothelial dysfunction through altered NO bioavailability in Ankylosing spondylitis - BRNS
DST-FIST SUPPORT	DST FIST SPONSOR : DST – FIST infrastructural support for expanding its academic and research purpose and the same was sanctioned by DST (2012-17)

Books & publications

Prof. Alakendu Ghosh

1. Inflammatory Muscle Diseases. In API Textbook of Medicine 2016;2539-44
2. Das S, Goswami RP, Ghosh A, Ghosh P, Lahiri D, Basu K. Temporal evolution of urate crystal deposition over articular cartilage after successful urate-lowering therapy in patients with gout: An ultrasonographic perspective. *Mod Rheumatol*. 2016 Aug 5;1-6.
3. Goswami RP, Basu K, Das S, Mondal S, Ghosh P, Ghosh A. Evidence for treating rheumatoid arthritis to target: results of a systematic literature search update. *Ann Rheum Dis*. 2016 Jul;75(7):e35.
4. Goswami RP, Mondal S, Lahiri D, Basu K, Das S, Ghosh P, Ghosh A. Shrinking lung syndrome in systemic lupus erythematosus successfully treated with rituximab. *QJM*. 2016 Jun 17. pii: hcw093.
5. Mondal S, Goswami RP, Sinha D, Basu K, Das S, Ghosh P, Ghosh A. Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. *Lupus*. 2016 Apr;25(4):445-6.
6. Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. S Mondal, RP Goswami, D Sinha, K Basu, S Das, P Ghosh, A Ghosh. *Lupus*. 2016 Apr;25(4):445-6.
7. A Foe Incognito: Paraneoplastic Sacroilitis. S Mondal, D Sinha, T Ete, RP Goswami, J Bardhan, A Ghosh. *J Med Cases*. 2016;7(8): 341-343.
8. Das S, Ghosh A, Ghosh P, Lahiri D, Sinha Mahapatra P, Basu K. Sensitivity and specificity of ultrasonographic features of gout in intercritical and chronic phase. *International Journal of Rheumatic Diseases* 2016.

Prof. Parasar Ghosh

1. Das S, Goswami RP, Ghosh A, Ghosh P, Lahiri D, Basu K. Temporal evolution of urate crystal deposition over articular cartilage after successful urate-lowering therapy in patients with gout: An ultrasonographic perspective. *Mod Rheumatol*. 2016 Aug 5:1-6.
2. Goswami RP, Basu K, Das S, Mondal S, Ghosh P, Ghosh A. Evidence for treating rheumatoid arthritis to target: results of a systematic literature search update. *Ann Rheum Dis*. 2016 Jul;75(7):e35.
3. Goswami RP, Mondal S, Lahiri D, Basu K, Das S, Ghosh P, Ghosh A. Shrinking lung syndrome in systemic lupus erythematosus successfully treated with rituximab. *QJM*. 2016 Jun 17. pii: hcw093.
4. Mondal S, Goswami RP, Sinha D, Basu K, Das S, Ghosh P, Ghosh A. Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. *Lupus*. 2016 Apr;25(4):445-6.
5. Shyamashis Das, Alakendu Ghosh, Parasar Ghosh, Debasish Lahiri, Pradyot Sinhamahapatra and Kaushik Basu. Sensitivity and specificity of ultrasonographic features of gout in intercritical and chronic phase. *International Journal of Rheumatic Diseases* 2016.

Dr. Pradyot Sinhamahapatra

1. Sampurna Roychoudhury Mazumder, Sanchaita Misra, Aharna Guin Paul, Pradyot Sinhamahapatra, Mitali Chatterjee, Alakendu Ghosh. Immunomodulatory activity of black tea extract in rheumatoid arthritis: an in vitro study. *International Journal of Applied Research*. 2016; 2: (10) 05-11.
2. Roy, Prasun, Datta, A.K., Sinhamahapatra, Pradyot, Soren, M, De, A, Mukherjee, P.P. Prevalence of Dyslipidemia in Patients with Rheumatoid Arthritis and Effect of Early Treatment with Disease Modifying Antirheumatic Drugs in a Tertiary Care Hospital. *J Ind Med Assoc Vol*. 114, No. 2, February 2016.
3. Pradyot sinhamahapatra, Alakendu Ghosh. Inflammatory Muscle Diseases. In *API Textbook of Medicine* 2016;2539-44.
4. Shyamashis Das, Alakendu Ghosh, Parasar Ghosh, Debasish Lahiri, Pradyot Sinhamahapatra and Kaushik Basu Sensitivity and specificity of ultrasonographic features of gout in intercritical and chronic phase. *International Journal of Rheumatic Diseases* 2016.
5. Pradyot Sinhamahapatra. Lupus and the society. in *Dealing with lupus. A handbook for physicians on systemic lupus erythematosus*. 2016. Kolkata.

Dr. Rudra Prosad Goswami

1. Goswami RP, Ghosh P. Viral Arthritis. In: *Manual of Rheumatology*; Thabh M, Danda D, Gupta R, et al (eds). 649-660; CBS Publishers, New Delhi, India.
 2. Goswami RP, Sircar G, Ghosh A, Ghosh P. Cardiac tamponade in systemic lupus erythematosus. *QJM*. 2017 Oct 17. doi: 10.1093/qjmed/hcx195.
 3. Goswami RP, Mondal S, Sinha D, Sircar G, Ghosh P, Ghosh A. Osteonecrosis and intra-articular fat deposition in a patient with polyarteritis nodosa on high-dose glucocorticoid therapy. *Indian J Rheumatol* 2017;12:52-3
 4. Goswami R, Ghosh A, Lahiri D, *et al*/AB1054 Quantitative ultrasound for assessment of disease activity in patients with rheumatoid arthritis: reliability and construct validity *Annals of the Rheumatic Diseases* 2017;76:1423-1424.
 5. Das S, Goswami RP, Ghosh A, Ghosh P, Lahiri D, Basu K. Temporal evolution of urate crystal deposition over articular cartilage after successful urate-lowering therapy in patients with gout: An ultrasonographic perspective. *Mod Rheumatol*. 2016 Aug 5:1-6.
 6. Goswami RP, Basu K, Das S, Mondal S, Ghosh P, Ghosh A. Evidence for treating rheumatoid arthritis to target: results of a systematic literature search update. *Ann Rheum Dis*. 2016 Jul;75(7):e35.
 7. Goswami RP, Mondal S, Lahiri D, Basu K, Das S, Ghosh P, Ghosh A. Shrinking lung syndrome in systemic lupus erythematosus successfully treated with rituximab. *QJM*. 2016 Jun 17. pii: hcw093.
 8. Mondal S, Goswami RP, Sinha D, Basu K, Das S, Ghosh P, Ghosh A. Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. *Lupus*. 2016 Apr;25(4):445-6.
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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

GI and Liver Pathology

- Dr. Ranajoy Ghosh
- Dr. Aniket Halder

GI Surgery

- Prof. Sukanta Ray
- Dr. Sumit Sanyal
- Dr. Shomak Das

Hepatology and Center of Liver Research

- Prof. Amal Santra
- Prof. Abhijit Chowdhury
- Dr. Kausik Das
- Dr. Soma Banerjee
- Dr. Simanti Datta
- Dr. Mahiuddin Ahammed
- Dr. Saptarishi Bisnu
- Dr. Suparna Pal

GI Anaesthesia

- Dr. Tapas Ghosh
- Dr. Dibyendu Gharai
- Dr. Shoikat Bhattacharjee

GI Radiology

- Dr. Avik Sarkar

Students / Trainees / Fellows

- | | |
|--|----|
| • Senior Resident (GI Surgery) | 02 |
| • DM (Medical Gastroenterology & Hepatology) | 22 |
| • Students pursuing PhD | 10 |
| • Students awarded PhD | 03 |

Medical Officers:

- | | |
|----------------|------|
| • GI Surgery | : 01 |
| • GI Radiology | : 02 |

Ongoing research projects

[Postgraduate and Postdoctoral Dissertations not included in the list]

SN	Project Title	Name of the PI Investigators [Specify the Name of PI]	Name of the funding agency [ICMR / DST/ any other/self]
1.	Study to Explore the Risk of Chronic Liver Injury and Liver Fibrosis in Patients Treated with Anti-tubercular Drugs.	Dr. Rajib Sarkar	DST
2.	Assessment of the liver disease burden among tribal children : A community based clinico-epidemiological and biochemical study	Dr. Debasish Misra	DST
3.	Crohn's Disease in INDIA: A multicenter study from country where intestinal tuberculosis as well as Johne's disease is endemic.	Dr. Gopal Krishna Dhali	ICMR
4.	Assessment of the burden of Metabolic Syndrome linked Diseases in the General population.	Dr. Abhijit Chowdhury	DST
5.	DST – FIST Programme	HOD School of Digestive & Liver Disease	DST Govt. of India
6.	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
7.	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

8.	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
9.	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
10.	Insights into the modulation of adaptive and innate immune responses by myeloid derived suppressor cells during chronic HBV infection	Dr. Srimanti Dutta	Department of Biotechnology, Government of India, from 2017-2020
11.	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. Srimanti Dutta	Department of Science and Technology, West Bengal, from 2015-2018
12.	Tracing the role of Myeloid Derived Suppressor Cells in HBV immunopathogenesis	Dr. Srimanti Dutta	Department of Biotechnology, Government of West Bengal from 2015-2018

