

Government of West Bengal

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

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



Annual Report for the Year 2016

Released on 61st Foundation Day – Jan 16, 2017



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,

Like previous years, I am thrilled to welcome you all to the Foundation Ceremony of this premier institute of medical education and research. I convey my heartfelt thanks to all of you for joining us on this auspicious day. This is an annual celebration to recognize our past, acknowledge our beginnings and create awareness of who we are, what we value and where we are going. It recognizes who we are as a community, our values, our ethos and our commitment to 'the public good'. So, on the occasion of the 61st Foundation day of IPGME&R on 16th January, 2017, I wish to congratulate the entire faculty and other staff for encouraging and guiding the students in all facets, for their efforts at all-round development and efficient patient care service.

Over the last few years, the institute has been undergoing upgradation in several areas. The departments of Radiotherapy, School of Digestive and Liver Diseases (SDLD), Neonatology, Urology and Nephrology have been upscaled and construction of the Trauma Centre has been completed till the 11th floor. It should be operational hopefully by end of 2017. Additionally, site development for a proposed nine storied OPD complex has started. The Uro-Nephrology department upon completion will also be the Eastern Regional Organ and Tissue Transplant Organization (ROTO) Center.

Upgradation of the oncology department has been completed and outdoor services have started. A new CT simulator has been installed along with further proposals for expansion of the radiotherapy department with LINAC facilities. The Academic Building is now complete till 8 stories and will host Ladies Hostel, Multidisciplinary Research Unit (MRU), the Director's Office and the Dean's office along with the Students' Section. The construction of the Labor Complex and an extended High Dependency Unit (HDU) is complete in the Obstetrics and Gynecology department, along with an assisted fertility unit. A Genetic Services Unit under the aegis of the Biomedical Genomics Centre (BMGC) has been initiated at the PG Polyclinic. I am also proud to present a new 750-seated auditorium, reflecting institution's status as a premier centre for education and research. It is undergoing final touches.

On the academic front, there is a rising curve in the activities as evident in the annual report. The institute has been successfully running undergraduate, postgraduate and postdoctoral courses in medicine and nursing along with different paramedical courses. Almost all the postgraduate and postdoctoral seats which were enhanced in 2010 have been recognized by Medical Council of India (MCI). We have added another feather in our cap by getting permission for postgraduate course in Surgical Gastroenterology.

Research is an integral part of our training. A good number of research projects have been completed and many are underway. The faculty from our college are invited nationally and internationally for many conferences and workshops. The Viral Research & Diagnostic Laboratory (VRDL) & Antimicrobial Resistance Surveillance Project (AMRSP) are at the stage of inception and will be functional this year. Biomedical research is being undertaken by the faculty who are being funded by Government of India agencies like ICMR, DBT, DST, CSIR, DAE and UGC. The departments of Biochemistry, Pharmacology, Rheumatology, Endocrinology and SDLD are being supported for infrastructural development through the DST-FIST program of the central government. Alongside, the departments of Pathology, Plastic Surgery, Neurosurgery, Neuromedicine and Microbiology are also being upgraded through DST-FIST (West Bengal) and ICMR (DHR). Our faculty members serve on several national task force committees and are supervising a number of PhD candidates registered with various universities.

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. Manju Banerjee
Director, IPGME&R, Kolkata

Date: 02/01/2017

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**There are, in truth, no specialties in medicine,
since to know fully many of the most important
diseases a man must be familiar with their
manifestations in many organs**

- William Osler

Medal awards

1.	Sir Ronald Ross Oration 2017	Prof. Chintamani
2.	Dr. Arun Banerjee Memorial Oration 2017	Prof. Amit K. Dinda
3.	Medal for Proficiency in Annual Examination – MD (General Medicine) Session 2014-2017	Dr. Debdeep Mondal
4.	Medal for Proficiency in Annual Examination – MS (General Surgery) Session 2014-2017	Late Dr. Amitava Mandal
5.	Medal for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2014-2017	Dr. Sukanya Roy
6.	Medal for Proficiency in Thesis Work – MD (General Medicine) Session 2014-2017	Dr. Adrija Hazra
7.	Medal for Proficiency in Thesis Work – MS (General Surgery) Session 2014-2017	Dr. Anirban Das
8.	Medal for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2014-2017	Dr. Samik Sanyal
9.	Prof. Amal Kumar Bose Memorial Award for obtaining highest marks in MD (Anesthesiology) 2016 from IPGME&R	Dr. Arpita Choudhury
10.	Dr. Prabir Sengupta Memorial Award for excellence in MD (Radiodiagnosis) 2016 from IPGME&R	Dr. Koushik Kumar Nayak
11.	Madhusudan Saha Memorial Award for obtaining highest marks in MS (General Surgery) 2016 from IPGME&R	Dr. Jibhakate Nikhilesh Ashok
12.	Niharbala Ghosh Memorial Award for obtaining highest marks in MS (Obstetrics & Gynecology) 2016 from IPGME&R	Dr. Sanchari Dutta
13.	Dr. Purnima Mukherjee & Smt. Kalyani Dutta Gupta Award for best thesis in Anesthesiology in 2016 among students of IPGME&R	Dr. Priyabrata Shit
14.	Dr. K. P. Sengupta Memorial Award for highest marks in MD Pathology university examination in 2016 among students of IPGME&R.	Dr. Namrata Maity
15.	Pushpa Rani Saha Memorial Award for obtaining highest marks in Surgery in Final MBBS Examination 2016 from lady students of IPGME&R	Ms. Jeba Nazneen
16.	Medal for proficiency in Final General Nursing & Midwifery Examination 2016	Ms. Jhilik Acharjee
17.	Medal for proficiency in Second Year General Nursing & Midwifery Examination 2016	Ms. Nasrin Parvin
18.	Medal for proficiency in Preliminary General Nursing & Midwifery Examination 2016	Ms. Sonali Mondal
19.	Medal for proficiency in BPT Final Examination 2016	Mr. Rahul Mandal
20.	Medal for proficiency in BPT Final Examination 2013	Fauzia Javed Sheereen

Certificate awards

1.	Certificate for Senior Class Assistantship in Physiology 2016	Amrita Ray
2.	Certificate for Junior Class Assistantship in Physiology 2016	Indra Kishore Mahato
3.	Certificate for Senior Class Assistantship in Biochemistry 2016	Abhik Bhattacharyya
4.	Certificate for Junior Class Assistantship in Biochemistry 2016	Meenakshi Khemka
5.	Certificate for Senior Class Assistantship in Microbiology 2016	Saikat Sen
6.	Certificate for Junior Class Assistantship in Microbiology 2016	Mainak Roy
7.	Certificate for Senior Class Assistantship in Pharmacology 2016	Saikat Sen
8.	Certificate for Junior Class Assistantship in Pharmacology 2016	Sourav Chakraborty
9.	Certificate for Senior Class Assistantship in Community Medicine 2016	Debroop Sengupta
10.	Certificate for Junior Class Assistantship in Community Medicine 2016	Niladri Das
11.	Certificate for Senior Class Assistantship in Eye 2016	Chandramouli Goswami
12.	Certificate for Junior Class Assistantship in Eye 2016	Debroop Sengupta
13.	Certificate for Senior Class Assistantship in ENT 2016	Debroop Sengupta
14.	Certificate for Junior Class Assistantship in ENT 2016	Soumita Sarkar
15.	Certificate for Senior Class Assistantship in Medicine 2016	Rimjhim Basak
16.	Certificate for Junior Class Assistantship in Medicine 2016	Sudeshna Singha
17.	Certificate for Senior Class Assistantship in Surgery 2016	Rimjhim Basak
18.	Certificate for Senior Class Assistantship in Obst. & Gyne. 2016	Rahul Manna
19.	Certificate for Junior Class Assistantship in Obst. & Gyne. 2016	Subhasish Santra
20.	Certificate for Senior Class Assistantship in Pediatrics 2016	Sayantana Chakraborty
21.	Certificate of Merit for securing highest marks in 1st Professional MBBS Examination among students of IPGME&R 2016	Srinjay Maji, Amrita Ray
22.	Certificate of Merit for securing highest marks in 2nd Professional MBBS Examination among students of IPGME&R 2016	Debtanu Banerjee
23.	Certificate of Merit for securing highest marks in 3rd Professional Part I MBBS Examination among students of IPGME&R 2016	Avishikta Das
24.	Certificate of Merit for securing highest marks in Third Professional Part II MBBS Examination among students of IPGME&R 2016	Jeba Nazneen
25.	First Certificate of Merit for Proficiency in Annual Examination – MD (General Medicine) Session 2014-2017	Dr. Arpan Dutta
26.	First Certificate of Merit for Proficiency in Annual Examination – MS (General Surgery) Session 2014-2017	Dr. Arnab Chakraborty
27.	First Certificate of Merit for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2014-2017	Dr. Shreeja Karan
28.	Second Certificate of Merit for Proficiency in Annual Examination – MD (General Medicine) Session 2014-2017	Dr. Adrija Hajra
29.	Second Certificate of Merit for Proficiency in Annual Examination – MS (General Surgery) Session 2014-2017	Dr. Sumit Kabra
30.	Second Certificate of Merit for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2014-2017	Dr. Dipannita Chakraborty
31.	First Certificate of Merit for Proficiency in Thesis Work – MD (General Medicine) Session 2014-2017	Dr. Abhishek Chowdhury
32.	First Certificate of Merit for Proficiency in Thesis Work – MS (General Surgery) Session 2013-2016	Dr. Barun Kumar
33.	First Certificate of Merit for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2014-2017	Dr. Dipannita Chakraborty
34.	Second Certificate of Merit for Proficiency in Thesis Work – MD (General Medicine) Session 2014-2017	Dr. Debdeep Mondal
35.	Second Certificate of Merit for Proficiency in Thesis Work – MS (General Surgery) Session 2013-2016	Dr. Arnab Mandal
36.	Second Certificate of Merit for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2014-2017	Dr. Soma Soren
37.	Certificate of Merit for being the Most Humane Nurse 2016	Sr. Idira Lama

Postgraduate MD / MS Students clearing University Examination in 2016

MD [Anesthesiology]

- Gargi Nandi (AIQ)
- Amitava Nandy (SQ) (Service)
- Jisnu Nayak (SQ)
- Arun Kumar Mandi (SQ)
- Pratibha Bhunia (SQ)
- Swarnali Dasgupta (AIQ)
- Shanta Dutta (AIQ)
- Priyabrata Shit (AIQ)
- Animesh Baul (AIQ)
- Zoengmawia (AIQ)
- Arpita Choudhury (AIQ)
- Pijush Kanti Choudhury (SQ) (Service)
- Nairita Mayur (SQ)
- Priyanka Mondal (SQ)

MD [Anatomy]

- Subhadip Bharati (SQ) (Service)
- Panchali Som (AIQ)
- Anwesa Pal (AIQ)
- Rajarshi Roy (SQ)
- Sunipa Ganguly (SQ)

MD [Biochemistry]

- Anchala Kumari (AIQ)
- Tapan Kumar Sinha Roy (SQ) (Service)
- Ujjwal Kumar Bera (AIQ)
- Aparajita Dhar (SQ) (Service)
- Debashree Roy (SQ)
- Neha Karar (SQ)
- Sukanta Das (SQ)

MD [Dermatology]

- Manmit Kaur Hora (SSKM Trust)
- Lina Bandyopadhyay (SQ) (Service)
- Akhilesh Behra (AIQ)
- Nidhi (AIQ)
- Pranshu Mishra (SQ)

MD [General Medicine]

- Durjoy Lahiri (AIQ)
- Abhirup Bhunia (AIQ)
- Shingamlung Kamei (AIQ)
- Arnab Banerjee (AIQ)
- Amrita Biswas (SQ) (Service)
- Ramita Sarkar (SQ)
- Arabinda Patra (SQ) (Service)
- Ayan Roy (SQ)
- Shasanka Sekhar Das (SQ)
- Sayan Ghosh (SQ)
- Rajeev Ranjan (AIQ)
- Kity Sarkar (AIQ)
- Rakesh Agarwal (AIQ)

MD [Microbiology]

- Prabir Kumar Ghosh (SQ) (Service)
- Asmita De (AIQ)
- Lalbiaktluangi (AIQ)
- Raja Ray

MS [Obstetrics & Gynecology]

- Priyadarshini M. (AIQ)
- Sagarika Majumdar (AIQ)
- Sharmila Patra (SQ) (Service)
- Mansi Upadhyaya (SQ)
- Sudeshna Dutta (AIQ)
- Niharika Thakur (AIQ)
- Pratibha Tiwary (AIQ)
- Sanchari Dutta (SQ)
- Santanu Das (SQ)
- Souptik Gangopadhyay (SQ)
- Rashmi Baid (SQ)

MS [Orthopedics]

- Sagnik Ray (SSKM Trust)
- Durbaraj Rakshit (SQ) (Service)
- Sandeep Velagada (AIQ)
- Sudarsan Behera (AIQ)

MS [Otorhinolaryngology]

- Syama Bandyopadhyay (SQ) (Service)
- Sanhita Halder (AIQ)
- Bahnisikha Kayet (SQ)
- Mansur Alam (SQ)
- Soumik Basu

MD [Pathology]

- Namrata Maity (AIQ)
- Utsha Senapati (AIQ)
- Soutrik Das (AIQ)
- Ruby Sarkar (SQ) (Service)
- Koushik Sarkar (SQ)
- Bobby Majumdar (SQ) (Service)
- Deval Parekh (AIQ)
- Gargi Mukherjee (AIQ)
- Mona Tirkey (SQ)
- Piyabi Sarkar (AIQ)
- Riju Bhattacharyya (AIQ)
- Kamalika Bandyopadhyay (SQ)
- Asit Chakraborty (SQ)
- Saikat Bera (SQ)

MD [Pediatrics]

- Seyiekhrietuo Rutsa (AIQ)
- Amit Shekharay (AIQ)
- Jayanta Kumar Sarkar (SQ)
- Gargi Das (SQ)

MD [Pharmacology]

- Chandrakana Bandopadhyay (SQ) (Service)
- Bikramjit Barkandaj (SQ)
- Vivek Kumar Verma (SQ) (Service)
- Subhrangsu Chatterjee (AIQ)
- Nafisha Yasmin (AIQ)
- Lily Dubey (AIQ)

MD [Physiology]

- Gouranga Sardar (SQ) (Service)
- Madhusmita Boro (AIQ)
- Manik Chandra Ghosh (SQ)
- Chandan Biswas (SQ)
- Prasenjit Majumder (SQ)

MD [Physical Medicine & Rehabilitation]

- Md. Anwar Sadat Halder (SQ)
- Swarnali Mandal (AIQ)
- Saurav Kanti Sinha (SQ)

MD [Psychiatry]

- Tamoghna Bandyopadhyay (SQ)
- Arghya Halder (SQ)
- Avik Kumar Layek (AIQ)
- Joydeep Acharyee (AIQ)

MD [Radiodiagnosis]

- Ruchira Das (AIQ)
- Subhadip Saha (AIQ)
- Sumit Laskaria (AIQ)
- Md. Liyakat Ali Chowdhury (SQ) (Service)
- Santanu Mandal (SQ)
- Sumit Majumder (SQ) (Service)
- Paramita Hota (AIQ)
- Akash Mukherjee (SQ)

MD [Radiotherapy]

- Biswadeep Chandra (SQ) (Service)
- Vishnu Gopal (AIQ)
- Soumen Mukherjee (SQ) (Service)
- Ranti Ghosh (SQ)
- Rajib Bhattacharjee (SQ)
- Siladitya Mandal (SQ) (Service)

MS [General Surgery]

- Gaurab Das (AIQ)
- Arnab Mondal (AIQ)
- Aditya Kumar De (SQ) (Service)
- Somen Sanfui (SQ)
- Pratik Das Adhikari (SQ) (Service)
- Amit Kumar das (SQ)
- Gaurab Dasgupta (SQ)
- Barun Kumar (SQ)
- Anil Kumar Singh Yadav (AIQ)
- Kela Harish Premratan (AIQ)
- Jibhakate Nikhilesh Ashok (AIQ)
- Chaina Paul (AIQ)
- Anirban Das (SQ) (Service)
- Bikash Chandra Dey (SQ) (Service)

MD [TB & Respiratory Medicine]

- Sonali Paridha (AIQ)
- Pratik Biswas (SQ)
- Arnab Sit (AIQ)

Postgraduate Diploma Students clearing University Examination in 2016

DA

- Mrinal Kumar Mallick (AIQ)

DVD / DDVL

- Navel Patel (AIQ)

DLO

- Sanjoy Ghosh (SQ) (Service)
- Syama Prosad Mukhopadhyay (SQ) (Service)
- Sourav Roy (SQ)

DMRD

- Sudipta Bhattacharyya (SQ) (Service)
- Rina Mondal (SQ)
- Mukesh Kumar Gupta (SQ)
- Anju Kumari (AIQ)
- Shailendra Kumar Gautam (AIQ)
- Rathin Chandra Kumar (AIQ)

DMRT

- Gowshikk Rajkumar (AIQ)

DPM

- Kanchan Mukherjee (SQ) (Service)
- Writtika Chattaraj (AIQ)
- Debanjan Saha (AIQ)
- Debabrata Mandal (SQ)
- Himadri Mura (SQ)
- Biswajit Layek (SQ)

Postgraduate Students clearing University Supplementary Examination in 2016

MS [ObGy]

- Antara Naskar

MS [Orthopedics]

- Supriya Sarkar
- Raj Kumar Singh

MS [General Surgery]

- Rameschandra Murmu
- Pratik Das Adhikari

DPM

- Tamalika Deb Roy

Postdoctoral Students clearing University Examination in 2016

MCh [Neurosurgery]

- Dr. Aditya Kesharwani
- Dr. Hitendra S. Nayak
- Dr. Abhishek Kumar Shah
- Dr. Bakle Sarang Prakash
- Dr. Navdeep Malhotra
- Dr. Amit Kumar Jain

MCh [Plastic Surgery]

- Dr. Vaibhav Jain
- Dr. Jayanta Bain
- Dr. Debasis Baitalik
- Dr. Sushovan Saha
- Dr. Manavi Mishra
- Dr. Krishnanand Dhruw

MCh [Urology]

- Dr. Varun Wats
- Dr. Vijay Kumar Sarma Madduri
- Dr. Soumya Mondal
- Dr. Debi Prasad Das
- Dr. Sanjay Kumar
- Dr. Deepak Kumar Biswal

MCh [CTVS]

- Dr. Pramesh Jain
- Dr. Gautham Shetty
- Dr. Santosh Kumar

DM [Cardiac Anesthesiology]

- Dr. Deepanwita Das
- Dr. Anusua Banerjee

DM [Cardiology]

- Dr. Vishal Batra
- Dr. Rahul Arora
- Dr. Manish Vinayak
- Dr. Sreedhara R
- Dr. D Manjunath
- Dr. Soumik Chaudhuri
- Dr. Satrajit Samanta
- Dr. Kaushik Bandyopadhyay
- Dr. Sonali Sarkar
- Dr. Sumanta Mukhopadhyay
- Dr. Pankaj Sarkar

DM [Endocrinology]

- Dr. Ankur Sinha
- Dr. Amritava Ghosh
- Dr. Paramita Chowdhury
- Dr. Hridish Narayan Chakraborty
- Dr. Sayantan Ray
- Dr. Beatrice Anne M.

DM [Medical Gastroenterology]

- Dr. Nitin Dilip Aherrao
- Dr. Gurubasara
- Dr. Pinaki Roy
- Dr. Manas Kumar Mondal
- Dr. Mohnish Kataria

DM [Hepatology]

- Dr. Saswata Chatterjee
- Dr. Saptarshi Bishnu

DM [Neonatology]

- Dr. Anindya Kumar Saha
- Dr. Rameshwar Prasad

DM [Nephrology]

- Dr. Subho Banerjee
- Dr. Manong Chohwanglim
- Dr. Sandipan Halder
- Dr. Tanima Das Bhattacharya
- Dr. Mala Gouda R Patil
- Dr. Chetan Mahajan

DM [Neurology]

- Dr. Susanta Kumar Das
- Dr. Zakir Hussain
- Dr. Adreesh Mukherjee
- Dr. Ujjawal
- Dr. Barun Kumar Sen
- Dr. Joshi Bhushan Nilkanth
- Dr. Debsadhan Biswas

DM [Rheumatology]

- Dr. Shyamashis Das
- Dr. Kaushik Basu

MCh [Neurosurgery – Supplementary]

- Dr. Raghuvendra Kumar
- Dr. Sagar Narayan Shahane

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. Manju Banerjee	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
Mr. Debanjan Biswas	Accounts Officer, SSKM
Ms. Sebanti Mukherjee	Assistant Superintendent, 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
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.)
 Sri Sunil Kumar Nath, Store-Keeper
 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

 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 Provas Roy, GDA
 Sri Subhadeep Mondal, GDA
 Sri Sanjoy Das, GDA
 Sri Bijoy Kumar Das, GDA
 Sri Ananta Kumar Khatua, Hostel caretaker
 (Contractual)
 Sri Md. Arif, Support Staff
 Sri Soumitra Modak, Support Staff
 Sri Lala Ram, Sweeper
 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

SN	Name	Gender	Designation	Role
1	Dr. Hemanta Kumar Majumder	Male	Sr. Scientist, Indian Institute of Chemical Biology, Kolkata	Scientist & Chairperson
2	Prof. Manju Banerjee	Female	Director, IPGME&R and Professor of Surgery	Clinician
3	Prof. Dipanjan Bandyopadhyay	Male	Professor of Medicine and former Medical Superintendent cum Vice-Principal, IPGME&R and SSKM Hospital	Clinician
4	Prof. Asit Kumar Senapati	Male	Professor of Neuromedicine & Former Director, Bangur Institute of Neurosciences, Kolkata	Clinician
5	Prof. Swati Chakraborty	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 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. Debdut 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	Mr. Swapan Kumar Sarkar	Male	Stenotypist	Lay person
15	Prof. Avijit Hazra	Male	Professor, Department of Pharmacology, IPGME&R	Member-Secretary

This committee met 8 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	Chairperson
2	Prof. Shikha Dutta	Female	CPCSEA Nominee	Scientist
3	Dr. Sarbani Hazra	Female	CPCSEA Nominee	Veterinarian
4	Mr. N. Mukherjee	Male	CPCSEA Nominee	Socially aware person
5	Dr. Mitali Chatterjee	Female	Professor – Dept. of Pharmacology, IPGME&R	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 & HOD	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. Ratul Kundu MD Dr. Suchismita Mallick MD Dr. Dhiman Adhikari MD
Tutor	Dr. Bhabani Moitra DA Dr. Mohona Mukherjee MD Dr. Suchismita Pal MD Dr. Amrita Roy MD Dr. Soma Sengupta DA Dr. Anamitra Mondal MD
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	2015 – 2018	2016 – 2019
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	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

DA students

2015 – 2017	2016 – 2018
Dr. Soumyajit Mondal Dr. Nilanjan Bhattacharya	Dr. Yamini Arora

Students clearing University examination in 2015

2013-2016 MD Students	2014-2016 DA Students
Dr. Gargi Nandi Dr. Jishnu Nayak Dr. Pratibha Bhunia Dr. Arun Kumar Mandi Dr. Arpita Choudhury Dr. Shanta Dutta Dr. Swarnali Dasgupta Dr. Priyabrata Shit Dr. Zoengmawia Dr. Animesh Baul Dr. Amitava Nandy Dr. Priyanka Mondal Dr. Nairita Mayur Dr. Piyush Kanti Choudhury	Dr. Mrinal Kumar Mallick

Faculty members retired or transferred out during the period 01.11.2015 to 31.10.2016

Dr. Sudeshna Bhar Kundu

REGULAR ACADEMIC ACTIVITIES

- Regular classes held thrice a week. Monthly examination for assessment.
- 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 post graduate trainees and teachers.
- Paper presentation at various conferences by post-graduate trainees and teachers.
- Delivery of lectures or orations and taking part in panel discussion by teachers at conferences of the state and national level.
- Conducting Annual Post Graduate Assembly where postgraduate students from various medical colleges from this state and also other states participate which helps the postgraduate trainees to prepare better for their examination.
- Conducting workshops at regular interval.
- Rotating allotment of post graduate 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

Comparison of intravenous clonidine and intravenous dexmedetomidine in attenuating the pressure response during laryngoscopy and endotracheal intubation

Student: Dr Debdeep Basu
Guide: Prof (Dr) Dhurjoti Bhattacharya
Co guide: Dr Samarendranath Samui

A comparative study between propofol and dexmedetomidine on glycemic control in patients undergoing laparoscopic surgery.

Student: Dr Monika Agrawal
Guide: Prof (Dr) Amalendu Bikas Chatterjee
Co guide: Dr Rajat Choudhuri

Comparative evaluation of subclavian vein catheterization using supraclavicular versus infraclavicular approach

Student: Dr Dillip Kumar Singri
Guide: Prof (Dr) Chaitali Sen
Co guide: Prof (Dr) Anupam Goswami, Dr Sandeep Kr Kar

Comparative study of midline and paraglossal approach of miller blade intubation in children < 2 yrs age

Student: Dr Swarupa RoyChoudhury
Guide: Prof (Dr) Amalendu Bikas Chatterjee

Co guide: Dr Ratul Kundu

Comparative study between infusion dexmedetomidine and infusion magnesium sulphate on attenuation of blood pressure surge in laparoscopic surgery under general anesthesia.

Student: Dr Subhasis Ghosh

Guide: Prof (Dr) Amalendu Bikas Chatterjee

Co guide: Dr Suchismita Mallick

Comparison between Macintosh, Miller and McCoy laryngoscope blade size 2 in paediatric patients - A randomised control trial.

Student: Dr. Pratishta Yadav

Guide: Prof (Dr) Dhurjoti Bhattacharya

Co guide: Dr Sudeshna Bhar (Kundu)

Comparative study of classic approach versus inguinal approach for obturator nerve block in patients undergoing transurethral resection of bladder tumours under spinal anaesthesia.

Student: Dr Dipak Kumar Mondal

Guide: Dr Chiranjib Bhattacharyya

Co guide: Dr Sandip Sinha

A comparative analysis between epidural ropivacaine and dexmedetomidine versus ropivacaine and clonidine for the control of post operative pain in lumbar spine surgery.

Student: Dr Amartya Das

Guide: Dr Chiranjib Bhattacharyya

Effect of isoflurane and propofol anaesthesia on arterial and end tidal CO₂ gradient in lap cholecystectomy patients.

Student: Dr Jitendra Thakur

Guide: Prof (Dr) Sankari Santra

Co guide: Dr Ratul Basu

Intraoperative blood glucose level changes between obese and non-obese non-diabetic patients undergoing general anaesthesia for craniotomy surgery.

Student: Dr Soumya Chakrabarty

Guide: Prof (Dr) Sampa Dutta Gupta

Co guide: Dr Indrani Chakraborty

Comparison of intranasal dexmedetomidine along with oral diazepam versus oral diazepam as a premedication to evaluate efficacy on reduction of anxiety sedation and haemodynamic response to laryngoscopy and endotracheal intubation in elective lumbar spine surgery: A randomised, double blinded, placebo controlled study.

Student: Dr Arka das

Guide: Prof (Dr) Amita Acharya

Co guide: Dr Saikat Niyogi

A comparative study of haemodynamic response following laryngoscopy and endotracheal intubation in patients having coronary artery disease: direct versus video laryngoscope.

Student: Dr Tapas Kumar Barman

Guide: Prof (Dr) Anupam Goswami

Co guide: Prof (Dr) Chaitali Sen, Dr Kakali Ghosh

A prospective observational study for assessment of preoperative insulin sensitivity state of adult female with BMI more than 30 kg/m² undergoing abdominal surgery under general anaesthesia.

Student: Dr Sushovan Chakrabarti

Guide: Prof (Dr) Sampa Dutta Gupta

Co guide: Dr Rajiv Kumar Samal

Randomised single blind comparison of prophylactic dexmedetomidine and ketamine for the control of shivering under spinal anaesthesia in patients undergoing elective infraumbilical and lower limb surgeries.

Student: Dr Rituparna Murmu

Guide: Prof (Dr) Amalendu Bikas Chatterjee

Co guide: Dr Rajasree Biswas

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

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

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

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

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

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

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

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

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

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

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

A comparative study between intrathecal nalbupine-bupivacaine and fentanyl-bupivacaine for the control of post operative pain in patients under going caesarean section under spinal anaesthesia

Student: Dr Dipankar Tripathi
Guide: Dr Chiranjib Bhattacharyya
Co-guide: Dr Samarendra Nath Samui

Recovery characteristics of BIS Guided equisedative infusion of propofol and dexmedetomidine for sedation during spinal anaesthesia in elderly patients under going hip surgery: A prospective randomised study

Student: Dr Anindita Dutta Roy

Guide: Dr Chiranjib Bhattacharyya
Co-guide: Dr Rajiv Kumar Samal

ACADEMIC ACTIVITIES OF FACULTY MEMBERS

Dr. Sankari Santra

- Convener of MD Anaesthesiology Examination 2016, in IPGME&R under West Bengal University of Health Sciences
- Organizing chairperson in Annual Post Graduate Assembly 2016 organised by Department of Anaesthesiology, IPGME&R
- Organising Chairperson in the workshop "optimized perioperative principles " accredited by West Bengal Medical Council on 29th may 2016 in I.PG.M.E&R., KOLKATA.

Invited speake

- In Eastern Zonal and State Conference of West Bengal chapter of Indian Society of Anaesthesiologists, Nov 2015, Topic: Perioperative surgical home-The Latest Perioperative Care?
- In CME organised by West Bengal chapter of Indian Society of Anaesthesiologists in 2015, Topic: Mitral stenosis in pregnancy
- In CTVAC 2016, organised by Department of Cardio Thoracic and Vascular Anaesthesiology, IPGME&R, Topic: One Lung Anaesthesia
- Invited as chairperson for a session 'Labour analgesia' in CME organized by ESI Hospital
- Attended CME on Paper publication on December 2016 organised by WBUHS

Publications

- Perception of the new postgraduate students of anaesthesiology about the speciality – A questionnaire based cross sectional survey. Sudeshna Bhar Kundu, Anisha De, Debasish Bhar, Chiranjib Bhattacharyya, Suchismita Pal, Chaitali Biswas, Sankari Santra, Sunanda Maji. Journal of Society of Anaesthesiologists of Nepal.2015; 2(2):67-72.
- Recurrent hypoglycaemia in a case of Phyllodes Tumour of the Breast: A Rare Case Report. Kumar Kar S, Choudhuri R, Bhunia P, Chakraborty S, Santra S. Carcinogenesis and Mutagenesis 2016;7:2 (International Editorial Management, USA, UK).
- A study to compare the effect of 3% hypertonic saline versus 20% mannitol on brain relaxation during brain tumour surgery. Soumen Mandal, Jayanta Chakraborty, Sankari Santra, Amita acharjee, Harendra Nath Das, Shanta Saha, Susmita Chakrabarty. Indian Medical Journal 2015; 109(2):105-9.
- Role of dexmedetomidine on haemodynamics and anaesthetic requirement during elective intracranial tomour surgery – A propective randomized double blind placebo controlled study. Amrita Roy, Sankari Santra, Suman Sarkar, Anusua Banerjee, Shanta Ganguly. Journal of Madical Science and Clinical Research 2015; 03(08):7236-47.

Dr. Sarbari Swaika

Publications

- Caudal-epidural bupivacaine versus ropivacaine with fentanyl for paediatric postoperative analgesia. Swapnadeep Sengupta, Sudakshina Mukherji, Sarbari Swaika, Jagabandhu Sheet, Anamitra Mandal. Anesthesia: Essays and Researches2015;9(2)
- Pheochromocytoma – strategy to meet the challenge. Mukherjee S, Gupta R, Swaika S, Ghosh TR, Dutta U. Journal of Evolution of Medical and Dental Sciences2015 ;4(69):12087-12091.
- A comparative study of isobaric 0.5% levobupivacaine combined with 50 mcg fentanyl versus isobaric 0.5% ropivacaine combined with 50 mcg fentanyl in lumbar epidural anaesthesia for elective infraumbilical surgery . Swarnali Dasgupta, Samarendra Nath Samui, Sarbari Swaika, Arpita Choudhary. J. Evolution Med. Dent. Nov 2016; 5(95): 7029-33
- Comparative study of 0.5% levobupivacaine combined with dexmedetomidine versus 0.5% levobupivacaine combined with dexmedetomidineintrathecally for elective orthopaedic surgeries. Sarbari Swaika, Sandip Sinha, Dhiman Adhikari, Arpita Choudhury International Research Journal of Natural and Applied Sciences July 2016; 3: 18-31

Chairperson/Speaker

- Speaker in the session of "Joint Pain"- ICRA PAIN 2016
- Moderator in Debate Session: ISACON 2016 in Ludhiana
- Assigned as Internal Examiner, MD Anaesthesiology 2016 in IPGME&R of West Bengal University of Health Sciences
- Moderator of Panel Discussion on "Informed Consent" in Eastern Zonal and State Conference of the Indian Society of Anaesthesiologists West Bengal Chapter, Nov 2015.
- Speaker RSACPCON 2016 (patna)-Update on perioperative transfusion in paediatric patient.
- Organized workshop and CME on optimized perioperative principles. (29.05.2016)
- Organised CME and workshop on difficult airway. (13.11.2016)

Dr. Chiranjib Bhattacharyya**Publications**

- Successful anaesthetic management of an infant with cushing's syndrome – a rare case report. Journal of disease and global health, 2016, vol.: 8, issue.:1
- Pediatric patient with Bombay blood group: A rare case report. Sudeshna Bhar Kundu, Anisha De, Anindita Saha, Chiranjib Bhattacharyya. Saudi Journal of Anaesthesia 2015; 9(3):318-20.
- Perception of the new postgraduate students of anaesthesiology about the speciality – A questionnaire based cross sectional survey. Sudeshna Bhar Kundu, Anisha De, Debasish Bhar, Chiranjib Bhattacharyya, Suchismita Pal, Chaitali Biswas, Sankari Santra, Sunanda Maji. Journal of Society of Anaesthesiologists of Nepal.2015; 2(2):67-72.
- Effectiveness of dexmedetomidine in reducing blood loss during middle ear surgery under general anaesthesia: a randomized controlled trial. Journal of Society of Anaesthesiologists of Nepal.2016; vol 3.