Publications in 2017

1. Mukherjee PS, Vishnubhatla S, Amarapurkar DN, Das K, Sood A, Chawla YK, Eapen CE, Boddu P, Thomas V, Varshney S, Hidangmayum DS, Bhaumik P, Thakur B, Acharya SK, Chowdhury A. Etiology and mode of presentation of chronic liver diseases in India: A multi centric study. PLoS One. 2017 Oct 26;12(10):e0187033. doi: 10.1371/journal.pone.0187033.
2. Anamitra Barik, Kausik Das, Abhijit Chowdhury, Rajesh Kumar Rai. Metabolic syndrome among rural Indian adults. Clinical Nutrition ESPEN(2017), <https://doi.org/10.1016/j.clnesp.2017.11.002>
3. 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. 2017 Dec 8.
4. Mondal RK, Khatun M, Banerjee P, Ghosh A, Sarkar S, Santra A, Das K, Chowdhury A, Banerjee S, Datta S. Synergistic impact of mutations in Hepatitis B Virus genome contribute to its occult phenotype in chronic Hepatitis C Virus carriers.. Sci Rep. 2017 Aug 29;7(1):9653. doi: 10.1038/s41598-017-09965-w.
5. Ghosh A, Dasgupta D, Ghosh A, Roychoudhury S, Kumar D, Gorain M, Butti R, Datta S, Agarwal S, Gupta S, Krishna Dhali G, Chowdhury A, Schmittgen TD, Kundu GC, Banerjee S. MiRNA199a-3p suppresses tumor growth, migration, invasion and angiogenesis in hepatocellular carcinoma by targeting VEGFA, VEGFR1, VEGFR2, HGF and MMP2.. Cell Death Dis. 2017 Mar 30;8(3):e2706. doi: 10.1038/cddis.2017.123.
6. Banerjee P, Chakraborty A, Mondal RK, Khatun M, Datta S, Das K, Pandit P, Mukherjee S, Banerjee S, Ghosh S, Chakrabarti S, Chowdhury A, Datta S. HBV quasispecies composition in Lamivudine-failed chronic hepatitis B patients and its influence on virological response to Tenofovir-based rescue therapy.. Sci Rep. 2017 Mar 17;7:44742. doi: 10.1038/srep44742.
7. Ghosh S, Banerjee S. Whole-genome mutational analysis: cause and effect of noncoding and structural mutations in liver cancer.. Hepatobiliary Surg Nutr. 2017 Feb;6(1):57-59. doi: 10.21037/hbsn.2017.01.03.
8. Sukanta Ray, Supriyo Ghatak, Debashis Misra. Groove Pancreatitis: Report of Three Cases with Brief Review of Literature.. Indian Journal of Surgery. August 2017
9. Saptarshi Bishnu, SK.M. Ahammed, Avik Sarkar, Das K. Effects of atorvastatin on portal hemodynamics and clinical outcomes in patients with cirrhosis with portal hypertension: a proof-of-concept study. European Journal of Gastroenterology & Hepatology, DOI: 10.1097/MEG.0000000000001006
10. Somak Das, Sudeepa K Swain, Anand Ramamurthy et al. Hepatic infarction from portal vein thrombosis: A fatal consequence of acute pancreatitis. Journal of Digestive Diseases. July 2017
11. Dinesh Zirpe, Sudeepa Swain, Somak Das et al. Surveillance in common variable immunodeficiency for gastric cancer : To be or not to be?; Tropical Gastroenterology. March 2017. DOI: <http://dx.doi.org/10.7869/tg.402>
12. Somak Das, Anand Ramamurthy, Rochita Venkataraman et al. Inferior vena cava obstruction as a rare manifestation of bronchopulmonary sequestration. Surgical Practice. April 2017. DOI: 10.1111/1744-1633.12241
13. Sudeepa Kumar Swain, Dinesh Zirpe, Somak Das et al. Parietal Wall Abscess Perforating to Transverse Colon: A Rare Presentation. Journal of Clinical and Diagnostic Research. May 2017. doi: 10.7860/JCDR/2017/25268.9947
14. Arko Banerjee, Sujit Sarkhel, Rajib Sarkar, Gopal Krishna Dhali. Anxiety and depression in irritable bowel syndrome. Indian Journal of Psychological Medicine. Dec 2017. DOI: 10.4103/IJPSYM.IJPSYM_46_17

Manuscripts under review

1. Myeloid-Derived Suppressor Cells mediate Regulatory T cell induction by TGF- β and IL-10 driven pathways in chronically HBV infected patients with high levels of hepatitis B surface antigen" by Sourina Pal, Madhuparna Nandi, DebanganaDey, Soma Banerjee, AmalSantra, SK Ahammed, and AbhijitChowdhury,SimantiDatta. Under review in Journal of Virology.
2. Global CD8+CD28-T-cells: Key cytotoxic players impacting disease pathogenesis and viral persistence in chronic HBV infection by Madhuparna Nandi, Sourina Pal, Bidhan Chandra Chakraborty, AchintyaShil, SumantraGhosh, DebanganaDey, Saran Chattopadhyaya, Soma Banerjee, AmalSantra, AbhijitChowdhury, SimantiDatta under review in The Journal of Infectious Diseases.

Meetings attended and awards received in 2017

NATIONAL

Invited lectures by faculty

1. "Indian Association of Cancer Research, Amala Cancer Research Centre, Thrissur, Kerala, 2017" by Dr. Soma Banerjee.
2. HFR LIVERCON IV, May 6-7, 2017, Agartala, Tripura, India by Dr. Simanti Datta.

Oral and Poster presentation by students

1. Poster presentation in "8th East Zonal Oncology Symposium, 21st January, 2017, SGCC&RI" by Debanjali Dasgupta.
2. Poster presentation in "8th East Zonal Oncology Symposium, 21st January, 2017, SGCC&RI" by Suchandrima Ghosh
3. Poster presentation in "25th Silver Jubilee Annual Scientific Meeting of the *Indian National Association for Study of the Liver* (INASL), from 3rd to 6th August 2017 at New Delhi" by Suchandrima Ghosh.
4. Plenary Lecture in "25th Silver Jubilee Annual Scientific Meeting of the *Indian National Association for Study of the Liver* (INASL), from 3rd to 6th August 2017 at New Delhi" by Suchandrima Ghosh.

INTERNATIONAL

Invited Lecture by faculty

1. Department of Cancer genetics, University of Florida, Gainesville, 2017, by Dr. Soma Banerjee

Oral and Poster presentation by students

1. Poster Presentation at EASL - THE INTERNATIONAL LIVER CONGRESS™ 2017 held in Amsterdam, the Netherlands from 19 to 23 April 2017 by Sourina Pal.

Awards received by faculty

ICMR International fellowship for senior Biomedical scientist received by Dr. Soma Banerjee and visited University of Florida, USA for 15 days to get training in "murine liver implantation of hepatocellular carcinoma cells and whole body imaging".

Awards received by students

1. Young Investigator (Full Bursary) award for poster presentation entitled "Myeloid-Derived Suppressor Cells: Key players mediating immunosuppression via induction of Regulatory T-cell by TGF- β and IL-10 driven pathways in chronic HBV infection", FRI-296 in EASL - THE INTERNATIONAL LIVER CONGRESS™ 2017, receive by Sourina Pal.
2. Suchandrima Ghosh has secured first position in plenary presentation on "Role of Novel microRNAs Identified by Small RNA Sequencing in the Disease Progression of Hepatitis C infection" in "25th Silver Jubilee Annual Scientific Meeting of the *Indian National Association for Study of the Liver* (INASL), from 3rd to 6th August 2017 at New Delhi".
3. Suchandrima Ghosh has secured second position in poster presentation on "Pan genotypic HCV therapy by microRNA mediated silencing of the host factors" in "25th Silver Jubilee Annual Scientific Meeting of the *Indian National Association for Study of the Liver* (INASL), from 3rd to 6th August 2017 at New Delhi".

Students Awarded PhD degree in 2017:

1. **Dr. Amit Ghosh** under supervision of Dr. Soma Banerjee from WBUHS, Kolkata.
2. **Dr. Madhuparna Nandi** under supervision of Dr. Simanti Datta from WBUHS, Kolkata.
3. **Dr. Debanjali Dasgupta** under supervision of Dr. Soma Banerjee from WBUHS, Kolkata

Students registered for PhD degree in 2017

1. **Debangana Dey** has registered under WBUHS, Kolkata.
2. **Ayana Baidya** has registered in Department of Zoology under University of Calcutta.
3. **Sayantani Bhowmik** has registered in Department of Biochemistry under University of Calcutta.
4. **Susree Roy** has registered in Department of Biochemistry under University of Calcutta.

SERVICE INFORMATION

	New Patients	Old Patients	Total patients
OPD service			
GE OPD	72601	28627	101228
Hepatology OPD	9104	14874	23978
GI Surgery OPD	1945	3673	5618
Pediatric gastroenterology	1864	1545	3409
IBD clinic	560	1076	1636
Pancreatic clinic	418	726	1144
Indoor admissions			
GE Indoor admission	-	-	1780
Hepatology Indoor admission	-	-	724
GI Surgery Indoor admission	-	-	423

Endoscopy service		Pathology service	
Procedure	Number	Procedure	Number
Upper GI Endoscopy Diagnostic	11860	Surgical Biopsy	350
Upper GI Endoscopy Therapeutic	2078	Endoscopic Biopsy	1535
Colonoscopy	3025	FNAC	500
ERCP	1534	Review biopsy	161
APC	180	Peripheral Blood Smear	35
Esophageal Dilatation	640		
Fibro Scan	818	Gastrosurgery service	
Liver Biopsy	249	Operative procedures	
Endoscopic Ultrasound	252	Surgery for Chronic Pancreatitis	65
Double Balloon Enteroscopy	15	Whipple's Operation	60
		Biliary Stricture	27
Radiology service		Recurrent Pyogenic Cholangitis	12
Procedure	Number	Extended Cholecystectomy	12
Diagnostic Ultrasound	9504	Lap/ Open Cholecystectomy	32
PTBD	36	CBD Exploration	04
PCD	102	Pancreatic Necrosectomy	06
Diagnostic/therapeutic vascular intervention	1	Colon Pull Up	11
NJ tube insertion	6	L-R Shunt	26
HVPG	0	Liver Resection	29
		Colon/ Rectum	25
Liver ITU service		Stomach/ Esophagus	34
Admitted	215	Excision of Choledochal Cyst	26
Death	57	Liver Transplantation	02
		Miscellaneous	52
		Total	423