Chairperson/Speaker

- Chairperson in Panel discussion in Eastern Zonal and State Conference of the Indian Society of Anaesthesiologists West Bengal Chapter
- Speaker in Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R
- Invited speaker in NAC-2016: Airway management for surgical exploration of postoperative neck hematoma.
- Invited speaker in Cardiac Symposium 2016, RGKMC : Anaesthetic management of cystic lung lesion.

Dr. Samarendra Nath Samui**Publication**

- A comparative study of isobaric 0.5% levobupivacaine combined with 50 mcg fentanyl versus isobaric 0.5% ropivacaine combined with 50 mcg fentanyl in lumbar epidural anaesthesia for elective infraumbilical surgery. Swarnali Dasgupta, Samarendra Nath Samui, Sarbari Swaika, Arpita Choudhary. J. Evolution Med. Dent. Nov 2016; 5(95): 7029-33

Invited speaker

- In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R, Topic: Workshop – Equipments for regional anaesthesia

Dr. Rajat Choudhuri**Publications**

- Unusual Co existence between Lupus Nephritis and Neurofibromatosis 1: A Case Report and Review of previous cases. Manoj Kumar Roy, Rajdeep Basu, Jotideb Mukhopadhyay, Rajat Choudhuri. International Journal of Research in Medical Sciences 2015; 3(5):1277-80.
- Incidental Diagnosis of a Tracheo Esophageal Fistula in a patient posted for right pyeloplasty under General Anaesthesia during positive pressure ventilation: A Rare Experience and a challenge in Anaesthetic management. International Journal of Natural and Applied Science 2016; 3 Issue 2
- Faecal Incontinence in Gullain-Barre Syndrome with Bulbar Palsy-A Case Report with Review of Literature. Journal of Clinical and Experimental Cardiology 2016; 7:2
- Recurrent hypoglycaemia in a case of Phyllodes Tumour of the Breast: A Rare Case Report. Carcinogenesis and

Mutagenesis 2016 ;7:2 (International Editorial Management, USA, UK)

- Association between Churg Strauss Syndrome and Vitamin D Deficiency: A Myth or truth? A Rare Case Report. Journal of Anaesthesia and Clinical Research 2016; 7:5

Conferences attended and Invited Speaker

- Participated in National Critical Care Conference at AGRA and attended workshop on Haemodynamic Monitoring.
- Regularly being appointed as INSPECTOR for DIPLOMA IN CRITICAL CARE TECHNOLOGY (DCCT) AND OPERATION TECHNOLOGY (DOTT) COURSES conducted by STATE MEDICAL FACULTY OF WEST BENGAL.
- 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.
- Attended USG LIFE SUPPORT LEVEL 1 PROVIDER WORKSHOP at BEST OF BRUSSELS MEET 2016.
- Attended NUTRITION MEETING, INTERNATIONAL SEPSIS FORUM OF ISCCM.
- Invited as chairperson for a session " HOW I DO IT ?" and judge for paper presentations at ALL INDIA ANAESTHESIOLOGY CONFERENCE AT LUDHIANA ISACON 2016
- Invited as chairperson for a THEMATIC session "IMAGING IN ANAESTHESIOLOGY "at INTERNATIONAL IMAGING CONFERENCE TRINAYAN 2016 organized by THE WEST BENGAL CHAPTER OF ISCCM
- Attended CT-MRI WORKSHOP at TRINAYAN 2016
- Invited as chairperson by National ECMO SOCIETY for a session on VENTILATION STRATEGIES to avoid VV ECMO in 7th NATIONAL CONFERENCE.

Dr. Ratul Kundu

Publication

- Does a single loading dose of Tranexemic Acid reduce perioperative blood loss and transfusion requirements after total knee replacement surgery? A randomized controlled trial. Published in Journal of Natural Sciences Biology and Medicine.

Conference and Workshops attended:

- Participated in the workshop on Interventional Pain Management in 2016
- Participated in International Pain Conference held at Kolkata 2016
- Ahead of participation in ISACON 2016 WB as a faculty.
- Participated in AIDAA 2016 WB as a faculty.

Invited Speaker

- In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R
- In International Pain Conference August 2016 held in Kolkata
- Conducted workshop in AIDAA 2016 in Kolkata as a faculty.

Dr. Suchismita Mallick

Publication

- Role of Magnesium Sulphate in prolonging the Analgesic Effect of Spinal Bupivacaine for Caesarean Section in Severe Preeclampsia. Sumanta Ghosh Moulick, Arunima Choudhury, Suchismita Mallick, Arun Kumar Ghosh, Debasish Saha, Bikash Bisui. Journal of Basic and Clinical Reproductive Sciences 2015;4(1):24-8.

Invited Speaker

- In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R, Topic: Arterial line and invasive blood pressure monitoring
- Participation in ISACON 2016 WB as a faculty.

Dr. Dhiman Adhikari

Publication

- Incidental Diagnosis of a Tracheo Esophageal Fistula in a patient posted for right pyeloplasty under General Anaesthesia during positive pressure ventilation: A Rare Experience and a challenge in Anaesthetic management. International Journal of Natural and Applied Science 2016; 3 Issue 2
- A typical Japanese Encephalitis with Sixth and Seventh Cranial Nerve Palsy during Outbreaks: Does it Require a Second Thought? A Case Report. Translational Biomedicine Dec 2015, Vol.6, No.4:29

- Comparative study of 0.5% levobupivacaine combined with dexmedetomidine versus 0.5% levobupivacaine combined with dexmedetomidine intrathecally for elective orthopaedic surgeries. Sarbari Swaika, Sandip Sinha, Dhiman Adhikari, Arpita Choudhury International Research Journal of Natural and Applied Sciences July 2016; 3: 18-31

Invited Speaker

- In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R

Dr. Suchismita Pal

Publications

- Effect of ondansetron on the analgesic efficacy of tramadol used for postoperative analgesia: a randomized controlled study. Archana Murmu, Sudeshna Bhar Kundu, Amita Pahari, Anisha De, Dhiman Adhikari, Suchismita Pal, Abhimanyu Bhattacharya, Chiranjib Bhattacharyya. South African Journal of Anaesthesia and analgesia 2015; 21(5):16-20
- Perception of the new postgraduate students of anaesthesiology about the speciality – A questionnaire based cross sectional survey. Sudeshna Bhar Kundu, Anisha De, Debasish Bhar, Chiranjib Bhattacharyya, Suchismita Pal, Chaitali Biswas. Journal of Society of Anaesthesiologists of Nepal. 2015; 2(2):67-72
- Anaesthesiology – as a career in the view of new postgraduate students pursuing this subject. Sudeshna Bhar Kundu, Anisha De, Debasish Bhar, Chiranjib Bhattacharyya, Suchismita Pal, Dhiman Adhikari, Sankari Santra, Sunanda Maji. International Journal of Health Sciences and Research 2015; 5(9):153-60.

Invited Speaker/ CME attended:

- In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R, Topic: Defibrillator
- Participated in the workshop "optimized perioperative principles " accredited by west bengal medical council on 29th may 2016 in I.PG.M.E&R., KOLKATA.
- Participated in the 1st conclave 2016 endorsed by all india difficult airway association (AIDAA) ON 13 TH NOVEMBER 2016 in B.R. Singh hospital, kolkata.

Dr. Amrita Roy

Publications

- Role of dexmedetomidine on haemodynamics and anaesthetic requirement during elective intracranial tumour surgery – A prospective randomized double blind placebo controlled study. Amrita Roy, Sankari Santra, Suman Sarkar, Anusua Banerjee, Shanta Ganguly. Journal of Medical Science and Clinical Research 2015;03(08):7236-47.
- Inadvertent intrathecal administration of tranexamic acid in a case of caesarean section: A report of medication error. Amrita Roy, Suman Sarkar, Subir Basu Thakur, P K Jain. Southeast Asian Journal of Case Report and Review 2015;4(4):1910-6.
- Haemothorax in Thalassaemia may be a Complication of Rupture of Intrathoracic Extramedullary Haematopoiesis. Anirban Chatterjee, Suman Sarkar, Amrita Roy. Journal of Medical Science and Clinical Research 2015;39:7343-6.
- Hepatic encephalopathy because of falciparum malaria in a child: A rare association. Anirban Chatterjee, Suman Sarkar, Amrita Roy. International Journal of Science and Research 2015;4(8):1872-3.

Invited Speaker

- In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R

Dr. Soma Sengupta

Invited Speaker

- In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R, Topic: Equipments for regional anaesthesia

Dr. Anamitra Mandal

Publications

- Combination of self-report method and observational method in assessment of postoperative pain severity in 2 to 7 years of age group: A cross-sectional analytical study. Debanjali Ray, Sarbari Swaika, Santanu Ghosh, Ruchi Gupta, Anamitra Mandal, Swapnadeep Sengupta. Indian Journal of Pain 2015; 29(2):86-90.
- A study of the LMA C-TRACHTM guided intubation with special reference to the conventional laryngoscopic

cormack and lehane grading system. Sumantra Sarathi Banerjee, Sarbari Swaika, Jagabandhu Sheet, Anamitra Mandal, Swapnadeep Sengupta. Journal of Evolution of Medical and Dental Sciences 2015; 4(65): 11328-11334.

- Caudal-epidural bupivacaine versus ropivacaine with fentanyl for paediatric postoperative analgesia. Swapnadeep Sengupta, Sudakshina Mukherji, Sarbari Swaika, Jagabandhu Sheet, Anamitra Mandal. Anesthesia: Essays and Researches 2015; 9(2)

Invited Speaker

- In International Conference on Recent Advancement in Pain on 26-28 Aug 2016, Topic: Recent Advances in Back Pain Management.

Dr. Ruchi Shah

Conference/ CME attended:

- Conference- ISACON 2015 at Jaipur,
- ISAJAC- 2015 at Stadel, Kolkata
- Workshop -Optimized Perioperative Principles on 29 th May 2016
- CME organised by All India Difficult Airway Association on 13 November 2016
- Post Graduate Assembly on January 2016,
- CME on Paper publication on December 2016 organised by WBUHS.

SERVICE INFORMATION

A. OPD (Anaesthesiology)

Number of patients attending OPD for Pre-anaesthetic check up: 15846

Number of patients attending Pain OPD: 34

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

S/N	Operation Theatres	Number of cases
1	Reduction OT	1028
2	ENT OT	2158
3	NPS OT	1417
4	BURNS OT	185
5	EYE OT	16
6	LIGATION OT	1028
7	MAIN OT (general surgery)	3419
8	MAIN OT (plastic surgery)	797
9	GYNAECOLOGY OT (elective + emergency)	1425 + 2506
10	EMERGENCY OT	4416
11	UROLOGY OT	1600
12	WOODBURN OT	1523
13	NEUROSURGERY OT	179
14	NEONATAL SURGERY OT	123
15	PAEDIATRIC SURGERY OT	1348
16	MRI Suite	378
17	ECT	12

C. ITU:

Enlisted patients: 3824

Patients admitted + Transfer in: 182 + 313 (495)

Discharge + Transfer out: 31 + 276 (307)

Survival rate among admitted patients: 61.61%

Number of patients discharged against medical advice: 7

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. Sarbajit Mazumder	MBBS	Demonstrator (on detailment)

One Assistant Professor has been transferred with promotional order. One Demonstrator (MOTR) has joined, after completing PG training.

Postgraduate (MS Anatomy) Trainees

Name of the PGT	Year	Session
Dr. Raag Reeti	3rd year	2014 - 2017
Dr. Rajarshi Datta	3rd year	2014 - 2017
Dr. Moumita Chatterjee	3rd year	2014 - 2017
Dr. Suhit Samaddar	3rd year	2014 - 2017
Dr. Kakali Halder	2nd year	2015 - 2018
Dr. Prasanta Chakraborty	2nd year	2015 - 2018
Dr. Akash Kusum Banerjee	1st year	2016 - 2019
Dr. Biswanath Baskey	1st year	2016 - 2019

Medical Technologists (Laboratory): Mr. Sahadev Maity

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 physiotherapy,
- B.Sc. Nursing, D.C.L.T., D.P.F.T, D.C.C.T & E.C.G 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 up gradation / development.
- Regular endoscopic study and temporal bone dissection on the fresh cadaver done by the faculty and PGT of ENT Dept. 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.

Developmental issues

Recently our department has made the "Body donation Pledge Form" available online at official website of IPGME&R, Kolkata.

Research publications by faculty and PGTs

- Measurements of distance and angle between the arytenoids in eastern Indian population and their applied importance. S. Ganguly, P. Aggarwal, B. Banerjee, I. Datta, A. Pal. Al Ameen J Med Sci 2015; 8(1): 11-5.
- Cytogenetic variations in a series of cases of Down syndrome. Roy S, Tapadar A, Kundu R, Ghosh S, Halder A. Journal of the Anatomical Society of India 2015; 64(1): 73-8.
- Comparison of intraoperative muscle relaxation and neuromuscular recovery from continuous infusion of vecuronium and atracurium in ASA grade-I & II patients undergoing midline and paramedian laparotomies. Ratul Basu, Iman Sinha AJMS 2015; 8(1) 55-63.
- Body donation after death - The mental setup of educated people. A Saha, A sarkar, S Mandal. JCDR 2015; 9, AC05-09.
- A glimpse towards the vestigiality and fate of human V. Appendix A Histomorphometric study. A Sarkar, A Saha, S Roy, S Pathak, S Mondal, JCDR 2015; 9(2): AC11-AC15.
- A study of Mulerian duct anomaly on reproductive age group. Debjani Roy, Journal of Evolution of Medicine & Dental sciences, 2015; 4(70): 12143-51.
- Mobius syndrome: the clinicians' dilemma – a case report. A. Bhattacharya, Alipta Bhattacharya, A. Kumari. IJBAMR 2015; 4(4): 113-8.

Current problems on which research work is going on:

1. Histological study of internal carotid artery, external carotid artery & vertebral artery in relation with pulse pressure & pulsatory power; Dr. Minakshi Verma, Dr. Indra Datta, Prof. Asis Kumar Ghosal, Dr. Sanchita Roy, Dr. Prerana Aggarwal, Dr. Santanu Nandy.
2. A case series of clefts of lip, alveolus & palate with respect to epidemiological factors in eastern Indian population; Dr. Prerana Aggarwal.
3. Morphological study on the variation of the pattern of circle of Willis in human brain; Dr. Iman Sinha, Prof. Asis Kumar Ghosal, Dr. Ratul Basu.

4. Morphometric study of left coronary artery trunk; Dr. Sanchita Roy, Dr. Avanish Gupta, Dr. B. K. Nanrah, Dr. Ritaban Saha.
 5. A study on upper femur geometry in AP radiograph; Dr. Sanchita Roy, Dr. Avanish Gupta, Dr. B. K. Nanrah.
 6. Cerebral venous sinus thrombosis in case of antiphospholipid antibody syndrome; Dr. Prerna Aggarwal, Dr. Indra Dutta.
 7. A study on the effect of systemic hypertension on retinal nerve fiber layer thickness in West Bengal; Dr. Aipta Bhattacharya et al.
 8. Morphometry of lumbar pedicle; Dr. Iman Sinha et al.
 9. Anatomical variations of nasal cavity and paranasal sinuses in patients presenting to the hospital with sino-nasal complications - a CT scan study; Dr. Raag Reeti, Dr. Rajib Kundu, Dr. S. B. Samanta.
 10. A morphometric study of the meniscus and cruciate ligaments of knee joints in cadavers; Dr. Rajarshi Dutta, Prof. Asis Kumar Ghosal.
 11. Estimation of human stature from the sum of the percutaneous length of tibia and fibula; Dr. Suhit Samaddar, Dr. Indra Dutta.
 12. Morphometric analysis of humerus; Dr. Moumita Chatterjee, Prof. Asis Kumar Ghosal.
 13. Morphometric analysis and histological study of pyramidal lobe of thyroid gland in eastern Indian population – a cadaver based study; Dr. Ratnadeep Poddar, Dr. Aipta Bhattacharya, Dr. Iman Sinha, Prof. A.K.Ghosal.
 14. A surgical approach for localization of zygomatic branch of Facial nerve and masseteric nerve – an aid to nerve co-aptation for facial reanimation surgery – a cadaver based study in eastern India; Dr. Ratnadeep Poddar, Dr. Aipta Bhattacharya, Dr. Iman Sinha, Prof. Asis Kumar Ghosal.
 15. Correlation between human stature with cephalo-facial diameters in adult population; Dr. Kakali Halder, Prof. Indra Datta.
 16. Morphometric study of different orbital fissures and foramina in dry skull in eastern Indian region; Dr. Prasanta Chakraborty, Prof. Asis Kumar Ghosal.
 17. 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.
 18. 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.
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Neuroanaesthesiology

FACULTY

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

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 post graduate trainees and teachers.
- Paper presentation at various conferences by post-graduate trainees and teachers.
- Delivery of lectures or orations and taking part in panel discussion by teachers at conferences of the state and national level.
- Conducting workshops at regular interval
- Rotational allotment of post graduate 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

Thesis projects completed / ongoing in 2016

- Comparison of intranasal dexmedetomidine along with oral diazepam versus only oral diazepam as a premedication to evaluate efficacy on reduction of anxiety, sedation and hemodynamic response to laryngoscopy and endotracheal intubation in elective lumbar spine surgery: a randomized, double blinded, placebo controlled study.
Dr. Arka Das Guide: Prof. Amita Acharjee Co-guide: Dr. Saikat Niyogi
- Intraoperative blood glucose level changes between obese and non-obese non-diabetic patients undergoing general anesthesia for craniotomy surgery.
Dr. Soumya Chakrabarti Guide: Prof. Sampa Dutta Gupta Co-guide: Indrani Chakraborty
- A comparison of hemodynamic effects between induction agents propofol & etomidate in patients undergoing lumbar spinal surgeries.
Dr. Aporajita Sinha Guide: Prof. Amita Acharjee Co-guide: Dr. Saikat Niyogi

- The abilities of pulse pressures and stroke volume variations to predict fluid responsiveness in prone position during lumbar fixation surgery.
Dr. Sudeshna Padhi Guide: Prof. Amita Acharjee Co-guide: Indrani Chakraborty

SERVICE INFORMATION

OPD (Pain Clinic)

Number of old patients attending	650
Number of new patients attending	50

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

Major OT 1190

Minor OT

- Lumbar puncture 150
- Peripheral block for trigeminal neuralgia 96
- USG guided central line 102
- USG guided peripheral block for lower limb (caudal/sciatic nerve block) 37
- USG guided peripheral block for upper limb (brachial/stellate ganglion block) 21

Neurointensive care unit (NICU)

Admitted 544	Discharged 386
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No. of CT scan under GA 350

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
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. Manas Kumar Sinha	MBBS, DGO	Medical Officer
Dr. Malay Das	MBBS	Medical Officer
Dr. Chandan Burman	MBBS	Medical Officer
Dr. Kuhu Diwanjee	MBBS	Medical Officer
Senior Residents		
Dr. Debsadhan Biswas	MD, DM	Senior Resident
Dr. Adreesh Mukherjee	MD, DM	Senior Resident
Dr. Souvik Dubey	MD, DM	Senior Resident

Postdoctoral trainees (DM Neuromedicine) – Seven students per year

1st year DM Residents	2nd year DM Residents	3rd year DM Residents
Dr. Arghya Deb	Dr. Subhodeep Banerjee	Dr. Dinesh Saini
Dr. Aswini Bhat	Dr. Jayanta Ghosal	Dr. Anjan Debnath
Dr. Niraj Saraf	Dr. Apratim Chatterjee	Dr. Sweety Trivedi
Dr. Vishal Sawale	Dr. Sulagna Sahu	Dr. Urmila Das
Dr. Durjoy Lahiri	Dr. Mrinal Acharya	Dr. Kaushik Pan
Dr. Kumar Vijay Anand	Dr. Partha Ghorai	Dr. Anurag Satpati
Dr. Vinayak Rodge	Dr. Sumanta Sarkar	Dr. Anand Choudhari

Institutional and Department Achievement

- Recently, the Bangur Institute of Neurosciences has reached within the top 15 of Neurology specialty hospitals in India according to a survey by the Week magazine.
- Awarded 'Outstanding Paper presented' to Sarnava Roy, Research Associate from unit of Neurogenetics in 1st Regional Science and Technological Congress-2016, West Bengal
- Awarded Young scientist award to Dr. Apratim Chatterjee, DM resident by World Stroke Congress recently held in Hyderabad, India.
- A New Campus of dedicated neuroscience at newly renovated Ramrikdas Haralalka Hospital (Annexe building of the Bangur Institute Neurosciences) has been approved (vide GO HF/O/MERT/1165/7S-33/2016/PT-1 dated 24.10.2016). It has been planned to house 50 beds for Dept of Neurology followed by another 50 beds of Neurosurgery in later phase. This is going to be opened shortly.
- Dr Anand Choudhari has obtained third position in National Quiz completion recently held during annual meeting of Indian Academy of Neurology.
- Participants from the department have secured first position in two three-monthly quiz competitions in Movement disorders held by Movement Disorder Society of India (MDSI), Kolkata chapter.
- Dr. Kaushik Pan, Third year DM resident secured first position from South-Eastern region of India in TYSA Neuro-quiz competition.

CURRENT RESEARCH WORK

- **Epilepsy**
 - Predictors of outcome in newly diagnosed epilepsy patients-a prospective study. (Dr. Anjan)
 - Knowledge attitude practice of epilepsy and marriage. (Dr. Jayanta)
- **Dementia**
 - Comparison of frontal lobe behavior in patient of cortical (bvFTD) v/s subcortical (PDD) dementia with emphasis on significant discriminating symptomatology (Dr. Dinesh)
- **Stroke**
 - Spontaneous IVH: clinical feature and etiological profile with special reference to DSA. (Dr. Koushik)
 - Apo E polymorphism and association with stroke. (Dr. Apratim)
- **Neuromuscular**
 - Chronic polyneuropathy-clinical spectrum and etiological profile in tertiary care hospital. (Dr. Sweety)
 - Early electrophysiological changes in GBS within seven days. (Dr. Partha)
- **Movement disorders**
 - Comparative study of clinical profile of young onset and adult onset Parkinson's disease. (Dr. Anurag)
 - 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)
- **Neurogenetics**
 - Phenotypic and genotypic correlation of BMD. (Dr. Urmila)
 - Mitochondrial diseases a clinic-biochemical diagnostic perspective including mutation analysis in a

tertiary care centre of eastern india. (Dr. Subhodip)

- **CNS Infection /Inflammation**
 - Meningoencephalitis clinical features and etiological profile (Dr. Anand)
- **Collaborative work with the National Biogenomics Institute**

SERVICE INFORMATION

Attendance at OPD

	New	Old
Nov 2015	8580	8750
Dec 2015	9687	9770
Jan 2016	8467	9151
Feb 2016	10010	10546
Mar 2016	10798	11287
Apr 2016	10202	8741
May 2016	11232	10150
Jun 2016	10223	10524
Jul 2016	12499	10584
Aug 2016	10330	9055
Sep 2016	11514	8849
Oct 2016	8266	7402
TOTAL	121808	114809

Emergency Department (Neuroemergency)

	Attendance	Admitted
Nov 2015 – Oct 2016	33890	2300 (6.8%)

In-patient

Total admission 794 (predominantly from BIN OPD)

- Stroke: 294 (38.68%)
- Metabolic encephalopathy: 36 (4.7%)
- Wilson's disease: 10 (1.33%)
- Degenerative dementia: 20 (2.63%)
- Movement disorders: Parkinson disease: 23 (3.02%) Others: 25 (3.28%)
- Infections (Brain)
 - Acute: 51 (6.42%)
 - Chronic: 43
 - Tuberculosis: 41 (5.13%)
 - Fungal: 1 (0.013%)
 - Slow viral: 1 (0.013%)
- Demyelination: 30; Primary: 22 (2.89%) Secondary: 28(3.68%)

- Spinal cord disease: 43; Acute 20 (2.63%) Chronic 23 (3.02%)
- Neuromuscular junction disorder: 21(2.76%)
- Peripheral neuropathy : 74 (9.72%); Acute 56 (7.36%) Chronic 18(2.36%)
- Muscle disease: 5 (0.65%)
- Seizure: 46 (6.05%)
- Optic neuritis:36 (4.73%)
- Orbital apex syndrome /multiple cranial nerve palsies:9 (1.18%)
- SSPE: 6 (0.07%)
- Leigh disease: 2 (0.026%)

Special clinic performance in 2016

Clinic	Consultant in charge	New	Old
Cognitive	Dr. Atanu Biswas	87	272
Headache	Dr. Biman Kanti Roy	61	118
Movement disorders	Prof. Shyamal Kumar Das, Dr. Atanu Biswas	144	1089
Botulinum Toxin	Dr. Samar Biswas	13	384
Epilepsy	Prof. Goutam Ganguly, Dr. Alok Pandit	124	2281
Stroke	Prof. TejenDr.a Nath Kundu, Dr. Biman Kanti Roy	241	646
Neurogenetics	Dr. Debshankar Guin, Dr. Anindita Joardar	108	319
Neuromuscular	Dr. Alok Pandit	70	429
Demyelination	Prof. Goutam Ganguly	10	5
Total		858	5543

Total patients seen in special clinic: 6401

Electrophysiology laboratory performance in 2016

- EEG - 6725
- Video EEG - 245
- Portable EEG - 144
- EMG NCS - 6595
- VEP, BAER - 1275
- Polysomnography - 36

Report of Neurogenetic Unit, Neurology Dept. from December 2015 to November 2016

Number of patients who attended the genetic clinic – 557

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

Muscle Diseases
Duchene's muscular dystrophy – 39
Becker's muscular dystrophy – 12
Myotonic dystrophy-i – 14
Spinal muscular atrophy – 15
Movement Disorders
Huntington's disease – 13

Autosomal dominant ataxia; SCA1, SCA2, SCA3, SCA6, SCA12, DRPLA – 64
Autosomal Recessive Ataxia; Friedreich's Ataxia – 15

Genetic Counseling is done to the adult patients, their family members and to guardians in case of minors regarding their marriage, conceiving another issue, affection 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; third year running.
2. Study on APO E allele in mild to moderate Head Injury in Eastern India.
Two year project with a budget of Rs. 5,36,800.00; completed in Feb, 2016.

Abstract presentations

- Distribution of APO E4 allele and its effect in the prognosis of mild to moderate head injury in Eastern part of India. Sarani Nath, Nikhil Talathi, Sarnava Roy, Anindita Joardar, Samarendra Nath Ghosh. Abstract presented in 23rd Bangla Congress held at Presidency University, Kolkata.
- 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. Abstract presented in 1st Regional Science and Technology Congress-2016, Presidency Division, West Bengal, held at National Institute of Technical Teachers' Training and Research, Kolkata- Mr Sarnava Roy received the outstanding paper award.

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 Kolkata, West Bengal in November, 2016 and presented papers.
- All second year residents participated in annual conference of Associations of Neuroscientist of Eastern India held at Shillong, Meghalaya in October, 2016 and presented papers.

Publications

1. Role of apoe-ε4 allele in recovery from traumatic brain injury: study in a tertiary clinic in Kolkata. Nikhil Talathi, Sarani Nath, Sarnava Roy, Anindita Joardar, Shubhamitra Chaudhuri, Goutam Gangopadhyay and Samarendra Nath Ghosh. Int. J of Adv. Res. 4(11):1780-1786.
2. Moumita Bagchi, Neelanjana Paul, Soumitra Ghosh, Suchitra Majumdar, Santa Saha, Arijit Roy and Shyamal K Das. Spectrum of Abnormal Movement in a Cohort of Neuro-Wilson Patients with Radiological Associations. J Neurol Disord 2016, 4:1.

3. Anindita Banerjee, Vineet Kumar Khemka, Debashree Roy, Aparajita Dhar, Tapan Kumar Sinha Roy, Atanu Biswas, Barun Mukhopadhyay, Sasanka Chakrabarti: Role of Pro-Inflammatory Cytokines and Vitamin D in Probable Alzheimer's Disease with Depression. *Aging and Disease* 10/2016; DOI:10.14336/AD.2016.1017
4. Ujjawal Roy, Shyamal Kumar Das, Adreesh Mukherjee, Debsadhan Biswas, Koushik Pan, Atanu Biswas, Ajay Panwar: Irreversible Hemichorea–Hemiballism in a Case of Nonketotic Hyperglycemia Presenting as the Initial Manifestation of Diabetes Mellitus. *Tremor and Other Hyperkinetic Movements*. 08/2016; 6. DOI:10.7916/D8QZ2B3F
5. Anindita Banerjee, Vineet Kumar Khemka, Debashree Roy, Aparajita Dhar, Tapan Kumar Sinha Roy, Atanu Biswas, Sasanka Chakrabarti: Role of Vitamin D Signaling in Sporadic Alzheimer's Disease: A Clinico-Experimental Study. *Alzheimer's and Dementia* 07/2016; 12(7). DOI:10.1016/j.jalz.2016.06.1096
6. Vineet Khemka, Anirban Ganguly, Anindita Banerjee, Atanu Biswas, Sasanka Chakrabarti: Role of Adipokines and Insulin in the Pathogenesis of Alzheimer's Disease: A Clinical- Experimental Study. *Alzheimer's and Dementia* 07/2016;
7. Adreesh Mukherjee, Atanu Biswas, Shyamal Kumar Das: Gut dysfunction in Parkinson's disease. *World Journal of Gastroenterology* 07/2016; 22(25). DOI:10.3748/wjg.v22.i25.5742
8. Kalyan B Bhattacharyya, Debabrata Pulai, DebShankar Guin, Goutam Ganguly, Anindita Joardar, Sarnava Roy, Saurabh Rai, Atanu Biswas, Alok Pandit, Arijit Roy, AsitKumar Senapati: Spinocerebellar ataxia type 6 in eastern India: Some new observations. *Annals of Indian Academy of Neurology* 07/2016; 19(3). DOI:10.4103/0972-2327.186823
9. Ujjawal Roy, Dinesh Satyanarayan Saini, Koushik Pan, Alak Pandit, Goutam Ganguly, and Ajay Panwar. Neuromyelitis Optica Spectrum Disorder with Tumefactive Demyelination mimicking Multiple Sclerosis: A Rare Case. *Front Neurol*. 2016; 7: 73.
10. Tapas Kumar Banerjee, Saunak Dutta, Sujata Das, Malay Ghosal, Biman Kanti Ray, Atanu Biswas, Avijit Hazra, Arijit Chaudhuri, Neelanjana Paul, Shyamal Kumar Das: Epidemiology of dementia and its burden in the city of Kolkata, India: Epidemiology and burden of dementia in Kolkata. *International Journal of Geriatric Psychiatry* 06/2016; DOI:10.1002/gps.4499
11. Madhushree Chakrabarty, Atanu Biswas, Sandip Pal, Amita Chatterjee: Development of Bengali Audio–Visual Test Battery for Assessment of Pragmatic Skills: Preliminary Normative Data Based on Educational Level. *Journal of Psycholinguistic Research* 05/2016; DOI:10. 1007/s10936-016-9438-y
12. Atanu Biswas, Shyamal Kumar Das: Alzheimer and Parkinson's Disease -Two Faces of the Same Disease? *Journal of Alzheimer's Disease & Parkinsonism* 6: 222. doi: 10.4172/2161-0460.1000222
13. Dhiman Das, Atanu Biswas, Arijit Roy, Anna Sauerbier, Kalyan B Bhattacharyya: Cognitive impairment in idiopathic Parkinson's disease. *Neurology India* 01/2016; 64(3). DOI:10.4103/0028-3886.181533
14. Ujjawal Roy, Dinesh Satyanarayan Saini, Koushik Pan, Alak Pandit, Goutam Ganguly, and Ajay Panwar. Neuromyelitis Optica Spectrum Disorder with Tumefactive Demyelination mimicking Multiple Sclerosis: A Rare Case. *Front Neurol*. 2016; 7: 73.