Surgery

FACULTY

Dr. Bitan Kumar Chattopadhyay	MS (Cal)	Professor and Head
Dr. Makhan Lal Saha	MS (PGI)	Professor
Dr. Prabhas Kumar Sarkar	MS (Cal)	Professor
Dr. Abhimanyu Basu	MS (Cal)	Professor
Dr. Amitabha Sarkar	MS (Cal)	Professor
Dr. Prosanta Kumar Bhattacharjee	MS (Cal)	Professor
Dr. Diptendra Kumar Sarkar	MS, DNB, FRCS (Edin)	Professor
Dr. Rajat Suvra Morel	DNB	Associate Professor
Dr. Santanu Sinha	MS (Cal)	Associate Professor
Dr. Rinki Das	MS (WBUHS), MCh (Surg. Gastro.)	Associate Professor
Dr. Susnata De	MS (Cal)	Assistant Professor
Dr. Partha Sarathi Ghosh	MS (Cal)	Assistant Professor
Dr. Sunanda Dey	MS (Cal)	Assistant Professor
Dr. Soumen Das	MS (Cal)	Assistant Professor
Dr. Sourabh Das	MS (Cal)	Assistant Professor
Dr. Gourav Narjinari	MS (Cal)	Assistant Professor
Dr. Saibal Chakroborty	MS	RMO cum Clinical Tutor
Dr. Asif Ayaz	MS (Cal)	RMO cum Clinical Tutor
Dr. Avijit Ray Mandal	MS (Cal)	RMO cum Clinical Tutor
Dr. Koustav Mandal	MS	RMO cum Clinical Tutor
Dr. Somnath Biswas	MS (Cal)	RMO cum Clinical Tutor
Dr. Bappaditya Sarkar	MS (Cal)	RMO cum Clinical Tutor
Dr. Soumen Sanfui	M.S. (WBUHS)	Senior Resident
Dr. Sarvesh Gupta	M.S. (WBUHS)	Senior Resident
Dr. A. Mukherjee	MBBS (Cal)	Medical Officer

Transfers and postings

Dr. Soumen Sanfui has joined as a Senior Resident in Feb, '17. Dr. Avijit Ray Mandal has joined as an RMO cum Clinical Tutor in May, '17. Dr. Amit Ray, Assistant Professor, has been transferred to NBMC and Dr. Rinki Das, Associate Professor, has joined the Department in July, '17. Dr. Rahul Dhar, Senior Resident, resigned in August, '17, Dr. Mainak Pal, RMO cum Clinical Tutor has resigned from service in Sep, '17 and Dr. Sarvesh Gupta has joined as a Senior Resident in Oct, '17.

Postgraduate trainees (MS Students)

Session 2015-18	Session 2016-19	Session 2017-20
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 Dr. Bibekananda Bera Dr. Nemai Chandra Mandal	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

REGULAR ACADEMIC ACTIVITIES

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 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 Vivekananda Institute of Medical Sciences held in January, 2017 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 lecture in Recent Advances. 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 Thakurpukur Cancer center at Thakurpukur in February, 2017. Several faculties presented lectures and chaired several sessions. Prof. D. K. Sarkar demonstrated the steps of modified radical mastectomy operation in the 'live workshop'. But the British-Bangla-Breast Conference proved itself to be the landmark event in the history of the Department as also of the Institute when Breast Surgeons from these three great countries met together on Feb 18 & 19, 2017 in the auditorium of the top floor of our UCM Building. They exchanged their knowledge, shared their experiences and highly enriched the academic horizons of the faculties and the PG students alike.

In March, 2017, Post Graduates from the Department participated in the workshop on research methodology and biostatistics organized by the Medical Education Unit of the Institute.

Department of Urology in collaboration with our Department organized "UROFEST" in May, 2017 with much fanfare with the basic theme of the 'use of Laser in Prostrate Surgery'

Department itself organized the Second Modular Course for teaching postgraduate students undertaken by the West Bengal State Chapter of the Association of Surgeons of India from 3rd. to 7th. July, 2017 and almost all the Faculties participated in teaching and training students in various capacities.

Association of Surgeons of India , Headquarters as a part of their pan-India program organized Regional Refresher Course at Medical College, Kolkata on 5th & 6th August 2017. 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 'Multinodular Goitre', Prof. M. L. Saha 'Obstructive Jaundice' and Prof. D. K. Sarkar "Breast Cancer".

Annual State CME of the Association of Surgeons of India, West Bengal Chapter (SASICME) was held at Vivekananda Institute of Medical Sciences, Kolkata in September, 2017. And like previous occasions, several faculty members from the Department participated and chaired sessions, presented videos, and delivered CME lectures on several important topics.

Departmental faculty participated in the unique program "Mishaps in Surgery", organized by ILS Hospital and Association of the Minimal Access Surgeons of India at a city hotel on 12th. December, '17 analyzing and critically dissecting the unusual pitfalls occurring during surgery and simultaneously finding the ways and means to avoid and prevent them.

Departmental faculty also participated in the 'Gastrocon' organized by the CMRI Hospital under the aegis of ASI and FRCS Alumni at CMRI on 18th. -19th. December, '17 and took part in interactive sessions involving the different aspects of Laparoscopic Colorectal Surgeries including the molecular biology and chemo/radiation protocols in colorectal cancers by the eminent National and International Faculties..

FACULTY NEWS

Prof. B. K. 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.
- Supervisor and adjudicator of different Ph. D Thesis work of the students of Calcutta University.
- In the first Modular Course of the year for teaching postgraduate students undertaken by the West Bengal State Chapter of the Association of Surgeons of India held at Vivekananda Institute of Medical Sciences in January, 2017, 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" How to score high marks in Long Case'. He also took lecture on 'Recent Advances' on the penultimate session of the program
- In the annual conference of the West Bengal State Chapter of the Association of Surgeons of India (SASICON) held at Thakurpukur Cancer center at Thakurpukur in February, 2017, Prof Chattopadhyay participated in interactive sessions and chaired several sessions..
- In the Second Modular Course for teaching postgraduate students undertaken by the West Bengal State Chapter of the Association of Surgeons of India organized by the Department from 3rd. to 7th. July, 2017, Prof. Chattopadhyay taught 'long case on thyroid nodule with video presentations of the clinical methods and important surgical anatomy of goiters and thyroid surgery.
- In the Association of Surgeons of India, Headquarters-organized pan-India program of Regional Refresher Course at Medical College, Kolkata on 5th & 6th August 2017. for the postgraduate students Prof. B. K. Chattopadhyay participated , in association with the other National teachers and the teachers from the other institutes of the state and taught "Multinodular Goitre" as post graduate case discussions.

- In the annual State CME of the Association of Surgeons of India, West Bengal Chapter (SASICME) held at Vivekananda Institute of Medical Sciences, Kolkata in September, 2017, Prof Chattopadhyay chaired sessions, acted as panelist in several sessions and adjudicator of debates..
- In the unique program of “Mishaps in Surgery”, organized by ILS Hospital and Association of the Minimal Access Surgeons of India in December’17 analyzing and critically dissecting the unusual pitfalls occurring during surgery and simultaneously finding the ways and means to avoid and prevent them, Prof. Chattopadhyay acted as one of the panelists in the sessions on ‘mishaps in Lap Hernia Surgery’ and in the events of ‘Instrument Failures’
- In the ‘Gastrocon’ organized by the CMRI Hospital under the aegis of ASI and FRCS Alumni in December’17, Prof. Chattopadhyay took part in interactive sessions involving the different aspects of Laparoscopic Colorectal Surgeries, including moderating the ‘live operative’ sessions
- Guided thesis work for postgraduate students, acted as chairman for the Oral-Practical part of M.S. Examination 2016 at the IPGME&R Center, acted as adjudicator for large number of articles for the Indian Journal of Surgery, JIMA and several other journals.

Prof. Prabhas Kumar Sarkar

- Appointed and conducted M S general surgery final examination on June-July 2017.
- Acted as thesis guide of two M S general surgery students for the year 2015 – 2018.
- Five articles, (one original research article & four case reports) published in index journal in 2016 – 2017.
- Attended C M E & SASICME conducted by ASI state chapter.

Prof. Prosanta Kumar Bhattacharya

- Faculty for the Postgraduate CME Modular Course 2017 At RKMP Hospital, Kolkata on 11/1/2017: (Whipple’s Procedure).
- Faculty for the Postgraduate CME Modular Course 2017 at IPGME&R on 3/07/17: (Peripheral Arterial Occlusive Disease)
- Faculty Of Eastern Zonal CME of ASI (Refresher Course) At CMC, Kolkata. 5/08/17: (Parotid Tumors)
- Chairperson of a session on “Laparoscopic Hernia Repair” At AMASICON 2016 At Science City Kolkata, 17th Dec 2016.
- Member of The Workshop Committee of AMASICON 2016 (17th-20th Dec 2016).
- Examiner Of Final MBBS Examination of West Bengal Health University At R G Kar Medical College Feb’17.
- External Examiner For MS (General Surgery) Regular Examination At JN Inst Medical College, Wardha (Dutta Mege University), Nagpur (MBBS) June 2017.
- External Examiner Ms (General Surgery) Supplementary Examination Guwahati Medical College: Dec 2017.
- Invited Examiner Postgraduate Gold Medal Examination In Surgery At Cms, Kolkata, 2017.
- Invited Examiner Umarani Gold Medal Examination in surgery at CMC, Kolkata, 2017.
- Adjudicator of thesis of WBUHS a SSUHS, Guwahati.

Articles reviewed

- A case report of a female patient with PICA”: ANNALS OF CLINICAL CASE REPORT...27/03/2017.
- “Choledochoduodenostomy in a minimally dilated common bile duct with stones: A prospective study of 30 cases” : Ind J Surg 13/03/2017.

Articles under consideration for publication

- Management of gallbladder carcinoma: a review. Journal of medical sciences :jmedsci_175_17.
- Prospective observational study on cholelithiasis in patients with carcinoma gall bladder in a tertiary referral hospital of eastern India. Jjournal of cancer research and therapeutics:jcrt_939_17.