15. Asutosh Pal, Atanu Biswas, Alak Pandit, Arijit Roy, Debsankar Guin, Goutam Gangopadhyay, AsitKumar Senapati: Study of visuospatial skill in patients with dementia. Annals of Indian Academy of Neurology 01/2016; 19(1). DOI:10.4103/0972-2327.168636
16. Sourav Chakrabarty, Abhijit Das, Ananya Mandal, Samar Biswas, Tanmoy Gangopadhyay, Avijit Ganguly. Drug safety monitoring in patients attending epilepsy clinic in a tertiary care teaching hospital in rural Bengal. J. Evolution Med. Dent. Sci. 2016;5(10):407-413
17. Sourav Chakrabarty, Abhijit Das, Avijit Ganguly, Tamoghna Maiti, Samar Biswas, Ananya Mandal. A prospective, randomised, comparative study of efficacy and safety of pregabalin, duloxetine and amitriptyline in patients of painful diabetic neuropathy in a tertiary care teaching hospital in rural Bengal. J. Evolution Med. Dent. Sci. 2016;5(35):2025-2029
18. Jadab Chandra Sardar, Asit Baran Saren, Dibakar Haldar, Kaushik Chatterjee, Samar Biswas, Tutul Chatterjee, Gautam Narayan Sarkar. Obstinate diphtheria needs innovation in immunization. Int J Contemp Pediatr. 2016 Aug;3(3):902-909.

Conferences attended by faculty

Prof. Shyamal Kumar Das	<ul style="list-style-type: none"> World Stroke Congress 2016 at Hyderabad (Chaired session) Delivered lecture on "Epidemiology of dementia and its burden in city of Kolkata, India" at the Symposium on Brain Imaging and Dementia in low and middle income countries 2016 at Nairobi Kenya IANCON 2016 at Kolkata Attended National Movement Disorder society of India at Chennai held in January, 2016
Prof. Goutam Ganguly	<ul style="list-style-type: none"> ECON 2016 at Chennai (Chaired session) Headache update program under IANCON at Udaipur (Chaired session) IANCON 2016 at Kolkata
Prof. TejenDr.a Nath Kundu	<ul style="list-style-type: none"> World Stroke Congress 2016 at Hyderabad IANCON 2016 at Kolkata
Dr. Atanu Biswas	<ul style="list-style-type: none"> MDSICON 2016 at Chennai Delivered a lecture on 'Demyelinating disorders: Updates in diagnosis and treatment of MS/NMO' at the 5th IAN postgraduate summer school 2016 IANCON 2016 at Kolkata
Dr. Biman Kanti Roy	<ul style="list-style-type: none"> World Stroke Congress 2016 at Hyderabad IANCON 2016 at Kolkata
Dr. Alak Pandit	<ul style="list-style-type: none"> IANCON 2016 at Kolkata
Dr. Samar Biswas	<ul style="list-style-type: none"> World Stroke Congress 2016 at Hyderabad IANCON 2016 at Kolkata
Dr. Debsankar Guin	<ul style="list-style-type: none"> IANCON 2016 at Kolkata

Bangur Institute of Neurosciences – Neuroradiology

FACULTY AND STAFF

Faculty

- | | | |
|----|-------------------------------------|--|
| 1) | Dr. Satyendu Bikash Samanta DCH, MD | Professor & Head |
| 2) | Dr. Tapan Dhibar DMRD, MD | Professor on detailment |
| 4) | Dr. Debasish Deoghuria MD | Associate Professor (Presently detailed at BSMCH, Bankura) |
| 5) | Dr. Bhaskar Bhattacharyya MD | Associate Professor |
| 6) | Dr. Narayan Chand Nandi DMRD | RMO cum Clinical Tutor |

Medical technologist

- 1) Permanent – 6
- 2) On detailment – 1

Other staff

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

FACULTY NEWS

- Dr. Tapan Dhibar has been elected President of Indian Radiological & Imaging association (W.B. Chapter).
- 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 2014–17, MD (Radiodiagnosis)

1. Dr. Mohua Ghosh – Evaluation of sinunasal mass by CT scan & its clinicopathological correlation.

Guide – Dr. S.B. Samanta.

2. Dr. Lovepreet Singh Randhawa – Comparison of transthoracic lung ultrasonography with HRCT lung in diagnosis of alveolo-interstitial syndrome of systemic scleroderma.

Guide – Dr. S.B. Samanta.

3. Dr. Manish Kumar – Detection and characterization of intracranial aneurysm : 3T MR angiography vs DSA with 3D reconstruction.

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

Session 2014–17, MD (Anatomy)

4. Dr. Raag Reeti – Anatomical variations of nasal cavity and paranasal sinuses in adult Eastern Indian Population presenting to the hospital with sinonasal complaints – A CT scan study.

Co-Guide – Dr. S.B. Samanta.

Session 2014–17, MCh (Neurosurgery)

5. Dr. Aditya Mantry – An observational study in neurosurgical patients in neurological intensive care unit with raised intracranial pressure with special reference to optic nerve sheath diameter.

Co-Guide – Dr. S.B. Samanta.

Thesis work in progress

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.

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.

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 this session i.e. 2016-18.
- DRD students and interns from other Institutions receive training here in CT Scan & DSA.
- Post – DRD Advanced Imaging Certificate Course has been started in this institute since last year.
- Seminars, clinical meetings and journal clubs are arranged regularly in the department.

SERVICE INFORMATION

- CT Scan in a new 16 slice scanner are done on all working days for indoor & outdoor patients as well as patients referred from other government institutions.
(N.B. Old 4 slice CT scanner worked till 10.01.2015 and has been replaced by new 16 slice scanner since 09.11.2015)
- USG including Color Doppler Study and Radiography including portable X-ray of patients of BIN.
- 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 (01.11.2015 to 31.10.2016)

- CT Scan 8844 cases.
 - USG & Color Doppler 1565 cases.
 - X-ray (portable exposures) 127 cases.
 - DSA 118 cases.
-

Bangur Institute of Neurosciences – Neurosurgery

Faculty and Medical Officers

Dr. Samarendra Nath Ghosh MBBS, Dip BMS, D Ortho, MS, DNB, MCh	Professor & HOD
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 Roy 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

FACULTY NEWS

Prof Samarendra Nath Ghosh

Conferences attended

- Attended NSSI 2016 as Invited Speaker/Panelist/Chairperson at Sher I Kashmir Institute of Medical Sciences, Srinagar, J&K, on 31/03/2016 to 02/04/2016.
- Attended SkullBaseCon 2015 at Bangalore 10th and 11th October 2015 as Invited Speaker/Panelist/Chairperson
- Attended 6th Interim meeting Of World Federation of Neurological Surgeons at Mumbai from June 4-5 2016 at Mumbai
- Attended Spine 2016, annual conference of NSSA India from 16 to 18 September 2016 as Invited Speaker/Panelist/Chairperson
- Attended ASIAN AUSTRALASIAN SOCIETY OF PEDIATRIC NEUROSURGEONS CONFERENCE Workshop in Kolkata 7-9 January 2016 as Invited Speaker/Panelist/Chairperson

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. doi: 10.4103/0974-2700.179460. PubMed PMID: 27162445; PubMed Central PMCID: PMC4843576
- 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. doi: 10.1016/j.jclinepi.2016.01.004. PubMed PMID: 26775627
- Kumar B, Bannerjee C, Ghosh SN; Pneumocephalus Following dorsal laminectomy - An Unusual Complication; AJNS (174)16
- Ghosh K, Ghosh, SN, Chatterjee U, Chaudhuri S., Ghosh A; Microglial Contribution To Glioma Progression: An Immunohistochemical Study from Eastern India; Asian Pac J Cancer Prev, 2016, 17(6), 2767-2773.
- Ghosh S, Chaudhuri S. Bangur Institute of Neurosciences: A premier neurosciences institute of Eastern India. Neurol India 2016;64:513-23

- Ghosh SN, Kesharwani A, Chaudhuri S, Ghosh D, Sengupta A. Rhinoscleroma with intracranial extension: A rare case. Neurol India 2016;64:549-52
- Nikhil Talathi, SaraniNath, Sarnava Roy, AninditaJoardar, Shubhamitra Chaudhuri, GoutamGangopadhyay and SamarendraNath Ghosh. (2016); Role of ApoE allele in recovery from traumatic brain injury: study in a tertiary clinic IN KOLKATA. Int. J. of Adv. Res. 4 (11). 1780-1786] (ISSN 2320-5407)

Prof Subhasis Ghosh

- Publication: Kumar B, Kumar H, Ghosh S; Intracranial plasmacytomas mimicking epidural hematomas and revealed by head trauma; AJNS_180_14.

Dr. Tapan Kumar Patra

- Attended NSSI 2016 as Delegate at Sher I Kashmir Institute of Medical Sciences, Srinagar, J&K, on 31/03/2016 to 02/04/2016.
- Attended Spine 2016, annual conference of NSSA India from 16 to 18 September 2016 as Invited Speaker/Panelist/Chairperson.

Dr. Amar Chandra Dhal

- Attended NSSI 2016 as Delegate at Sher I Kashmir Institute of Medical Sciences, Srinagar, J&K, on 31/03/2016 to 02/04/2016.

Dr. Shahid Iftekhar Sadique

- Attended NSSI 2016 as Delegate at Sher I Kashmir Institute of Medical Sciences, Srinagar, J&K, on 31/03/2016 to 02/04/2016.

Dr. Srikrishna Majhi

- Attended NSSI 2016 as Delegate at Sher I Kashmir Institute of Medical Sciences, Srinagar, J&K, on 31/03/2016 to 02/04/2016.

Dr. Gitanjali Dutta

- Attended Spine 2016, annual conference of NSSA India from 16 to 18 September 2016 as delegate.

POSTDOCTORAL TRAINEES (MCH RESIDENTS)

3rd year	2nd year	1st year
Dr. Pallav Agarwal Dr. Abhishek Singh Dr. Ritesh Nawkhare Dr. Shubhamitra Chaudhuri Dr. Aditya Mantry Dr. Maruti Pujari	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

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 PDT of each year (3rd and 4th Saturdays 2 pm onwards)

- Monthly Audit and Mortality Statistical Review (1st Saturday 2pm onwards)

Ongoing Research Projects

- TITCO: A multicenter observational study Towards Improving Trauma Care Outcomes, comprising Departments of Neurosurgery and General Surgery. PI: Prof Samarendranath Ghosh and Prof Makhan Lal Saha. Funded by Karolinska Institutet Sweden.
- Study on Apo E4 Allele in Mild To Moderate Head Injury, a WBDST-FIST Funded Project. PI: Prof Samarendranath Ghosh and Dr. Anindita Joarder
- Canonical Hedgehog Signaling Pathway Is Active In GBM With No Prognostic Correlation In Patients Under Standard Clinical Care. Completed Project awaiting Publication. PI: Prof Samarendranath Ghosh, Prof Subhasis Ghosh and others
- Significance of IDH Expression in Gliomas, a WB DBT Funded Project. PI: Prof Samarendranath Ghosh and Prof Uttara Chatterjee.

3rd Year PDT Thesis Topics

- Dr Pallav Agrawal – Biochemical and psychological factors influencing outcomes in patients with subarachnoid hemorrhage, a prospective study.
- Dr Abhishek Singh – CSF flow velocity at foramen magnum level in adult Chiari 1 Malformation Patients.
- Dr Ritesh Nawkhare – Prospective study of traumatic basal ganglial hemorrhage in pediatric population.
- Dr Shubhamitra Chaudhuri - An observational study of pre and post shunt pituitary function in paediatric patients with hydrocephalus.
- Dr Aditya Mantry – Optic nerve sheath diameter monitoring for assessment of outcome in adults with increased intracranial pressure admitted in neurosurgical intensive care units.
- Dr Maruti Puji – Lateral mass fixation in subaxial cervical spondylosis.

2nd 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 – Clinicoradiological 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.

Conferences attended and papers published/presented by PDTs

Dr. Shubhamitra Chaudhuri

- Attended Spine 2016, annual conference of NSSA India from 16 to 18 September 2016 – presented paper titled “An Epidemiological Analysis Of Patients With Spinal Injuries Presenting To A Tertiary Care Hospital In Eastern India” – won 2nd prize in award paper session
- Attended ASIAN AUSTRALASIAN SOCIETY OF PEDIATRIC NEUROSURGEONS CONFERENCE Workshop in Kolkata 7-9 January 2016 as delegate
- Attended CONCORD 2015 – annual conference of spinal cord society of West Bengal – presented paper titled “Epidemiological and Mortality Analysis of Spinal Injuries in Eastern India” – won 1st prize in award paper session.
- Attended CONCORD 2016 annual conference of spinal cord society of West Bengal –as delegate

Publications

- Ghosh S, Chaudhuri S. Bangur Institute of Neurosciences: A premier neurosciences institute of Eastern India. *Neurol India* 2016;64:513-23
- Ghosh SN, Kesharwani A, Chaudhuri S, Ghosh D, Sengupta A. Rhinoscleroma with intracranial extension: A rare case. *Neurol India* 2016;64:549-52

- Nikhil Talathi, SaraniNath, Sarnava Roy, AninditaJoardar, Shubhamitra Chaudhuri, GoutamGangopadhyay and SamarendraNath Ghosh. (2016); Role of ApoE allele in recovery from traumatic brain injury: study in a tertiary clinic in KOLKATA. Int. J. of Adv. Res. 4 (11). 1780-1786] (ISSN 2320-5407)

Dr. Pallav Agrawal

- Attended SkullBaseCon 8-11 September Jaipur 2016 as delegate/presenter of poster titled "Endoscopic Assisted Removal of Sphenoid Wing Meningioma"
- Attended 10th Neurological Society of India Instructional Course in Mumbai 6-7 Aug 2016
- DrRiteshNawkhare
- Attended SkullBaseCon 8-11 September Jaipur 2016 as delegate/presenter
- Attended Spine 2016, annual conference of NSSA India from 16 to 18 September 2016 as delegate
- Attended National Phase of Torrent Young Scholar Award in Neurosurgery 2016
- Attended 10th Neurological Society of India Instructional Course in Mumbai 6-7 Aug 2016

Dr. Maruti Pujari

- Attended CONCORD 2016 – presented paper titled "Lateral Mass Screw Fixation in Subaxial Cervical Spine" – won best paper award.
- Dr Aditya Mantry
- Attended Spine 2016, annual conference of NSSA India from 16 to 18 September 2016 as delegate
- Attended ASIAN AUSTRALASIAN SOCIETY OF PEDIATRIC NEUROSURGEONS CONFERENCE Workshop in Kolkata 7-9 January 2016 as delegate

Dr. Abhishek Kumar

- Attended NSSI 2016 at Sher I Kashmir Institute of Medical Sciences, Srinagar, J&K, on 31/03/2016 to 02/04/2016.
- Attended Spine 2016, annual conference of NSSA India from 16 to 18 September 2016 as delegate

SERVICE INFORMATION

- Neurosurgery OPD at BIN Monday to Saturday every week at BIN
- Neurosurgery OT 1 and 2 Monday to Saturday at BIN
- 3 days per week Neurosurgery Elective OT at SSKM Main OT Complex (Tue/Thurs/Sat)
- 24x7x365 BIN Emergency and Emergency admission Services at NCB/Alex/CCU
- Round the clock Emergency Operations at NEROT Complex

Services Summary (01/11/2015 to 31/10/2016)

Total OPD Attendance BIN	81310	
Total admissions in BIN (Elective)	1189	
Total operations in BIN (Elective)	1194	
Total no of diagnostic DSA	38	
Total no of Angio-intervention (Coiling / Embolization)	9 (for Neurosurgery Department)	
Total Mortality in BIN	81	
Total Admissions in NCB/Alex/CCU , SSKM Hospital (Emergency)	4289	
Total Operations in NEROT SSKM Hospital (Emergency)	1235	1387 (Total)
Total Operations in Main OT SSKMH	152	
Total No Of Patients Transferred To CCU/ITU/PICU SSKM Hospital	109	
Total Mortality in NCB/Alex/CCU (Emergency)	794	
Total operations performed by neurosurgery dept (BIN EMERGENCY & BIN MAIN OT & DSA)	2581	

Bangur Institute of Neurosciences – Biochemistry

Faculty

Dr. Gargi Sen

Assistant Professor & Head

Number of tests done during the period Jan, 2016 – Nov, 2016

Month	SUGAR	UREA	CREA	TG	CHO	TP	ALB	BIL	SGPT	SGOT
JAN	744	888	744	252	252	396	372	420	408	408
FEB	480	516	492	220	215	285	265	244	252	252
MARCH	700	856	800	220	182	350	380	408	432	432
APRIL	690	748	651	210	210	348	336	312	348	348
MAY	578	580	540	160	162	302	295	344	355	355
JUNE	612	696	624	298	302	372	348	288	350	350
JULY	555	665	625	275	274	300	305	348	312	312
AUG	671	720	684	245	263	410	395	382	310	310
SEP	436	600	546	190	195	240	276	240	380	380
OCT	648	684	615	228	211	300	276	336	348	348
NOV	600	612	556	220	223	384	384	360	420	420
TOTAL	6714	7565	6877	2518	2489	3687	3632	3682	3915	3915

Month	UA	CERU	LAC	SOD	POT	CAL	MAG	PHOS	TSH	CK	TOTAL
JAN	180	250	255	744	744	280	180	276	355	168	7293
FEB	100	200	230	550	550	216	108	240	310	132	5857
MARCH	204	260	200	600	600	240	260	200	325	212	7861
APRIL	220	168	180	696	696	300	222	180	325	180	7368
MAY	168	288	224	576	576	288	168	228	300	165	6652
JUNE	196	201	204	612	612	276	251	265	362	212	7431
JULY	154	204	216	580	580	204	164	245	352	201	6871
AUG	120	156	200	606	606	170	164	230	345	123	7110
SEP	132	166	144	500	500	156	120	258	322	152	5933
OCT	120	144	165	648	648	244	180	182	288	132	6745
NOV	240	210	152	650	650	219	251	184	296	264	7255
TOTAL	1834	2147	2170	6762	6762	2593	2068	2488	3580	1941	76416

Bangor Institute of Neurosciences – Pathology

Faculty

Dr. Suhrid Misra Professor & Head
 Dr. D. Bhattacharya Assistant Professor

Number of tests done during the period Jan, 2016 – Oct, 2016

	BLOOD RE	Complete hemogram	MP	ESR	BT-CT	Urine RE	Stool RE	Sputum	CSF
JAN	656	167	7	825	27	50	9	5	60
FEB	642	147	8	789	28	58	12	4	65
MARH	532	181	10	713	25	39	8	3	69
APR	520	146	12	670	26	48	7	0	72
MAY	625	139	28	764	24	45	8	2	58
JUNE	602	158	26	760	26	39	4	1	64
JULY	532	181	39	713	41	47	6	1	65
AUG	568	178	40	746	39	42	3	1	62
SEPT	550	165	39	715	28	36	4	0	79
OCT	505	145	32	650	31	30	2	2	58

	Other fluid	Gram stain	AFB	Fungal	FNAC+BM	Mantoux	RA	ANF	Biopsy	TOTAL
JAN	1	61	61	60	3	20	12	12	36	2072
FEB	1	66	66	65	5	17	16	16	36	2041
MARH	0	69	69	69	11	22	10	10	42	1882
APR	0	72	72	72	4	21	14	14	44	1814
MAY	1	49	49	58	8	23	20	20	40	2010
JUNE	0	64	64	64	10	17	14	14	51	1978
JULY	0	65	65	65	8	25	21	21	29	1924
AUG	1	63	62	62	5	24	18	17	33	1964
SEPT	2	79	79	79	4	20	22	22	45	1968
OCT	1	58	58	58	4	19	11	10	39	1713

Biochemistry

FACULTY AND STUDENTS

Dr. Mousumi Mukhopadhyay MD	Professor & Head
Dr. Utpal Kumar Biswas DCP, MD	Professor
Dr. Debasish Mandal MD	Associate Professor
Dr. Debasmita Bandyopadhyay MD	Assistant Professor
Dr. Sharmistha Choudhuri MD	Demonstrator
Dr. Amrita Karmakar MD	Demonstrator
Dr. Arghya Ray Chaudhuri MD	Demonstrator
Dr. Prasenjit Pal MD	Senior Resident

Postgraduate trainees

Session 2014-17	Session 2015-18	Session 2016-19
Dr. Suparba Chakrabarti	Dr Debasish Mandal	Dr. Sayani Chaudhury
Dr. Ananya Kundu	Dr Ananya Saha	Dr. Tiasa Sinha
Dr. Chandramallika Paul	Dr Nilabja Das	Dr. Ayesha Hassan
Dr. Sabyasachi Sarkar	Dr Swati Paul	Dr. Anannya Ghosh
Dr. Indrajyoti Sarkar	Dr Sunita Biswas	Dr. Parna Chakraborty
Dr. Anindya Prakash Ghosh	Dr Ananya Roy	Dr. Sudarshan Chakraborty
Dr. Bablu Saren	Dr Sk Sariful Islam	Dr. Ajay Biswas

PhD research scholars

- Mr. Jit Poddar
- Mrs. Upasana Ganguly

REGULAR ACADEMIC ACTIVITIES

- Theory and practical classes for MD, MBBS, DMLT, BPT and B.Sc (Nursing) students.
- College and University examinations for MD, MBBS students.
- Weekly journal club and seminars
- Thesis / Dissertation of MD and PhD students and regular project work.
- Summer Training Programmes of postgraduate and undergraduate students of Biochemistry and Biotechnology of other institutions.

CME Programme on Microarray organized by Dept of Biochemistry of IPGME&R on behalf of AMBI, WB

CME Programme on Innate Immunity attended by faculty and PGTs.

Publications of faculty members and students in last three years

1. Chakrabarti S, Sinha M, Thakurta I.G, Banerjee P, Chattopadhyay M (2013). Oxidative stress and amyloid beta toxicity in Alzheimers disease; intervention in a complex relationship by antioxidants. Curr Medic Chem. (in press)
2. Sinharay M and Mukhopadhyay M. A case of Hurler Scheie Syndrome, attenuated form of mucopolysaccharidosis Type I. Int J Curr Res Rev. (2013); 05 (14); 49-5

3. Roy UK, Pal M, Datta S, Ghosh T, Harlalka S, and Ray Chaudhuri A. Assessment of susceptibility of different areas of brain to oxidative stress in insulin induced hypoglycaemic diabetic rats. *Int J Biol Med Res* (2013);4(4):3550-57
4. Pal M, Datta S, Pradhan AK, Biswas L, Ghosh J, Mondal P, Rahut R, Ray Chaudhuri A, Sau S and Das S. Comparison between different methods of estimation of vitamin D. *Adv Biol Chem* (2013);3:501-504.
5. 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.
6. Choudhuri S, Sharma C, Banerjee A, Kumar S, Kumar L, Singh N. A repertoire of biomarkers helps in detection and assessment of therapeutic response in epithelial ovarian cancer. *Mol Cell Biochem* (2014).
7. Patel S, Choudhuri S, Kumar L, Singh N. Role of Metformin and Paclitaxel alone and in combination in primary ovarian cancer cells. *Int J Biol & Pharm Research*. 2016; 7(5): 262-268.
8. Bhattacharyya S, Mukhopadhyay M, Chakraborty S and Banerjee S. Fructosemia with early onset and atypical presentation- A clinical case report. *Int J Adv Case Reports*. (2014); 1(4); 153-155.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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).
14. Pinaki Saha, Sayantan Dasgupta, Sukla Nath, Pradipta Ghosh, Santanu Sen, Tanmay Jyoti Sau, 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.
15. Pinaki Saha, Sayantan Dasgupta, 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.
16. Pinaki Saha, Piyasha Banerjee, Lakshmi Sona Auddya, 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.
17. Pinaki Saha, Piyasa Banerjee, Prasenjit Pal, Lakshmi Sona Auddya, Santanu Sen, Tanmay Jyoti Sau, 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.
18. Moumita Dutta, Utpal Kumar Biswas, Runu Chakraborty, Piyasa Banerjee, Arun Kumar and Utpal Ray Chaudhuri. Reduced Erythrocyte Carbonic Anhydrase Activity by *Swietenia Macrophylla* Seeds in Diabetic. *Journal of Diabetes, Metabolic Disorders & Control* 2015; Vol: 2, issue 2, : 00035 .
19. 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* 2015; Vol 6: Issue 4, p 21-24.
20. 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.

Conference or Workshop attended:

- AMBICON (National and West Bengal chapter) 2016 attended by faculties and PGTs
- ACCLMPCON 2016 attended by faculties and PGTs
- 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.

SERVICE INFORMATION**Census of test done in last year**

- Number of samples analysed by autoanalyzer, Semi-autoanalyzer and ISE in 2016:
Indoor - 71625, Outdoor - 53560, Emergency - 31374, (Total 1,80,883)
- Total number of special parameter analysed (ELISA) in 2016: 24324

Number of tests analysed by autoanalyzer, semi-autoanalyzer, ISE and ELISA in 2016:

Tests	No. of Patients
1. Alkaline Phosphatase	21180
2. Albumin	20498
3. Amylase	3504
4. BUN(Blood Urea Nitrogen)	109200
5. Bilirubin	79008
6. Creatinine	102592
7. Calcium	14736
8. Cholesterol	22752
9. Direct HDL	22752
10. Direct LDL	22752
11. fT3	9888
12. fT4	15480
13. FSH	1536
14. Na+ K+ Cl-	81024
15. TG	22752
16. Total Protein	21,180
17. HbA1C	1176
18. Prolactin	2,596
19. S.G.O.T	23832
20. S.G.P.T	23512
21. Sugar	106108
22. TSH	21792
23. Microalbumin	996

Tests	No. of Patients
24. 24hoururinary protein	1104
25. Uric Acid	6048
26. LH	1224
27.CA 125	348
28.CA 15.3	48
29.CA19.9	96
30.CEA	108
31.PSA	660
32.Protein Electrophoresis	24
33.25(OH) Vitamin D3	312
34.Serum Fe	432
35.TIBC	432
36.Transferrin saturation	432
37.Ferritin	301
38.LDH	6528
39.Phosphate	10896
40.CSF sugar	576
41.CSF protein	576
42.CSF chloride	576
43. Urine Osmolality	156
44. Urinary calcium creatinine ratio	59
45. G6PD	12
46. Vitamin B12	03

Community Medicine

FACULTY

Dr. Raghunath Misra	DTM&H,MD	Professor and Head
Dr. Sita Chatterjee	DPH, DMCW, MD	Associate Professor
Dr. Mausumi Basu	MD	Associate Professor
Dr. Tushar Kanti Mondal	MD	Associate Professor
Dr. Sinjita Dutta	MD	Assistant Professor
Dr. Debasish Sinha	MD	Assistant Professor
Dr. Aditi Chaudhury	MD	Assistant Professor (Detailment at Institute of H & FW, Kolkata)
Dr. Murari Mohan Mondal	MD	Assistant Professor
Dr. Sarbajit Ray	MD	Demonstrator
Dr. Sribas Roy	MBBS	Demonstrator
Dr. Afifa Ahamed	MBBS	Demonstrator
Dr. Abhishek De	DPH,MD	Demonstrator:

FACULTY NEWS

Prof. Raghunath Misra

Academic activity

- Convener of MBBS 3rd Professional Part I Examination 2016 in Community Medicine at IPGME&R, Kolkata
- External Examiner of MD in Community Medicine Examination 2016 at Assam Medical College, Dibrugarh, Assam
- Adjudicator of three dissertations, submitted in connection with MD in Community Examination of the West Bengal University of Health Sciences
- Adjudicator of thesis, submitted for the award of Ph.D. degree by Lalit Narayan Mithila University, Darbhanga .
- Adjudicator of dissertations, submitted in connection with MD in Community Examination of Srimanta Sankaradeva University of Health Sciences, Assam.
- Centre-in-charge MBBS 2nd Professional Examination 2016 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 2016 in community Medicine of the West Bengal University of Health Sciences
- Paper-setter for MD in Community Medicine examination 2016 in the West Bengal University of Health Sciences
- Paper-setter for MBBS 3rd Professional Part 1 examination 2016 in community Medicine of the Srimanta Sankaradeva University of Health Sciences, Assam.
- Paper-setter for MPH (Institute of Public Health) Examination 2016 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'
- Member of Maternal Death Review Committee of IPGME&R
- Member Arsenic pollution control committee of Government of West Bengal

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 "Urban Health"
- Organized ten short term projects by involving undergraduate students during the year 2016.

Professional/Academic Bodies membership

- President, Indian Association of Preventive & Social Medicine,(WB Chapter)
- Executive Member, Indian Association of Tropical Medicine & Infectious Diseases
- Member , Indian Public Health Association
- Member, Indian Association of Sports Medicine

Training activity

- National Trainer of IMNCI
- State Trainer of FIMNCI
- National Trainer HIV sentinels Surveillance.

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

- Organizing Secretary, 44th National Annual Conference of Indian Association of Preventive and Social Medicine (IAPSMCON 2017)
- Organized and facilitated JE vaccination training for the faculty members, MOs, PGTs, Junior doctors and Nursing Personnel's on 04.01.2016; & 07.01.2016 at IPGME&R, Kolkata
- Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G.Kar Medical College organized by Association of Physicians Of India (API), West Bengal Branch
- Attended India Diabetes & endocrine Conference: A joint USW & India Initiative on 05.03.2016 & 06.03.2016
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.03.2016; 13.03.2016
- Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R , Kolkata as Convenor of the programme.
- Attended World Health Day 2016 celebration by the Endocrinology Department of IPGME&R, Kolkata.
- Attended IDEACON 2016 on 08.07.2016;09.07.2016;& 10.07.2017
- Member of the organizing committee of IPGME&R/ SSKM inauguration day on 16.01.2015 at IPGME&R.
- Attended Eye Donation Fortnight on 03.09.2015 at IPGME&R.
- Attended State Conference of IPHA at NRS Medical College on July, 2015
- Organized and acted as convenor of Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.

Publications

- Basu M, Sarkar K, Shahbabu B, Ray S, Barik G, Chatterjee S and Misra RN: Pattern and Determinants of Overweight and Obesity among Medical Students of Kolkata. Int J Pharm Sci Res 2016; 7(1): 377-86.
- Dutta S, Sinha D, Chatterjee S, Basu M, Misra RN. Profile and Awareness of Blood Donors: A Study In Blood Bank of a Tertiary Care Hospital of Kolkata. Int J Pharm Sci Res 2016; 7(9): 3881-86.
- Chakraborty D, Ganguly S,Pranick S, Bera S, Basu M, Misra R.N. A Retrospective Cohort Study on Protective Efficacy of Intrapartum Nevirapine Prophylaxis to Prevent Parent to Child Transmission of Human Immunodeficiency Virus in West Bengal. Ann. Int. Med. Den. Res. 2016; 2(5):CM01-CM05.

Dr. Sita Chatterjee**Academic activity**

- Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Projects.
- Internal examiner of 3rd Professional Part 1Community Medicine in January 2016 at IPGME&R under WBUHS
- Attended 61st Foundation Day of Indian PHA CME on 28.09.2016 at R.G.Kar Medical College Auditorium.
- Worked in Urban Health Survey on 16.11.2016 at Maheshtala organized by UNICEF.
- Conducted Health Check Up on 18.11.2016 at Gokhale Memorial Girls College.

Meetings, Conferences, CMEs, Workshops and Seminars attended

- Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Attended many CMEs on diabetes throughout the year.
- Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G.Kar Medical College organized by Association of Physicians Of India(API), West Bengal Branch.
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.03.2016;13.03.2016 .
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended World Health Day 2016 on 07.04.2016 organized by Endocrine Department at IPGME&R.

- Attended Geriatric clinical meeting on 09.04.2016 at Calcutta Medical College Hospital organized Geriatric Association of India(West Bengal) Chapter.
- Attended Diabetes Update 2016 on 24.04.2016 organized by Kolkata Diabetes and Endocrinology Forum.
- Attended CME on All India General Practitioners Association on 28/05/16 at NRS medical college
- Attended Insulin Discovery Day on 30.07.2016 at Rabindra Sadan organized by DAIWB.
- Attended National Nutrition Week Symposium on 02.09.2016 at NRSMC organized by Diabetic Association of India.
- Attended Eye Donation Fortnight on 05.09.2016 at IPGME&R.
- Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended Regional Conference On Occupational Health 2016 on 26.11.2016 at Regional Occupational Health Centre (ROHC) (Eastern) organized by IPHA & ROHC, ICMR.
- Attended Symposium for Development of Research on 03.12.2016 at IPGME&R organized by West Bengal University of Health Sciences.
- Attended MDR Meeting 15 April & 26th July '16 at G & O Dept, IPGME&R.
- Attended RKS meeting on 26th October'16 at IPGME&R.
- Attended National Seminar on alternative approach to elevate Poverty on 8th Dec.'16 at Rotary Sadan organized by Kalitala Mahila Samiti.
- Attended Pharmacovigilance Programme of India for assuring Drug Safety on 9th December at IPGME&R.
- Attended seminar on Vertigo & Dizziness on 19.02.2016 at IPGME&R
- Attended CME on Liver & GI disorder on 26.02.2016 & 28.05.2016
- Attended CME on Zika Virus on 04.03.2016 at IPGME&R.
- Attended seminar on Global Strategy for Management, Treatment & Prevention of COPD on 13.07.2016 at IPGME&R.
- Attended seminar on Role of "Nano Therapy" at IPGME&R on 09.05.2016.
- Attended seminar on Vit D Deficiency at IPGME&R on 13.06.2016.
- Attended seminar on Chronic Neuropathic Pain at IPGME&R on 17.06.2016.
- Attended Sensitisation Programme on Organ Transplantation at LT-5, IPGME&R on 20.06.2016
- Attended seminar on topical antibiotic on 16.07.2016 at IPGME&R
- Attended seminar on hepatitis at IPGME&R on 17.10.2016
- Attended RNTCP Sensitisation Programme on 28.10.2016 at IPGME&R organised by Dept of Com Med & Chest Med with collaboration of WHO

Membership

- Member of 44th Annual National Conference of Indian Association of Preventive and Social Medicine (IAPSM) .
- Member of IAPSM.
- Member of West Bengal Association of Sports Medicine.
- Member of IPHA
- Member of geriatric association of India, W.B chapter
- Member of diabetic association of India, W.B chapter

Clinical activity

- Regularly attended OPD throughout the year almost on every tuesday.
- Attended JE vaccination programme from December 2015 to January 2016.