- Approach to a patient with post-laparoscopic cholecystectomy bile leak: a review. Jurnalul de chirurgieromania (issn: 1584-9341):clin med-17-897 for journal of surgery)
- A rare case of primary small gut lymphoma presenting as an obstructed inguinal hernia in an adult. Indian journal of surgery:ijos-d-17-00883.

Research projects underway

- Comparative observational study to assess EGFR expression in carcinoma gallbladder.
- Demographic, clinicopathological and genetic (CDH1) profiling of gastric carcinoma based on Lauren type.
- Clinical profile of pancreatic ductal carcinoma: a short term prospective observational study at a tertiary referral hospital.

Prof. Diptendra Kumar Sarkar

Invited international lectures

- Molecular biology in breast cancer: changing paradigm: Mount Elizabeth Hospitals, Singapore (Asian Society of Mastology meet)
- Impact of genetics in management of breast cancer: Indo -UK Breast Meet ,Manchester, UK
- Role of BRCA2 mutation in prognostication of sporadic breast cancer : Association of Breast surgeons of UK, Belfast, Northern Ireland, UK.

National invited lectures

- 28 invited lectures in different State and National meets.

Conference organized

- British Bangla Breast meet at IPGMER, Kolkata.

Examiner

- MRCS examination: twice in Chennai and Kolkata
- MBBS examination: AIIMS, New Delhi
- MBBS examination: West Bengal University of Health Sciences.

Research projects

- Completed DST project early this year: audited report submitted in DST and IPGMER.
- Applied for new project in DST, West Bengal.
- Presently one self-funded project : k-ras mutation in colorectal cancer.

Speciality

- Comprehensive Breast Service with one day OPD,10 bedded ward and once a week OT.
- Breast Cancer Research Lab.

Dr. Soumen Das

- FACS (Fellow of American College of Surgeons) conferred by American College of Surgeons at San Diego, California on 22 th sept 2017
- Indo American Cancer Association Visiting Fellowship in Minimally Invasive (including Robotic) cancer surgery at City of Hope Hospital, Los Angeles, California
- FALS (Fellow of Advanced Laparoscopic Surgery: Colorectal) conferred by IAGES at New Delhi.
- FIAGES Fellow of Indian Association of Gastro Intestinal Endo Surgeons conferred by IAGES in January 2017.
- Delivered lecture on 'Energy Sources in Surgery' and ' Emergency laparoscopic Colorectal Surgery' at AMASI skill course at Hubli, Karnataka

- Delivered lecture on 'Axillary management in Breast cancer' in British Bangla Breast Meet at IPGME&R, SSKMH, Kolkata.
- Delivered lecture in AMASICON on 'Mastering of art of publication'.
- Delivered lecture on 'Surgical Instruments' at East Zonal CME at Medical College, Kolkata.
- Participated as chairperson and panelist at 4th national wound care workshop.
- Attended International surgical conference organised by American College of surgeons at San Diego
- Participated as Principal Investigator in the genetic study of gall bladder cancer in Association with Indian Statistical Institute, Kolkata

Publications in 2017

- Port Site infection by Non tubercular mycobacterium: A cliniconmicrobiological study: International Journal of Mycobacteriology.
- Thyroid abscess with thyrocutaneous fistula: a rare presentation of PTC. Journal of Surgical arts
- Biofilm colonisation of Mycobacterium abscessus : a new threat in Surgical site infection. Indian Journal of Tuberculosis.
- Patterned charring along with contact points with a metallic locket due to lightening injury. Clinical Case Reports.

ACADEMIC ACTIVITY

MS theses ongoing

2015-18 session

PGT	Guide / Co-guide	Topic
Dr. Arindam Das	Dr. Probhas Kumar Sarkar [P – GSE] Dr. Keya Basu Ghosh [ASP – PAT]	A prospective study of clinico-pathological profile in respect of preoperative and peroperative findings in carcinoma stomach.
Dr. Projjwal Kumar Biswas	Dr. Amitabha Sarkar [P – GSE] Dr. Nihar Ranjan Sarkar [ATP – RAD]	A study on the correlation between FAST (focused abdominal sonar for trauma), clinical and operative findings in blunt and penetrating trauma of abdomen.
Dr. Bikram Haldar	Dr. Amitabha Sarkar [P – GSE] Dr. Amit Roy [ATP – GSE]	Early predictability factors in prognostication of colorectal carcinoma – a study.
Dr. Pankaj Kumar	Dr. Prosanta Kumar Bhattacharjee [P – GSE]	Demographic and clinico-pathological profile of patients with acute pancreatitis in a tertiary referral hospital in eastern India.
Dr. Tanvi Goel	Dr. Prosanta Kumar Bhattacharjee [P – GSE] Dr. Chhanda Datta [P – PAT]	Comparative observational study to assess EGFR expression in carcinoma gall bladder.
Dr. Sahid Khondaker	Dr. Bitan Kumar Chattopadhyay [P & HOD – GSE] Dr. Nilabja Sikdar [Scientist D – Human Genetics Unit, ISI]	A correlational study on VEGFA mutation with clinicopathological parameters in pancreatic ductal and periampullary adenocarcinoma.
Dr. Shantanu Krishna Agrawal	Dr. Makhan Lal Saha [P – GSE] Dr. Abhimanyu Basu [P – GSE]	Observational study of elements of comprehensive geriatric assessment to determine postoperative outcome in various abdominal surgeries in geriatric patients.
Dr. Priya Ranjan Mandal	Dr. Amitabha Sarkar [P – GSE] Dr. Probhas Kumar Sarkar [P – GSE]	A clinico-pathological study of retroperitoneal tumors in a tertiary referral hospital in eastern India.
Dr. Gouri Mukhopadhyay	Dr. Diptendra Kumar Sarkar [P – GSE]	A clinicopathological correlation of mutation of Kras gene in colorectal cancer in a tertiary care centre.
Dr. Md. Anisur Rahaman	Dr. Diptendra Kumar Sarkar [P – GSE]	Incidence of expression of mutated BRCA1 and BRCA2 among breast carcinoma patients and its impact on biological behaviour.

Dr. Avishek Mandal	Dr. Makhan Lal Saha [P – GSE] Dr. Diptendra Kumar Sarkar [P – GSE]	A prospective study to assess the role of diagnostic laparoscopy in patients with intra-abdominal malignancy with special emphasis on staging.
Dr. Nimaichandra Murmu	Dr. Probhas Kumar Sarkar [P – GSE]	An observational study of causes for conversion, on the basis of intraoperative findings in patients scheduled for elective laparoscopic cholecystectomy.
Dr. Bibekananda Bera	Dr. Santanu Sinha [ASP – GSE] Dr. Parthasarathi Ghosh [ATP – GSE]	A study to evaluate the outcome following the ligation of intersphincteric fistula tract (LIFT) technique in the treatment of patients with fistula-in-ano.
Dr. Saurabh Dixit	Dr. Abhimanyu Basu [P – GSE] Dr. Santanu Sinha [ASP – GSE]	Pancreaticoduodenectomy: outcome of the patient managed in general surgery ward.
Dr. Atanu Halder	Dr. Abhimanyu Basu [P – GSE] Dr. Santanu Sinha [ASP – GSE]	Role of closed suction drain in the prevention of SSI in elective surgery.

2016-19 session

PGT	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.

SERVICE INFORMATION

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 74,041
- New 50,251
- Old 23,790

Bed location (ward, building)

Curzon ward (male) – 109 beds Victoria ward (female) – 76 beds (both located in Main block)
EOW (Male) – 22 beds EOW (Female) – 22 beds (in the Emergency block)

Emergency Observation Ward admits surgical patients requiring observation pending transfer or discharge.

Indoor admission

Victoria Ward – 232 Curzon Ward – 3001 EOW – 198 Woodburn Ward – 149

Units composition: 6 units:

OPD Day	Unit	OT Days	Visiting Surgeon	RMO cum Tutor
Monday	I	Wednesday Friday	Prof. Diptendra Kumar Sarkar (Unit-in-charge), Dr. Gourav Narjinari	Dr. Koustav Mandal, Dr. Soumen Sanfui
Tuesday	II	Thursday Saturday	Prof. B. K. Chattopadhyay (Unit-in-charge & HOD), Dr. Susnata De, Dr. Sunanda Dey	Dr. Avijit Roy Mandal, Dr. Sarvesh Gupta
Wednesday	III	Monday Wednesday	Prof. Makhan Lal Saha (Unit-in-charge), Dr. Soumen. Das, Dr. Tanveer Adil (on indefinite leave)	Dr. Asif Ayaz
Thursday	IV	Tuesday Saturday	Prof. Amitabha. Sarkar (Unit-in-charge), Prof. P. K. Bhattacharya, Dr. Rinki Das	Dr. Saibal Chakroborty, Dr. Pritin Kumar Bera
Friday	V	Monday Wednesday	Prof. Abhimanyu Basu (Unit-in-charge), Dr. Santanu Sinha, Dr. Partha Sarathi Ghosh.	Dr. Bappaditya Sarkar
Saturday	VI	Tuesday Thursday	Prof. Prabhas Kumar Sarkar (Unit-in-charge), Dr. Rajat Subhra Morel, Dr. Saurabh.Das	Dr. Somnath Biswas

Procedures/Investigations performed

Planned surgeries (Main OT Complex) performed: Major : **2680** Minor : **267**
Emergency surgeries (NER OT) performed Major : **676** Minor : **530**
Day Care procedures performed: **1890**

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 and runs a dedicated Endocrine and Metabolic (at our OPD on Saturdays) and Breast Clinic (at Shambhu Nath Pandit Hospital on Saturdays). Department is planning for a Colorectal and Oncosurgery OPD and Unit.