Training activity

- Trained on JE vaccination

Publications

- Basu M, Sarkar K, Shahbabu B, Ray S, Barik G, Chatterjee S and Misra RN: Pattern and Determinants of Overweight and Obesity among Medical Students of Kolkata. Int J Pharm Sci Res 2016; 7(1): 377-86.
- Basu M, Ray S, Mazumdar M, Gupta AK, Sengupta P, Chatterjee S.
- Refractive Errors and Its Determinants among Medical Students of Kolkata: A Descriptive Study. Int J Prevent Public Health Sci 2016;2(1):11-17.
- Dutta S, Sinha D, Chatterjee S, Basu M, Misra RN. Profile and Awareness of Blood Donors: A Study In Blood Bank of a Tertiary Care Hospital of Kolkata. Int J Pharm Sci Res 2016; 7(9): 3881-86.
- 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 for publication.jfmpc_238-16.

Dr. Mausumi Basu

Academic activity

- Regularly took MBBS classes, BPT classes, Internal Examinations, Family Health Surveys and Undergraduate Projects
- Speaker on Obesity on 21.02.2016 at Narayana Superspeciality Hospital organized by Sportsmedcon2016.
- Worked as Observer for Joint Entrance Examination on 17.05.2016 at B.P. Poddar Engineering College.
- Worked as Observer for Joint Entrance Examination (Medical) on 20.07.2016 at B.P. Poddar Engineering College.
- Shortlisted for the Phase 2 of BMJ Awards South Asia 2016 under Category " Infectious Diseases Initiative of the Year".
- Actively participated in Workshop on " Capacity Building for Medical College Faculties in Maternal, Neonatal, Child Health & Nutrition (MNCHN) Research" from 20.09.2016 to 24.09.2016 at Dr. Sushila Nayar School of Public Health, Mahatma Gandhi Institute of Medical Sciences, Sevagram, Wardha.
- Co ordinator of 61st Foundation Day of Indian PHA CME on 28.09.2016 at R.G.Kar Medical College Auditorium.
- Delivered Speech as a resource person on 'General Health & Community Medicine' in the Interdisciplinary Refresher Course on "Disaster Management" organized by UGC - Human Resource Development Centre of Jadavpur University on 09.11.2016.
- Worked in Urban Health Survey on 16.11.2016 at Maheshtala organized by UNICEF.
- Conducted Health Check Up on 18.11.2016 at Gokhale Memorial Girls College.
- Resource person for ICD-10 meeting with District Level Authority on 22.11.2016 at Swasthya Bhavan.
- Delivered occasional lectures on "Orientation Training Course" (OTC) for Anganwadi Workers organized by " The Community Food & Nutrition Extension Unit" (CFNEU) Kolkata, Food & Nutrition Board, Under the Ministry of Women & Child Development, Govt. of India.
- Delivered occasional lectures of TOT for CDPOs organized by CFNEU, Kolkata, Food & Nutrition Board, Min. of Women & Child Development, GOI.
- Community Medicine External Examiner of 3rd MBBS(Part-1) Professional University Examination, 2016 on 14th and 15th Dec, 2016 at NEIGRIHMS, Shillong

Meetings, conferences, CMEs, workshops and seminars attended

- Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Obtained Certificate of Achievement MECOR (Methods in Epidemiologic, Clinical and Operations Research) Level 1 from 18.01.2016 to 23.01.2016 at Jaipur organized by American Thoracic Society.
- Attended many CMEs on diabetes throughout the year.
- Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G.Kar Medical College organized by Association of Physicians Of India(API), West Bengal Branch.
- Attended Sportsmedcon 2016 on 21.02.2016 at Narayana Superspeciality Hospital organized by WBASM.
- Attended TOT of District workshop for IPV Introduction on 02.03.2016 at Institute of Urban Management Kolkata Municipal Corporation(KMC).
- Attended India Diabetes & endocrine Conference: A joint USW & India Initiative on 05.03.2016 & 06.03.2016 .
- Attended 5th Convocation of West Bengal University of Health Sciences on 10.03.2016 at Nazrul Mancha.
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.03.2016;13.03.2016 .
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended World Health Day 2016 on 07.04.2016 organized by Endocrine Department at IPGME&R.
- Attended Geriatric clinical meeting on 09.04.2016 at Calcutta Medical College Hospital organized Geriatric Association of India(West Bengal) Chapter.
- Attended State Level Debriefing Meeting Under NACP IV of end-term evaluation of TI projects for FSW TI partners of South Bengal on 13.04.2016 & for Truckers TI partners of South Bengal on 15.04.2016 at Swasthya Bhavan.
- Attended Diabetes Update 2016 on 24.04.2016 organized by Kolkata Diabetes and Endocrinology Forum.
- Attended CME on All India General Practitioners Association (AIGPA) on 28.05.2016; 23.07.2016; 27.08.2016 at NRS Medical college.
- Attended IDEACON 2016 on 08.07.2016;09.07.2016;& 10.07.2017.
- Attended Insulin Discovery Day on 30.07.2016 at Rabindra Sadan organized by DAIWB.
- Attended Autumn CME on 26.08.2016 organized by Apollo and IMA.
- Attended National Nutrition Week Symposium on 02.09.2016 at NRSMC organized by Diabetic Association of India.
- Attended Eye Donation Fortnight on 05.09.2016 at IPGME&R.
- Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended Training on Urban Health on 12.11.2016 at R. G. Kar Medical College.

- Attended Regional Conference On Occupational Health 2016 on 26.11.2016 at Regional Occupational Health Centre (ROHC) (Eastern) organized by IPHA & ROHC, ICMR.
- Attended Symposium for Development of Research on 03.12.2016 at IPGME&R organized by West Bengal University of Health Sciences.

Membership

- Joint Secretary of 44th Annual National Conference of Indian Association of Preventive and Social Medicine (IAPSM) .
- Joint Secretary of 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.
- Clinical Activity:
- Regularly attended OPD throughout the year almost on every Saturday.
- Training activity:
- Trained on Orientation Training on Internal Complaints Committee (ICC) for The Sexual Harassment of Women at Workplace (SHWP) (Prevention, Prohibition and Redressal) Act 2013 on 19.10.2016 at IPGME&R organized by SANHITA

Publications

- Basu M, Sarkar K, Shahbabu B, Ray S, Barik G, Chatterjee S and Misra RN: Pattern and Determinants of Overweight and Obesity among Medical Students of Kolkata. Int J Pharm Sci Res 2016; 7(1): 377-86.
- Basu M. Prevalence and Determinants of Cigarette Smoking among undergraduate Medical Students in Kolkata. Medical Glory 2016;2(1)13-19.
- Basu M, Ray S, Mazumdar M, Gupta AK, Sengupta P, Chatterjee S.
- Refractive Errors and Its Determinants among Medical Students of Kolkata: A Descriptive Study. Int J Prevent Public Health Sci 2016;2(1):11-17.
- Dutta S, Sinha D, Chatterjee S, Basu M, Misra RN. Profile and Awareness of Blood Donors: A Study In Blood Bank of a Tertiary Care Hospital of Kolkata. Int J Pharm Sci Res 2016; 7(9): 3881-86.
- Chakraborty D, Ganguly S, Pramanick S, Bera S, Basu M, Misra R. A Retrospective Cohort Study on Protective Efficacy of Intrapartum Nevirapine Prophylaxis to Prevent Parent to Child Transmission of Human Immunodeficiency Virus in West Bengal. Ann. Int. Med. Den. Res. 2016; 2(5):CM01-CM05.
- Biswas DK, Bhunia R, Basu M, Mishra A. Barriers Access to HIV Testing and Treatment Services in the District of Purba Medinipur, West Bengal; India – Focus Group Discussion. Int J AIDS Res. 2016; 3(7):114-120.
- 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 for publication.jfmpc_238-16.

Dr. Tushar Kanti Mondal

Meetings, Conferences, CMEs, Workshops and Seminars attended

- Attended Sportsmedcon 2016 on 21.02.2016 at Narayana Superspeciality Hospital organized by WBASM.
- Attended Annual State Conference of IAPSM WB Chapter at N.R.S. Medical College Kolkata
- Attended APICON 2015 organised by Association of Physicians of India North Bengal Chapter from 6th-7th June, 2015 at Siliguri
- Attended World Health day 7th April topic-Diabetes Quiz at IPGMER, Kolkata organised by IAPSM WB Chapter
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended IPHA Annual State Conference at NRS Medical College on 11.4.15
- Attended CME on Zika virus at IPGMER organised by IPGMER, Kolkata
- Attended National Annual APICON 2016 organised by Association of Physicians of India January 2016 at Hyderabad
- Attended JIMACON organised by Journal of Indian Medical Association on, 2016 at N.R.S Medical College
- Attended the Annual Geriatric Conference (WB Chapter) organised by Indian Academy of Geriatrics at IPGMER on September 2016
- Attended Non-Communicable diseases (Hypertension-Oct and Diabetes-Nov) National Annual conference 2016 at Hyderabad
- Attended CME of Obesity at IPGMER, Nov-16
- Attended Annual state Conference organised by API on September-October, 2015 at Hyatt Hotel, Kolkata

- Attended World Diabetic Day Program held on 14th November-16, at Rotary Sadon, and also walk/"Padajatra" for diabetes organised by Diabetic Association of India, West Bengal Branch
- Attended CME on Insulin Discovery Day, organised by IDA on 30th July, 2016
- Attended Eastern Zonal Annual Conference 26 Nov. 2016 of Occupational Disease organised by Eastern Occupational disease Centre Kolkata GOI, ICMR, and IPHA Head Quarter,
- Attended 61 Foundation Day 2016 of IPHA organised by IPHA head quarter, Kolkata. At R.G Medical College.
- Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G.Kar Medical College organized by Association of Physicians Of India(API), West Bengal Branch.
- Attended India Diabetes & endocrine Conference: A joint USW & India Initiative on 05.03.2016 & 06.03.2016 .
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.-13.03.2016 .
- Attended Geriatric clinical meeting on 09.04.2016 at Calcutta Medical College Hospital organized Geriatric Association of India(West Bengal) Chapter.
- Attended Eye Donation Fortnight on 05.09.2016 at IPGME&R.
- Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended Symposium for Development of Research on 03.12.2016 at IPGME&R organized by West Bengal University of Health Sciences.
- Attended Diabetes Update 2016 on 24.04.2016 organized by Kolkata Diabetes and Endocrinology Forum.
- Attended IDEACON 2016 on 08.07.2016;09.07.2016;& 10.07.2017.
- Attended CME on Infective Hepatis on 17.10.2016 at IPGME&R organized by Community Medicine Dept of IPGMER speaker by Prof. U. C. Ghosal\
- Attended RNTCP Sensitization programme of Internee on 27.10.2016 at IPGME&R organized by Community Medicine Dept, Chest Medicine of IPGMER and sponsored by WHO
- Attended Pharmacovigilance Programme of India for Assuring Drug Safety(PVPI) held at IPGMER on 9.12.16, organised by MHFW, GOI
- Organised seminar on Japanese Encephalitis on 20.08.2014 at IPGME&R organized by Community Medicine Department
- Attended Seminar on An Alternative Approach To Alleviate Poverty.8.12..2016 at Rotary Sadan, Kolkata West Bengal University of Health Sciences.

Research activities

- Acted as an investigator and analyser of a multicentre pilot study on 'Prevalence of Chronic Kidney Disease among adult population of Kolkata' from 9th -13th September 2015
- Organised undergraduate student Projects Titled 'A study on profile of Hypertensive Patients Attending Medicine OPD of SSKM Hospital'
- Study on diabetes awareness and its risk assessment among persons attending general medicine OPD at SSKM Hospital, Kolkata, West Bengal of 3rd semester batch

Program activities

- Attended survey for detection of prevalence of Arsenicosis(arsenic poisoning) in a village of Gaighata, North 24 Pargonas, WB in 29 September, 16.
- Attended at Mahestala, South 24 porgonas for urban Health Survey-RMNCH+ as unit incharge(IPGMER) in 16th Nov-16

Teaching and Training given

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

Publications

- Knowledge, Attitude and Practice of budding doctors in prevention of thalassemia, Chatterjee S, Mondal TK, G, Basu M. International journal of prevention and public health sciences. -2(4)-04-0A 2016.

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

Own/Self academic programme:

- Completed Certificate Courses of Advanced Certificate Course of Management of Diabetes and Cardiovascular Complication(ACMDC) and Certificate Courses of Management Thyroid Disorder(CCMTD) affiliated by PHFI- Public Health Foundation of India.
- Studying Certificate Courses of Hypertension and its Management(CCMH) and Asthma & COPD(CCCA) affiliated by PHFI-Public Health Foundation of India.

Dr. Sinjita Dutta

Academic activity

- Reviewer of Indian Journal of Public Health
- Was speaker on topic 'Questionnaire development' in Pharmacology Department held on 2nd July, 2016
- Nodal officer of Supportive Supervision of SOP of STI/RTI from 20.08.2015 at IPGME&R.
- Invigilator in BPT, BOT, BAMS, BHMS Examinations 2016

Meetings, Conferences, CMEs, Workshops and Seminars attended:

- Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Attended Regional Conference On Occupational Health 2016 on 26.11.2016 at Regional Occupational Health Centre (ROHC) (Eastern) organized by IPHA & ROHC, ICMR.
- Organized and conducted IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Organized and attended awareness programme on 'recent development of Tuberculosis management' among internees at IPGME&R, KOLKATA.
- Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Conducted Health Check Up on 18.11.2016 at Gokhale Memorial Girls College.

Membership

- Member of IAPSM.
- Member of IPHA
- Convenor: Website Committee of 44th Annual National Conference of Indian Association of Preventive and Social Medicine (IAPSM).

Clinical activity

- Organised session on JE Vaccine Campaign at Paediatric OPD of IPGME&R, Kolkata on Dec '15 to Feb.2016
- Regularly attended OPD on every Thursday.
- Helped Internees to enhance clinical skills at General OPD at IPGME&R and Lakshibala Rural Hospital at Muchisa, 24 Pgs (S).

Publication

- Dutta S, Sinha D, Chatterjee S, Basu M, Misra RN. Profile and Awareness of Blood Donors: A Study In Blood Bank of a Tertiary Care Hospital of Kolkata. Int J Pharm Sci Res 2016; 7(9): 3881-86.

Dr. Debasish Sinha

Academic activity

- Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Projects.
- Scrutinizer of 3rd Professional Part 1Community 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.

- Worked as Resource Person on Medical Certification of Cause of Death (MCCD)& ICD-10 Workshop on 29.01.2016; & 09.05.2016 at Swasthya Bhavan.
- Speaker on Nutrition in sports on 21.02.2016 at Narayana Superspeciality Hospital organized by Sportsmedcon2016.
- Attended 61st Foundation Day of Indian PHA CME on 28.09.2016 at R.G.Kar Medical College Auditorium.
- Worked in Urban Health Survey on 16.11.2016 at Maheshtala organized by UNICEF.
- Meetings, conferences, CMEs, workshops and seminars attended:
- Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Organized and attended awareness programme on 'recent development of Tuberculosis management' among interneers at IPGME&R, KOLKATA.
- Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G.Kar Medical College organized by Association of Physicians Of India(API), West Bengal Branch.
- Attended Sportsmedcon 2016 on 21.02.2016 at Narayana Superspeciality Hospital organized by WBASM.
- Attended 5th Convocation of West Bengal University of Health Sciences on 10.03.2016 at Nazrul Mancha.
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.03.2016;13.03.2016 .
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended World Health Day 2016 on 07.04.2016 organized by Endocrine Department at IPGME&R.
- Attended Geriatric clinical meeting on 09.04.2016 at Calcutta Medical College Hospital organized Geriatric Association of India(West Bengal) Chapter.
- Attended Diabetes Update 2016 on 24.04.2016 organized by Kolkata Diabetes and Endocrinology Forum.
- Attended CME on All India General Practitioners Association (AIGPA) on 28.05.2016; 23.07.2016; 27.08.2016 at NRS Medical college.
- Attended IDEACON 2016 on 08.07.2016;09.07.2016;& 10.07.2017.
- Attended Insulin Discovery Day on 30.07.2016 at Rabindra Sadan organized by DAIWB.
- Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended Training on Urban Health on 12.11.2016 at R. G. Kar Medical College.
- Attended Symposium for Development of Research on 03.12.2016 at IPGME&R organized by West Bengal University of Health Sciences.