Urology

FACULTY

Dr. Dilip Kumar Pal	MCh (Urology)	Professor and Head
Dr. Debansu Sarkar	MCh (Urology)	Associate professor
Dr. Krisnendu maiti	MCh (Urology)	Assistant professor
Dr. Sandeep Gupta	MCh (Urology)	Assistant professor
Dr. Kumar Rajiv Ranjan	MS (General Surgery)	RMO cum Clinical Tutor
Dr. Vipin Chandra	MCh (Urology)	Senior Resident
Dr. Sayak Ray	MCh (Urology)	Senior Resident

Postdoctoral (MCh) trainees

2015 – 2018	2016 – 2019	2017 – 2020
Dr. Sajad Ahmed Para Dr. Pritesh Jain Dr. Arun Kumar Maurya Dr. Susanta Kumar Das	Dr. Naveen Kr 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

ACADEMIC ACTIVITY

Regular academic activities

Morning (9 am to 10 am)

- Tuesday- Journal club
- Thursday-Case presentation
- Saturday – Seminar

Workshops conducted by the department

Laser Prostatectomy Workshop organized on dated 18/05/17 (Invited faculty member Dr. Kethak Bhartak, Pune & Dr Sadashiv Bhole , Nagpur.)

Workshops and conferences attended

- USICON 2017 (Mumbai) - Attended by all faculty members & all 3rd Yr PDTs. Prof. Dilip Kumar Pal was the chairperson for the podium presentation.
- East zone USICON (Bhubaneswar)-Attended by Prof. Dilip Kumar Pal, Dr Sandeep Gupta & all 2nd Yr PDTs.
 - Prof. Dilip Kumar Pal was the chairperson for guest lecture.
 - Prof. Dilip KumarPal was moderator of debate competition: LASER enucleation vs. Resection of prostate.
 - Urology Trust of Odisha oration delivered by Prof. Dilip Kumar Pal.
 - Prof. Dilip Kumar Pal elected as President Urological society of India (East zone)
 - Dr. Pretesh jain received award on best Essay writing in EZUSICON-17
 - Dr. Arun Kumar Mourya got first prize in Quiz competition

Research 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, Completed by Manali Guha in May 2017.

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 16	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

2015-2018	2016-2019	2017 – 2020
Dr. Sajad Ahmed Para: A study of genetic tumor markers for carcinoma urinary bladder	Dr. Kunal Kapoor: Liquid based cytology and immunohistochemical detection of MCM2 protein as potential marker in bladder cancer. Single center prospective observational Study	Dr Akash Agarawal: Association of β -catanine and CD44 in development of renal cell carcinoma.
Dr. Pritesh Jain- To determine the relationship between HPV and chronic prostatitis- A prospective study	Dr. 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 lower pole calyceal system.
Dr. Arun Kumar Maurya: Immunohistochemical analysis of VHL and LIMD 1 at different stages of renal cell carcinoma : Clinopathological correlation	Dr. Sandip Pramanik: Study on Role of CD44 and EGFR In Development of Renal Cell Carcinoma.	Dr Ankit Vaishnav: Study of normal voiding pattern in Uroflowmetry in asymptomatic female patients.
Dr. Susanta Kumar Das: Optical internal urethrotomy under spinal anaesthesia versus Local anaesthesia :Outcome comparison	Dr. Naveen Kumar Gupta: Comparisons of monthly maintenance protocol of intravesical BCG Vs standard SWOG maintenance protocol (LAMB) in Non-Muscle invasive Bladder Carcinoma (NMIBC)	Dr Alankar Jaiswal: Involvement of homologous recombination pathway in bladder cancer.
	Dr. Barun Kumar: B7H1 as a prognostic marker in Renal Cell Carcinoma	Dr Siddharth Saraf: Genetic polymorphisms in urinary stone disease.

Publications from Urology Department (From Nov 2016 to Oct 2017)

1. Bastab Ghosh, Varun Wats, Dilip Kumar Pal. Comparative analysis of outcome between laparoscopic versus open surgical repair for vesico-vaginal fistula. Obst Gyneco Sci 2016; 59(6): 525-529. DOI: <https://doi.org/10.5468/ogs.2016.59.6.525>
2. Dilip Kumar Pal, Sajad Ahmed Pare. Candle in Urinary Bladder – A rare entity. Remedy Open Access 2016;1: 1015-1016.
3. Kunal Kapoor, Munmun Das (Sarkar), Dilip Kumar Pal. Partial Androgen Insensitivity Syndrome: A rare disease. Scholars Journal of Medical case Reports 2016; 4(11): 815-818. DOI: 10.21276/sjmcr.2016.4.11.3
4. Zeenat Ara, Dilip Kumar Pal, Debasis Chakraborty. Clinico-Pathological Correlation of Urothelial Carcinoma of Urinary Bladder with P63 and CK20 Immunisation. Scholars Journal of Applied Medical Sciences 2016; 4(11B): 3977-3984. DOI: 10.21276/sjams/2016.4.11.24

5. Sandeep Gupta, Vipin Chandra, Dilip Kumar Pal. Functional and clinical outcome after pyeloplasty in utero-pelvis junction obstruction. *International Journal of Medical & Applied Research* 2016; 1(1); 11-17.
6. Dilip Kumar Pal, Soumya Mondal, Sayak Roy. An Unusual case of Tubercular Recto-Urethral fistula. *Scholars Journal of Medical case Reports* 2016; 4(12): 939-941. DOI: 10.21276/djmcr.2016.4.12.19
7. Dilip Kumar Pal, Sanjay Kumar, Bastab Ghosh. Direct visual internal urethrotomy: Is it durable option. *Urology Annals* 2017; 9(1): 18-22. DOI: 10.4103/0974-7796.198836
8. Debasmitta Mondal, Mriganka Mouli Saha, Dilip Kumar Pal. Urological disorders and pregnancy: An overall experience. *Urology Annals* 2017; 9(1): 32-36. DOI: 10.4103/0974-7796.198301
9. Arun Kumar Maurya, Sandeep Gupta, Dilip Kumar Pal, Keya Basu. Giant adrenal myelolipoma with contralateral staghorn calculus. *Scholars Journal of Medical case Reports* 2017; 5(1): 14-16. DOI: 10.21276/sjmcr. 2017.5.1.5
10. Sandeep Gupta, Pritesh Jain, Dilip Kumar Pal. Retained Electric Wire in Urinary Bladder as an Aid to Masturbation. *IJSS Case Reports & reviews* 2016; 3(8): 1-3. DOI: 10.17354/cr/2017/262
11. Vipin Chandra, Munmun Das (Sarkar), Bastab Ghosh, Dilip Kumar Pal. Uretero-vesical fistula: a rare genitourinary fistula. *Sch J Med Case Rep* 2017; 5(2): 96-98.
12. Kartik Sridhar, Arpita Roychowdhury, Dilip Kumar Pal. Urolithiasis related renal failure: Surgical outcome and factors determining outcome. *Sch j App Med Sci* 2017; 5(2E): 683-689.
13. Pubali Mitra, Manalee Guha, Sudakrishna Ghosh, Sourav Mukharjee, Biswabandhu Bankura, Dilip Kumar Pal, Biswanath Maity, Madhusudan Das. Association of calcitonine receptor gene (CALCR) polymorphisim with kidney stone disease in the population of West Bengal, India. *Gene* . <http://dx.doi.org/10.1016/j.gene.2017.04.033>.
14. Pal DK, Sanki PK, Roy S. Analysis of outcome of end-to-end and end-to-side internal iliac artery anastomosis in renal transplantation: Our initial experiences with a case series. *Urol Ann* 2017; 9: 166-69.
15. Choudhury S, Das S K, Pal D K. Acute leukaemia masquerading as xanthogranulomatous pyelonephritis. *Urol Ann* 2017; 9: 180-83.
16. Roy S, Roychoudhury A, Pal D K. Impact of donor age on evaluation of renal graft function. *Int J Sci Res* 2017; 6(6).
17. Ghosh B, Sridhar K, Pal DK. Laparoscopic reconstruction in post tubercular urinary tract strictures. *Journal of Laparoscopic and advanced Surgical Techniques*. 2017 Vol-00. No-00 DIO: 10.1089/lap 2016.0609
18. Pramanik S, Pal DK. Inflammatory myofibroblastic tumour of urinary bladder. *Sch J Med Case Rep* 2017; 5(4): 249-251.
19. Ghosh B, Kumar B, Pal DK. Unilateral cutaneous ureterostomy: A feasible urinary diversion option following radical cystectomy. *Scj J Med Case Rep* 2017, 5(4): 265-267 DOI: 10.21276/sjmcr
20. Choudhury S, Das S K, Ray S, Pal D K. Mucinous tubular and spindle cell renal cell carcinoma with associated renal pelvic stone. *Sch J Med Case Rep* 2017; 5(4): 290-294. DOI: 10.21276/sjmcr
21. Pal D K, Bera D K, Jana D. Predictive factors of muscle invasiveness in patients undergoing TURBT. *Sch J App Med Sci* 2017; 5(4C): 1380-1384.
22. Choudhury S, Jain P, Pal DK. Retrospective analysis of management of utero vaginal fistula. *Sch J App Med Sci* 2017; 5(4F): 1674-1678.
23. Choudhury S, Sridhar K, Pal DK. Renal lymphangiectasia treated with percutaneous drainage and sclerotherapy. *Int J adolesc Med Health* 2017 DIO: 10.1515/ijamh-2017-0024
24. Naveen Kumar Gupta, Uttam Kumar Pal, Dilip Kumar Pal, Arup Bandopadhyay. A qualitative study on the perception of bladder cancer patients. *IJSS Journal of Surgery* 2017;3(3) May-June:40-44
25. Sunirmal Choudhury, Susanta Kumar Das, Debarshi Jana, Dilip Kumar Pal. Is urodynamic study is a necessity for evaluation of lower urinary tract symptoms in postmenopausal female patients? Result of a prospective observational study. *Urol Ann*2017; 9: 239-43 DOI: 10.4103/UA.UA_170_16
26. Naveen Kumar Gupta, Dilip Kumar Pal. Systemic non-Hodhkins lymphoma initially presenting as a bladder mass. *Urol Ann* 2017; 9: 285-87.
27. Sandeep Gupta, Sajad Ahmed Para, Dilip Kumar Pal. Complications of ultrasound guided percutaneous nephrostomy- A hospital based study. *Sch J App Med Sci* 2017; 5(6E): 2383-87.
28. Choudhury S, Jain P, Pal DK. Role of urinary diversion in optimization of patients of advanced cervical cancer with obstructive uropathy. *Sci J App Med Sci* 2017;5(7C):2679-2684.

29. Sandeep Gupta, Arun Kumar Maurya, Dilip Kumar Pal. Complication of long term indwelling double J stent and their management: A single centre experience. . Sch J App Med Sci 2017; 5(8D): 3304-3308. DOI: 10.21276/sjams
30. Sunirmal Choudhury, Barun Kumar, Dilip Kumar Pal. Enterobius vermicularis infestation of urinary tract leading to recurrent tract infection. Trop Parasitol 2017; 7: 19-21
31. Bastab Ghosh, Pritesh Jain, Dilip Kumar Pal. Managing mid and lower ureteral benign strictures: The laparoscopic way. Journal of Laparoscopic & advanced surgical techniques 2017. DOI: 10.1089/lap.2017.0256
32. Subhayan Sur, Arun Kumar Mourya, Anup roy, Tyson V Sharp, Dilip Kumar Pal, Chinmoy Kumar Panda. Over expression of H1F1> is associated with inactivation of both LimD1 and VHL in renal cell carcinoma: Clinical importance. Pathology –Research and Practice 2017, <http://dx.doi.org/10.1016/j.prp.2017.10.009>
33. Is cystourethroscopy alone enough to diagnose bladder outline obstruction in post menopausal patients? A comparative analysis with urodynamic and radiological evaluation. SJAMS 2017; 5(9C):3680-3686.

Papers accepted for publication

34. Sunirmal Chowdhury, Susanta Kumar Das, Dilip Kumar Pal. Acute leukemia masquerading as xanthogranulomatous pyelonephritis. Urology Annals(Manuscript No- UA_132_16)Proof & Copyright form send on 27.10.2016, Proof and copyright send on 09.02.2016
35. Mitra M, Guha M, Bankura B, Pal DK, Maity B, Pal M. Association of calcitonin receptor gene (CHSR) polymorphism with kidney stone disease in the population of West Bengal, India. Gene. Accepted on 20.04.2017.
36. Barun Kumar, Uttam Kumar Pal, Dilip Kumar pal, Arup Kumar Maitrya. A qualitative study on the perception of renal transplantation. IJSS journal of Surgery. Accepted on 2nd June, 2017.
37. Gupta S, Kumar B, Basu S, Pal DK. Reconstruction of urethra using appendix in a patient with cloacal malformation. BMJ Case reports (Man ID bcr_2017_221198) Accepted 27.06.2017.
38. Sandeep Gupta, Sayak Roy, Dilip Kumar Pal. Efficacy of oral steroid after optical internal urethrotomy in reducing recurrence of urethral strictures Turkish Journal of Urology , Manuscript ID- UROLOJI-66564 dated 21.02.2017. Accepted on 30.06.17
39. Choudhury S, Jain P, Pal DK. Ureteric obstruction due to aberrant vessel masquerading as retrocaval ureter. Journal of Clinical Diagnostic & Research. Mmanuscript ID-29216, accepted 15.09.2017.
40. Arun Kumar Mourya, Dilip Kumar Pal. Spontaneous complete resolution of complex renal cyst. JCDR (manuscript No- 30803) Accepted on 7th Oct,2017.
41. Jain Pritesh, Sarkar Debansu, Pal Dilip Kumar. Penile carcinoma in young age masquarding as Mondor's disease . JCDR (manuscript No- 30646) Accepted on 07.10.2017

Papers presented in conferences 2016-2017

1. Sayak Roy, Sandeep Gupta, Dilip Kumar Pal. Total tubeless supine PCNL in a horse shoe kidney. 50th annual national conference of USI, 18-21 January.
2. Sayak Roy, Dilip Kumar Pal, P sanki. Comparision between outcome of end to end and end to side internal iliac artery anastomosis in renal transplantation. 50th annual national conference of USI, 18-21 January.
3. Surajit Sasmal, Bastab Ghosh, Dilip Kumar Pal. Factors associated with renal recoverability after percutaneous nephrolithotomy. 50th annual national conference of USI, 18-21 January.
4. Vipin Chandra, Sandeep Gupta, Dilip Kumar Pal. Role of oral steroid after optical internal urethrotomy. 50th annual national conference of USI, 18-21 January.
5. Kartik Sridhar, Sandeep Gupta, Dilip Kumar Pal. Factors influencing outcome of catheter free trial in BHP related acute urinary retention. 50th annual national conference of USI, 18-21 January.
6. Dipak Bera, Amlan Ghosh, Dilip Kumar Pal. Study of mitochondrial DNA damage to evaluate the role of arsenic induced genotoxicity in the development of bladder cancer. 50th annual national conference of USI, 18-21 January.
7. Quality of life assessment of young male catheterized patients- Sandip Pramanik , Sunirmal Choudhury, Rajarshe Neogi, Dilip Kumar Pal, 27 th annual conference East Zone chapter Urological society of India Nov.2017.
8. Objective measurement of Testicular volume in Eastern Indian population using ultrasonography and comparison with Orchidometer estimates- Debasis Samadda, Sandeep Gupta,Dilip Kumar Pal, 27th annual conference East Zone chapter Urological society of India Nov.2017.

9. Pain and anxiety assessment during Cystourethroscopy in male using voiding instruction. Prospective randomized control study-Kunal Kapoor, Debansu Sarkar, Dilip Kumar Pal, 27 th annual conference East Zone chapter Urological society of India Nov.2017.
10. A qualitative study on the perceptions of renal transplantation patients. Barun Kumar, Krishnendu Maiti, Dilip Kumar Pal, 27 th annual conference East Zone chapter Urological society of India Nov.2017.
11. Isolated Renal Hydatid Cyst- Naveen Kumar Gupta, Sandeep Gupta, Dilip Kumar Pal, 27 th annual conference East Zone chapter Urological society of India Nov.2017.
12. Total Tubeless Ultra-Mini Supine percutaneous Nephrolithotomy-Initial Institutional Experience- Naveen Kumar Gupta, Sandeep Gupta, Dilip Kumar Pal, 27 th annual conference East Zone chapter Urological society of India Nov.2017.

SERVICE INFORMATION (01/11/2016 to 30/10/2017)

OPD ATTENDANCE: 54,986

Bed Distribution

Male	Female	Child	Recovery room for renal transplant patients
24	12	4	2

Admissions in urology ward

	Male	Female	Woodburn Block
	984	460	–

Renal transplantation

- Tuesday is the day for our renal transplantation and we perform one transplant weekly with the help of the nephrology and CTVS department
- Total number of transplants done from (1/11/16 - 30/10/2017) 37

Minor OPD procedures Total 4069

USG guided procedures

- TRUS guided prostate biopsy: 183
- USG guided PCN: 89

ESWL 898

Uroflowmetry 3646

Urodynamic studies 300

Major operations 1153

Minor operations 2819

Central Library

Location and floor area Ronald Ross Building, 3rd Floor and 6th Floor – 2400 m² total

Sections

- | | |
|--|---|
| <ul style="list-style-type: none"> • Postgraduate & Postdoctoral Reading Room • Undergraduate Reading Room 1 and 2 • Faculty / Residents Reading Room • Librarian Room | <ul style="list-style-type: none"> • Staff Room • Computer Section • E-Library • Photocopy Room |
|--|---|

Working hours 8:00 AM to 10:00 PM in 2 shifts

No. of Books	21,604
(i) Text	15,850
(ii) Reference	5,754

No. of books purchased during the last 3 years	2016-17 341	2015-16 366	2014-15 151
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No. of Journals subscribed annually

(i) Indian 80		(ii) Foreign 30
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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 (ii) Foreign 26000
	Thesis 2146

Staff

Librarians	Ms. Chitra Nag (Library In-charge) B.Lib., M.A. Ms. Papia Chakraborty M.A., M.L.I.S. Mr. Ashok Kumar Ghosh B.Com., B.Lib.
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Library Assistants	Mrs. Ranu Valmiki Mr. Pravas Roy
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Peons	Mrs. Rupashree Mukherjee
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Sweeper	Mr. Liaquat Ali (Sweeper)
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System of Cataloging Card form of cataloging [AACR code]

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 reading room. Scanning facility is also available.

Central air-conditioning of the library (section on 4th floor of Ronald Ross Building) was completed this year. An unfortunate fire incident in the 6th floor of the Ronald Ross building caused damage to old periodicals. The damaged section is currently being renovated.

Blood Bank

One of the most Vital department of any hospital cum Medical College. Blood Bank started functioning in a 24 hour basis from 1996. Previously it remained open for eight hours from 10AM to 6pm .From then onwards it is contributing and catering to all the patient load of SSKM Hospital as well as sometimes to outside hospitals also. Component Separation licence was granted in the year 2010 and from then onwards RDP,PRBC and FFP are being supplied to patients .There has been an increase in the number of Camps over the past few years and now people are also voluntarily donating blood .The Donor Section has been revamped this year and presently having Four Donor Couches along with Bio-Mixer for smooth in-house Donation.

Voluntary Blood Donation

We have organized 371 no of voluntary blood donation camps during the period 01/01/2017 to 27/11/2017.

- Total collection: **20446**
- Male Donor: **16868 (82.5%)** Female Donor: **3578 (17.5%)**

We also did in-house collection which usually is called replacement donation.

- Total collection: **5646**
- Male Donor: **5344 (94.6%)** Female Donor: **302 (5.4%)**

So total collection is **26092** units

Each and every blood unit is tested for mandatory five tests: HIV, Hepatitis B, Hepatitis C, Syphilis, malaria. In short these tests are to reduce for TTI (Transfusion Transmitted Infection)

REPORT ON TTI REACTIVITY (based on Confirmation Date)

	HIV		HBsAg		HCV		RPR		MP		Reactive		Total	
	Tot.	(%)	Tot.	(%)	Tot.	(%)	Tot.	(%)	Tot.	(%)	Tot.	(%)	Tot.	(%)
Jan	1	0.03	18	0.68	13	0.49	0	0.00	1	0.03	33	1.25	2620	
Feb	4	0.15	24	0.91	0	0.00	0	0.00	0	0.00	28	1.06	2618	
Mar	3	0.12	27	1.15	1	0.04	0	0.00	0	0.00	31	1.32	2342	
Apr	5	0.19	24	0.95	2	0.07	0	0.00	3	0.11	33	1.31	2505	
May	0	0.00	31	1.08	4	0.14	1	0.03	2	0.07	38	1.33	2847	
Jun	3	0.12	30	1.24	3	0.12	0	0.00	0	0.00	35	1.45	2410	
Jul	1	0.03	16	0.62	1	0.03	0	0.00	0	0.00	18	0.70	2559	
Aug	4	0.13	34	1.11	9	0.29	0	0.00	0	0.00	47	1.54	3047	
Sep	2	0.09	17	0.82	5	0.24	0	0.00	0	0.00	24	1.16	2054	
Oct	2	0.10	10	0.52	7	0.36	0	0.00	0	0.00	19	0.99	1904	
Nov	3	0.13	12	0.54	5	0.22	0	0.00	0	0.00	20	0.90	2212	
Tot	28	0.10	243	0.89	50	0.18	1	0.00	6	0.02	326	1.20	27118	

All the reactive cases are communicated and counseled to attend further for confirmation. Unfortunately very few are interested to come for further screening.

All the TTI non reactive blood units are Grouped and kept ready for allotment for patients. TTI reactive blood units are grouped and discarded.

In the said period we have handled and allotted blood against **29058** No. of requisitions

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

We usually prepare first three as the demand for Cryoprecipitate is very rare and also the quadruple blood bag is not readily available. Now we have new freezer so we are going to prepare Cryo Ppt.

In the period we collected/prepared:

Whole Blood-**10165** units, PRBC-**15927** units, FFP-**14510** units and RDP-**8821** units

We have increased our Component Separation from **20% to almost 61%** in this year .This is a great achievement. This became possible as we got seven more Technicians.

We procured four Donor couches and four Bio-mixers through IPGME&R store for our Donor Section We have also received new Equipment from WBMSCL for our Component Section.

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.

In the period 01/01/2017 to 27/11/2017:

Total no. of client attended the Centre	27827
Found reactive	210
No of patients taking ART	210
No of patients having STI (sexually transmitted infection)	295
Targeted Intervention (sexual worker and their client)	1014
Sent to RNTCP	263
Received from Blood Bank	03
Received from RNTCP	66
Co-infection (both HIV & Tuberculosis)	0

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. Bandana Banerjee	Nursing Superintendent & Member of W.B. Nursing council	B.Sc. (Hons) Nursing M.Sc. (Medical-Surgical Nursing)	Administration. Hospital & Teaching
2	Smt. Jaya Mandal	Deputy Nursing Superintendent (DNS)	B.Sc.(Hons) Nursing M.Sc. (Community Health Nursing)	Administration & supervision of NICU, SNCU & Night duty roster.
3	Smt. Parul Nandi	DNS	Post-Basic B.Sc. Nursing	Administration. & supervision of ER, EOW, NCB and PMR.
4	Smt. Chinu Roy Chowdhury	DNS	Post-Basic B.Sc. Nursing M.Sc. (Obstetrics Nursing)	Detailed to Baghajotin Nursing Training School.
5	Smt. Rina Chakraborty	Deputy Nursing Superintendent	Post-Basic B.Sc. Nursing	Helping in administration & NER Ward. In addition ALEX Ward Block in charge, OPD+OT Night Roster.
6	Smt. Madhuri Nanda	Deputy Nursing Superintendent	Post-Basic B.Sc. Nursing	Helping in administration & CTVS & SDLD (Block Charge) Medical Team.
7	Smt. Sima Nag Maity	Deputy Nursing Superintendent	Post-Basic B.Sc. Nursing	Helping in administration.
8	Smt. Mausumi Roy	Deputy Nursing Superintendent	Post-Basic B.Sc. Nursing M.Sc. (Nursing)	Helping in administration & Supervision of Maternity Dept.
9	Smt. Samapti Chakraborty	Deputy Nursing Superintendent	Post-Basic B.Sc. Nursing M.Sc. (Psychiatry Nursing)	
10	Smt. Namita Gupta	Acting DNS	Post-Basic B.Sc. Nursing	Helping in administration at NPS Building & in addition Ronald Ross Building Burns, Ligation Ward & OT.
11	Smt. Krishna Das	Acting DNS	GNM Passed	Helping in nursing administration.
12	Smt. Kaberi Pan	Acting DNS	GNM Passed	Helping in nursing administration.
13	Smt. Subhra Basu Majumder	Acting DNS	G.N.M	Helping in nursing administration.

WARD MANAGEMENT

SN	Name of Officer & Name of ward	Post/Designation	Qualification	Activities
14.	Smt. Kajal Das Smt. Nilima Maji Alex Ward	Sister-in-Charge [Gr.I(ii) of WBNS]	1. Post-basic B.Sc. Nursing 2. Post-basic B.Sc. Nursing	Ward administration
15.	Smt. Indrani Bondyopadhyay Victoria ward	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
16.	Smt. Subhra Mitra N.E.R. Male Ward (Beds – 89)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
17.	Smt. Bandana Mukherjee Smt. Arpana Sharma Curzon Ward (Beds – 110)	Sister-in-Charge [Gr.I(ii) of WBNS]	1. GNM passed 2. B.Sc. (H) Nursing	Ward administration
18.	Smt. Putul Jana Smt. Niva Das Mackenzie Ward (Beds – 80)	Sister-in-Charge [Gr.I(ii) of WBNS]	1. Post-basic B.Sc. Nursing 2. GNM passed	Ward administration
19.	Smt. Chandra Chakroborty Woodburn Ward (Beds – 39)	Sister-in-Charge [Gr.I(ii) of WBNS]	1. Post Basic B.Sc. Nursing	Ward administration
20.	Smt. Kalpana Seth NPS ward	Sister-in-Charge [Gr.I(ii) of WBNS]	B.Sc. (H) Nursing	Ward administration
21.	Smt. Mira Mitra Smt. Asha Biswas NCB Ward (Beds – 45)	Sister-in-Charge [Gr.I(ii) of WBNS]	1. GNM 2. Post-basic B.Sc. Nursing	Ward administration
22.	Smt. Ratna Das ITU (Beds – 11)	Sister-in-Charge [Gr.I(ii) of WBNS]	Cond. B.Sc. (H) Nursing	Ward administration
23.	Smt. Asoka Mandal, Haemo Dialysis (Beds – 30 in 3 shifts)	Sister-in-Charge [Gr.I(ii)]	Post-basic B.Sc. Nursing	Ward administration
24.	Smt. Mausumi Adhikary MRU Ward (Beds – 46)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
25.	Smt. Ratna Nandy Urology Ward (Beds – 52)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
26.	Smt. Pratima Bhattacharjee Chest Ward (Beds – 50)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
27.	Smt. Rina Chakroborty , ENT Ward (Beds – 60)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
28.	Smt. Anita Mandal RTU (Beds – 60)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
29.	Smt. Juin Das CCU (Beds – 30)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
30.	Smt. Shyamali Maity , Burn Ward (Beds – 30)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
31.	Smt. Pravabati Soren Smt. Smritikana Saha Smt. Ratna Sen (Roy) Heart Unit (Beds – 187)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed M.Sc. (Nursing)	Ward administration

32.	Smt. Namita Biswas, ICCU Ward (Beds – 30)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
33.	Smt. Anupama Saha Gaynae Ward (Beds – 40)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
34.	Smt. Chhanda Nandy, Maternity Ward (Beds – 81)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
35.	Smt. Mitali Das Maternity Septic Ward (Mat GF) (Beds – 26)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
36.	Smt. Nilima Mandal Labor Room (Tables – 3, Beds – 10)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
37.	Smt Gayatri Mukherjee NICU (Beds – 25)	Sister-in-Charge [Gr.I(ii) of WBNS]	B.Sc. (H) Nursing M Sc. Nursing	Ward administration
38.	Sulata Mandal SNCU (Beds – 75)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
39.	Smt. Suvra Pandit Smt. Chhanda Maity CTVS Ward (Beds – 76)	Sister-in-Charge [Gr.I(ii) of WBNS]	1. Post-basic B.Sc. Nursing 2. Post-basic B.Sc. Nursing	Ward administration
40.	Smt Banani Das Eye Ward (Beds – 22)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
41.	Smt. Nibedita Deb Adhikary Smt. Sankari Majumder Cable Ward (Beds – 75)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed B. Sc. (H) Nursing	Ward administration
42.	Smt. Bani Mitra Ligation Ward (Beds – 10).	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
43.	Smt. Chaitali Sahoo CTVS OT	Sister-in-Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Ward administration
44.	Smt. Anita Manna SDLD Ward (Beds – 39)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
45.	Smt. Annapurna Sardar SDLD- OT	Staff –Charge [Gr. (ii) of WBNS]	M.Sc. Nursing	Ward administration
46.	Smt. Srobona Roy EOW Ward (Beds – 40)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
47.	Smt. Chhanda Dev RH. Ward	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
48.	Smt. Sabita Mukherjee, PMR Ward (Beds – 24)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
49.	Smt. Srabani Kar Smt. Sanhita Khanra OT Complex (Tables – 12)	Sister-in-Charge [Gr.I(ii) of WBNS]	1. Post-basic B.Sc. Nursing 2. Post-basic B.Sc. Nursing	Ward administration
50.	Smt Usha Sarkar WOT (Tables – 3)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
51.	Smt. Rimpi Bala, EOT OT (tables – 2)	Sister-in-Charge [Gr.I(ii) of WBNS]	B.Sc. (H) Nursing	Ward administration
52.	Smt. Chaitali Sahoo CTVS OT (Tables – 4)	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
53.	Smt. Alpna Gharai, URO OT	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration

54.	Smt. Namita Rana (Das), NPS OT	Sister-in-Charge [Gr.I(ii) of WBNS]	Post-basic B.Sc. Nursing	Ward administration
55.	Smt. Bina Rani Goswami, Smt. Mina Bondhupadhyay G.OT	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed	Ward administration
56.	Smt. Ratna Das (II), Smt. Sathi Pant CCR OT	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM passed Post-basic B.Sc. Nursing	Ward administration
57.	Smt. Radha Rani Jana	Staff-In-Charge [Gr. (ii) of WBNS]	GNM passed	Ward administration
58.	Smt. Sanjukta Dutta EOT	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM	Ward administration
59.	Smt. Bharati Ghoshal General ER (Patients' Examination Table - 6 & Disaster Enclave - 10)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM	ER management
60.	Smt. Shampa Manna Ligation OT, table -3	Staff Nurse [Gr.II of WBNS]	GNM	ER management
61.	Smt. Putul Chakroborty Nurses' Hostel (Boarders - 350)	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM	Home & Mess management
62.	Smt. Sathi Bhattacharjee	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM	Home management
63.	Smt. Bani Naiya Maternity GF	Sister-in-Charge [Gr.I(ii) of WBNS]	GNM	Home management
64.	Smt. Swapna Dey	Acting DNS	GNM	Office administration

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 Khatoon

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 2017

SN	Name	Designation	Status	Date
1	Smt. Anu Biswas	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.01.2017
2	Smt. Sanjikta Dutta	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.01.2017
3	Smt. Rita Sarkar	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.12.2017
4	Smt. Sulekha Sarkar	Sister Gr 1(ii)	Superannuation from S.S.K.M.	30.11.2017
5	Smt. Sipra Bhowmik	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.01.2017
6	Smt. Bani Sarkar	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.06.2017
7	Smt. Anima Panda	DNS	Superannuation from S.S.K.M.	31.07.2017
8	Smt. Ila Basu Dhar	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.01.2017
9	Smt. Sikha Acharya	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.01.2017
10	Smt. Gouri Bhowmik	Staff Nurse	Superannuation from S.S.K.M.	30.09.2017
11	Smt. Jharna Chatterjee	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.01.2017
12	Smt. Jaba Chakroborty	Sister	Superannuation from S.S.K.M.	31.01.2017
13	Smt. Sima Chowdhury	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.03.2017
14	Smt. Tarasundari Mandal	Sister Gr 1(ii)	Superannuation from S.S.K.M.	30.11.2017
15	Smt. . Mira Sarkar	Sister Gr-i(ii)	Superannuation from S.S.K.M.	31.01.2017
16	Smt. Bhabanin Dutta	Staff Nurs3e	Superannuation from S.S.K.M.	30.09.2017
17	Smt. Jayanti Gongopadhyay	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.10.2017
18	Smt. Jamuna prava Acherjee	Staff Nurse	Superannuation from S.S.K.M.	31.10.2017
19	Smt. Swapna GUha Nag	Staff Nurse	Superannuation from S.S.K.M.	28.02.2017
20	Smt. Rita Banerjee	Staff Nurse	Superannuation from S.S.K.M.	28.02.2017

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 OPD-21

Sanctioned strength of Nursing personnel in Hospital Nursing Administration and Education -1108

Total sanctioned strength of staff nurses – 1089

- Posts filled-up – 802
- Total vacant post- 287
(NS-01, PNO-01, DNS-08 out of 50 for three shifts, Sister-In-Charge - 80 out of 110 for three shifts, Staff Nurses - 208 for three shifts)

Smt. Anjushree Chattopadhyay, Staff Nurse, has been declared as the recipient of the Most Humane Nurse Award 2017.

Nursing Training School

Nursing Training School, I.P.G.M.E.&R and S.S.K.M. Hospital, Kolkata came into being in 1956 and over its long course of time the school has been stepping forward with excellence in producing skilled nursing students for the State and beyond.

The set-up of the school comprises of Principal Nursing Officer, Group-A of West Bengal General Service Cadre, Govt. of West Bengal with a fully fledged Office;

Government has sanctioned a separate eight (08) storied compact building for Nursing Training School of which construction work is nearing completion.

Student strength of GNM - 233 with 100 yearly Intake,
Academic Session-September to August each year for the present.
Duration of the GNM Course — 3 years.

No. of Students undergoing training year-wise:

- 1st Year – 96 2nd Year – 44 3rd Year – 47 Internee - 46

Teaching Faculty – 28

Out of these 28 teachers, 06 are on study leave for M.Sc. Nursing, 04 are working on detailment at other Institutions.

Session of the GNM Course commences from September to August as 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 for the students.

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, District South 24 Parganas.

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 following organizations, like-

- Water Treatment Plant, Garden Reach
- Sewage Treatment Plants under Garden Reach Municipality
- Central Dairy Plant, Belgachia, Kolkata
- Infectious Diseases Hospital, Beliaghata, Kolkata
- Bengal Chemicals, Maniktala, Kolkata
- Old Age Home, Little Sister of The Poor, Kolkata
- Blind School, Light House for The Blind, Rashbehari avenue, Kolkata

As 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 teachers.

Annual results of the students:

- 46 3rd year students have completed successfully their 3rd GNM council examination in August 2017 and with 100% result, and started GNM Internship from September 2017 to February 2018.
- 47 2nd year GNM students are completed their 2nd GNM Council Examination in August 2017 and with 100% result, and started 3rd year GNM from September 2017 to August 2018
- 44 1st year GNM students are completed their 1st GNM Council Examination in August 2017 and with 100% result, and started 2nd year GNM from September 2017 to August 2018.
- 5 (Extra batch) 3rd year GNM students completed their 3rd GNM Council Examination in February 2017 and with 100% result, and started Internship from March 2017 to August 2017.

The newly admitted 100 (hundred) 1st year GNM students started session from September 2017 to August 2018 (four students left).

For best academic performances, school recommends the following students to receive medals for 2016-17 Academic Session

1. 3rd Year G.N.M. Student – Sujata Guria
2. 2nd Year G.N.M. Student – Saptami Mondal
3. 1st Year G.N.M. students – 1) Trisha Sarkar 2) Shabnam Sultana

List of faculty in position at the Nursing Training School:

SN	Faculty Name	Post held with grade
1	JYOTSNA BERA	Principal Nursing Officer, Gr-I(i)(a), WBGS
2	SOMA PAL	Sr. Sister Tutor, Gr-I(i)(b), WBNS
3	NANDA SINGHA	Sr. Sister Tutor, Gr-I(i)(b), WBNS
4	MITALI CHAKRABORTY	Sister Tutor, Gr-I(ii), WBNS
5	SOMA DAS	Sister Tutor, Gr-I(ii), WBNS
6	IRA PALIT	Sister Tutor, Gr-I(ii), WBNS
7	PAPIYA DAS	Sister Tutor, Gr-I(ii), WBNS
8	ALI SAHA	Sister Tutor, Gr-II, Teacher
9	SASWATI DUTTA	Sister Tutor, Gr-I(ii), WBNS
10	DEBJANI DEY	Sister Tutor, Gr-I(ii), WBNS
11	DIPALI MAHAPATRA	Sister Tutor, Gr-I(ii), WBNS
12	ROMI DEVNATH	Sister Tutor, Gr-I(ii), WBNS
13	JHUMA BHATTARCHYA	Sister Tutor, Gr-I(ii), WBNS
14	MUNMUN JOARDAR	Sister Tutor, Gr-I(ii), WBNS
15	NABANITAPATTANAYAK	Sister Tutor, Gr-I(ii), WBNS
16	ANANYA ROY	Sister Tutor, Gr-I(ii), WBNS
17	MADHURIMA MAJUMDAR	Sister Tutor, Gr-I(ii), WBNS
18	ATASI RANI MONDAL	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	SUDESHNA KAR	Sr. Sister Tutor, Gr-I(i)(b), WBNS
20	CHANDRIMA MAITY	Sr. Sister Tutor, Gr-I(i)(b), WBNS
21	BABY MONDAL	Sister Tutor, Gr-I(ii), WBNS
22	MONICA MONDAL	Sister Tutor, Gr-I(ii), WBNS
23	TANNISTHA MAJI	Sister Tutor, Gr-I(ii), WBNS
24	TIRNA SIKDAR	Sister Tutor, Gr-I(ii), WBNS
25	PIYALI HAZRA	Sister Tutor, Gr-I(ii), WBNS
26	ANKITA NATH	Sister Tutor, Gr-I(ii), WBNS
27	SWAPNA GHOSH	Sister Tutor, Gr-I(ii), WBNS
28	MITA CHATTERJEE	Sister Tutor, Gr-I(ii), WBNS

Postgraduate and postdoctoral seats listing – 2017

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 2017	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	08 (7R + 1P)	07 (6R + 1P)	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 + 2P)	05 (2R + 3P)	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)	08	04 (4R)	04 (4R)	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.
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)	15	07 (7R)	08 (8R)	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.
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)200?-MED/62233 dt. 06.01.2010 MOHFW NO: U12012/988/2009-ME (PII) Pt. dt. 04.02.2010. Subsequently confirmed.
	TOTAL	144	72 (67 R + 5P)	72 (66R + 6P)	

Diploma seats

SN	Name of subject	No. of PG Diploma seats 2017	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)	04	02	02	Recognized 04.
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)	04	02	02	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)	10	05	05	Recognized 10.
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	18	9	9	

DM and MCh seats

SN	Course	Total seats	Status in Dec 2017
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	Permitted 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 64 Permitted 5