Membership

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

Clinical activity

- Organised session on JE Vaccine Campaign at Paediatric OPD of IPGME&R, Kolkata on Dec '15 to Feb.2016
- 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

- Participated as Delegate in the training programme held on 21st. to 23rd. Jan '16 at conference hall of AIIPH&PH, Bidhan Nagar campus on "3T Plus ETTC Training Course in Bioethics for Medical and Dental Teachers of Health Sciences" organized by The West Bengal Health Sciences.
- Act as Trainer of FDC (Field Data Collectors) in National Mental Health Survey programme in West Bengal.
- Orientation training programme on RNTCP (state task force meeting) at RG Kar Medical College on 17/03/2016
- Training of Trainers at Howrah CMOH office before observing Diarrhoea Fortnight on 08.04.2016
- TRAINING on 'Rabies management' according to recent guideline at swasthya bhaban on

Publications

- Dutta S, Sinha D, Chatterjee S, Basu M, Misra RN. Profile and Awareness of Blood Donors: A Study In Blood Bank of a Tertiary Care Hospital of Kolkata. Int J Pharm Sci Res 2016; 7(9): 3881-86.
- Barua Jayanta Kumar, Basu Mausumi, Bhattacharya Susmita , Mukherjee Khaya , Sinha Debasish : Epidemiological Profile of HIV Patients in a Tertiary Care Hospital of Kolkata; J Pharm Biomed Sci | Vol. 05 No. 11 | 890-896 : Dec'15.

- Mukherjee A, Sinha A, Taraphdar P, Sinha D "Effectiveness of an educational intervention on personal hygiene among school children in slum area of Kolkata" : IOSR-JDMS; vol 13, issue 12 Ver III (Dec '15) ; page 13 – 17.
- Basu M, Sinha D, Ahmed A, Misra R : "State of Depression, Anxiety & Stress among Nursing student in a tertiary care hospital at Kolkata" paper accepted for publication.

Dr. Murari Mohan Mondal

Academic activity

- Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Projects.
- Attended 61st Foundation Day of Indian PHA CME on 28.09.2016 at R.G.Kar Medical College Auditorium.
- Worked in Urban Health Survey on 16.11.2016 at Maheshtala organized by UNICEF.
- Co investigator of Health Hazards of Arsenic pollution in Gaighata block of the district North 24 Parganas.
- Co Investigator of the UNICEF sponsored project "Urban Health"

Meetings, conferences, CMEs, workshops and seminars attended

- Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Organized and attended awareness programme on 'recent development of Tuberculosis management' among internees at IPGME&R, KOLKATA.
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.03.2016;13.03.2016 .
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended World Health Day 2016 on 07.04.2016 organized by Endocrine Department at IPGME&R.
- Attended Diabetes Update 2016 on 24.04.2016 organized by Kolkata Diabetes and Endocrinology Forum.
- Attended IDEACON 2016 on 08.07.2016;09.07.2016;& 10.07.2017.
- Attended Insulin Discovery Day on 30.07.2016 at Rabindra Sadan organized by DAIWB.
- Attended Eye Donation Fortnight on 05.09.2016 at IPGME&R
- Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended Training on Urban Health on 12.11.2016 at R. G. Kar Medical College.

Membership

- Member of IAPSM.
- Member of IPHA
- Convenor: Website Committee of 44th Annual National Conference of Indian Association of Preventive and Social Medicine (IAPSM).

Clinical activity

- Organised session on JE Vaccine Campaign at Paediatric OPD of IPGME&R, Kolkata on Dec '15 to Feb.2016
- Regularly attended OPD on every Thursday.
- Helped Internees to enhance clinical skills at General OPD at IPGME&R and Lakshibala Rural Hospital at Muchisa, 24 Pgs (S).

Training activity

- Orientation training programme on RNTCP (state task force meeting) at RG Kar Medical College on 17/03/2016
- Training of Trainers at Howrah CMOH office before observing Diarrhoea Fortnight on 08.04.2016

Publication

- Mondal S, Bandyopadhyay A, Mandal M M, Pal D K. Erectile dysfunction in anterior urethral strictures after urethroplasty with reference to vascular parameters. Med J Armed Forces India. 2016 Oct;72(4):344-349.

Dr. Sarbajit Ray

Academic activities

- Speaker in CME on JNC 8 organised by Department of Community Medicine in July 2015
- Speaker in CME on Management of IBS organised by Department of Community Medicine in August 2015

Conferences, CMEs,Workshops and Seminars Attended

- Organised Inter College Quiz Competition organised by IAPSM WB Chapter at IPGMER on 7th September, 2015

- Attended a one day workshop on Anti-Doping Awareness on 04.03.2015 at Sports Science Centre of SAI, NSEC, Salt Lake City, Kolkata organized by Sports Authority of India, Eastern Centre, Kolkata and National Anti-Doping Agency (NADA) for Education and Awareness on Anti-Doping in Sports (PEADS).
- Attended Masterclass on Dizziness and Vertigo on 27.05.2015 at Hotel The Park organized by BMJ Masterclasses.
- Organized and attended World Population Day 2015 on 11.07.2015 at IPGME&R organized by IPHA,HQ.
- Attended World Stroke Day on 29.10.2015 at IPGME&R organized by Neurology Department.

Dr. Sribas Roy

Meetings, Conferences, CMEs,Workshops and Seminars attended

- Organised 31st annual Conference of IAPSM WB Chapter on 27th and 28th March 2015 at IPGME&R, Kolkata
- Attended CME on "RNTCP" on 24th March at GLT of IPGME&R, organized by Royal College of Medicine.
- Attended CME on Dizziness and vertigo on 27th May, 2015 at Park Hotel organized by BMJ Learning
- Attended CME on Management of hypothyroidism with micronutrient therapy on 28.6.15 at Hotel Golden Park organized by Meyer Vitabiotics
- Attended Panel Discussion on 'Vulnerable Population in Emergency' on 11th organised by IPHA Headquarter at IPGME&R

Dr. Afifa Ahamed

Academic activity

- Regularly took MBBS classes, BPT classes, Internal Examinations, Family Health Surveys and Undergraduate student research Projects.
- Worked as Observer for MBBS,BPT,BHMS,BAMS professional examination at IPGME&R.
- Worked as Observer for CGHS examination on 28th August at IPGME&R.
- Conducted visit at Muchisha BPHC.

Meetings, conferences, CMEs, workshops and seminars attended

- Attended many CMEs on diabetes throughout the year.
- Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G.Kar Medical College organized by Association of Physicians Of India(API), West Bengal Branch.
- Attended seminar on Vertigo & Dizziness on 19.02.2016
- Attended CME on Liver & GI disorder on 26.02.2016& 28.05.2016
- Attended CME on Zika Virus on 04.03.2016 at LT5, IPGME&R
- Attended 5th Convocation of West Bengal University of Health Sciences on 10.03.2016 at Nazrul Mancha.
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 05.04.2016 & 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended World Health Day 2016 on 07.04.2016 organized by Endocrine Department at IPGME&R.
- Attended seminar on Role of "Nano Therapy" at IPGME&R on 09.05.2016.
- Attended seminar on Vit D Deficiency at IPGME&R on 13.06.2016.
- Attended seminar on Chronic Neuropathic Pain at IPGME&R on 17.06.2016.
- Attended Sensitisation Programme on Organ Transplantation at LT-5,IPGME&R on 20.06.2016
- Attended IDEACON 2016 on 08.07.2016;09.07.2016;& 10.07.2016.
- Attended seminar on Global Strategy for Management,Treatment & Prevention of COPD on 13.07.2016 at IPGME&R.
- Attended seminar on topical antibiotic on 16.07.2016 at IPGME&R
- Attended CME organised by Dept of Ophthalmology for the occasion of Eye Donation Fortnight on 05.09.2016 at IPGME&R.
- Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended 61st Foundation Day of Indian PHA CME on 28.09.2016 at R.G.Kar Medical College Auditorium.
- Attended seminar on hepatitis at IPGME&R on 17.10.2016
- Attended RNTCP Sensitisation Programme on 28.10.2016 at IPGME&R organised by Dept of Com Med & Chest Med with collaboration of WHO
- Attended PEDICON 2016 on 12.11.16
- Attended seminar on Misuse of Drug on 1.12.2016 at IPGME&R.
- Attended Symposium for Development of Research on 03.12.2016 at IPGME&R organized by West Bengal University of Health Sciences.

Membership

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

Clinical activity

- Regularly attended OPD throughout the year.
- Attended JE vaccination programme from December 2015 to January 2016.
- Conducted Health Check Up on 18.11.2016 at Gokhale Memorial Girls College.

Training activity

- attended JE vaccination training on 11.12.2015, 04.01.2016 & 07.01.2016 at IPGME&R.

Dr. Abhishek De**Academic activity:**

- Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Student Research Projects.
- 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.
- Performed data management for Urban Health Survey on 16.11.2016 at Maheshtala organized by UNICEF.
- CMEs, Meetings, Conferences, Workshops and Seminars attended:
- Assisted in organizing and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Attended Workshop on Application of Statistical methods in Medicine held between March 07 and March 18, 2016 at Indian Statistical Institute, Kolkata.
- Attended and assisted in organizing IAPSM Quiz on World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended CME on Diabetes on Insulin Discovery Day (30.07.2016) at Rabindra Sadan, Kolkata, organized by DAIWB.
- Attended CME organized by the Ophthalmology Department, IPGME&R on the occasion of Eye Donation Fortnight on 05.09.2016 at IPGME&R.
- Attended and Co-organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended CME organized by Indian Public Health Association, West Bengal Chapter on the occasion of 61st Foundation Day of IPHA at RG Kar Medical College on Sep 29, 2016.
- Membership:
- Convenor of Registration Committee for the 44th Annual National Conference of Indian Association of Preventive and Social Medicine, 2017

Clinical activity

- Regularly attended OPD throughout the year on Tuesdays.
- Conducted JE vaccination campaign held at SSKM Hospital in Dec, 15 and Jan, '16.

Training activity

- Resource Person for training on Japanese Encephalitis Vaccination held at IPGME&R on Jan 07, 2016

Publications

- Dutta D, De A. Choice of ocular NSAIDs after cataract surgery. IOSR J Dent Med Sci. 2016;15(11):30-35. DOI: 10.9790/0853-1511013035.

DEPARTMENTAL ACTIVITIES**Academic activities**

- Teaching of MBBS Students, Bachelor of Physiotherapy Students, MSc. Nursing Students.
- 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 awareness and practices on foot care among the patients attending diabetic clinic IPGME&R Kolkata
 - A study on depressions among students of nursing school of IPGME&R Kolkata
 - Standards for TB care in India (STCI) guide line ; A study on Knowledge attitude and practice among junior doctors in tertiary care medical college hospital of Kolkata
 - A study on profile of road traffic accidents victims attending a tertiary care hospital of Kolkata

- A study on profile of burn patients admitted in burn units of IPGMER, SNP Hospital and M R Bangur Hospital
 - A study on antibiotics uses pattern among undergraduate medical students of IPGMER Kolkata
 - A study on knowledge and practice of healthcare of pregnant mother attending at ante natal clinics of IPGMER Kolkata
 - A study on profile of nosocomial; infections in neonates admitted to SSKM Hospital Kolkata
 - A study on socio-clinical profile of the patients attending at emergency rooms of IPGMER
- 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, 2015-'16' in West Bengal under leadership of NIMHANS is being conducted by faculties of the department.
 - One day survey on Arsenic Prevalence at Gaighata block of North 24 Parganas was organised by the department.
 - Survey on Urban Health with collaboration of UNICEF was done at Maheshtala Municipality Nodal centre of 'Integrated Disease Surveillance Project' of SSKM Hospital, Kolkata. The department also conducts orientation Training Programmes for doctors, paramedical staff and nurses.

OPD ACTIVITIES

General OPD

Situated in the Ground Floor of Emergency Building

OPD Roster

Days	Doctors
Tuesday	Dr. Sita Chattopadhyay Dr. Tushar Kanti Mondal Dr. Debasish Sinha
Thursday	Prof. Raghunath Misra Dr. Murari Mohan Mandal Dr. Sarbajit Ray Dr. Sinjita Dutta
Saturday	Dr. Mausumi Basu Dr. Sribas Ray Dr. Afifa Ahamed

Total OPD attendance since December 2015 to November 2016

Attendance	Male	Female
New	4986	5699
Old	4689	4595
Total	90675	10294

Dentistry (Odontostomatology)

STAFF

Faculty

Dr. P. Chakraborty	MDS (Conservative Dentistry & Endodontics))	Professor & Head
Vacant	One post	Associate Professor
Vacant	One post	Assistant Professor
Dr. A. Sengupta	MDS (Oral & Maxillofacial Surgery)	Clinical Tutor

Medical Officers

Dr. S. K. Ghosh	BDS	MO (Dental)
Vacant	One post	MO (Dental)

Housestaff

Dr. Bikash Chandra Maity Dr. MD Zeeshan Abedin Dr. Kanta Pal Dr. Sankalita Bisui	Dr. Partha Pratim Mondal Dr. Jhimkini Pohit Dr. Prateek Baid Dr. Pritha Jana	Dr. Rahul Paul Dr.. Pubali Biswas
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Transfers and Postings

- Dr. Uttam Kumar Deb, Professor: Transferred from I.P.G.M.E.R, Kolkata & joined at B.S.M.C, Bankura in August, 2016.
- Dr. P. Chakraborty, Professor: Transferred from Burdwan Medical College, Burdwan & joined at I.P.G.M.E.R, Kolkata on 05.08.2016.
- Dr. A. Sengupta, Clinical Tutor: Joined at I.P.G.M.E.R, Kolkata on 31.08.2016.
- Dr. Rupa Ghosh, Associate Professor: Got transferred to Burdwan Medical College, Burdwan on 09.11.2016.
- Dr. Aninda Ghosh, MO (Dental): On detailment got transferred to Medical College Hospital, Kolkata on 10.11.2016.

ACADEMIC ACTIVITY

- CDE Programme was organized in the department in the month of November, 2015. The topic of discussion was on "Role of Anti-Inflammatory Effects of Trypsin-Chymotrypsin Combination in day to day Dental/Oral Surgery Procedure."
- Another CDE Programme was organized in December, 2015. The topic of discussion was: "Role of Metronidazol as topical antiseptic in soft tissue infection of oral cavity."
- 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 on Saturdays.

This is one of the few departments in this premiere Post Graduate Institute where PG course has not been introduced. We urge the administration to pursue the previous commitment towards introduction of MDS courses in this elite institute.

SERVICE INFORMATION

OPD location

Annexed to Emergency building 1st floor adjacent to Dept. of Radiology & Suraksha clinic.
The dental dept requires a larger area beyond the radiation zone as well as out of contaminated environment of the hospitalised patients of NCB (New Casualty Block) Ward blocking the entrance of the department.

OPD attendance

- Yearly total : 18000 (approx.) Old cases : 3700 (approx.) New cases : 14300 (approx.)
- Average daily attendance : 85 (approx.)
- Referrals : 850 (approx.)

Minor oral surgical procedures performed under local anaesthesia

- Surgical removal of impacted third molars (Wisdom tooth)
- Surgical removal of impacted canines
- Removal of periapical lesions.
- Repair of dent alveolar fractures and favourable fractures under L.A and inter-maxillary fixations
- Surgical excisions of oral soft tissue growth (non-malignant)
- 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(intra-alveolar and trans-alveolar) including retained and broken roots
- Endodontic surgeries and periodontal surgeries under LA.

Other procedures performed in the department

- Anterior tooth endodontic treatment (RCT)
- Posterior tooth endodontic treatment (RCT)
- Supra-gingival and sub-gingival calculus removal & management of gum-bleeding
- Selective treatment for mal-aligned and mal-posed teeth (orthodontics)
- Management of different oral mucosal lesions
- Selective grinding / coronoplasty
- Treatment of soft-tissue ulcers of benign nature
- Pre-surgical therapeutic measures in case of kidney transplantation, eye surgery, oral malignancy or cardiac surgery
- Primary level orthodontic treatment
- Restorative services - tooth colored and non-tooth colored restoration of decayed teeth
- Pulp capping therapy

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

Departmental routine

DAY	OPD	MINOR O.T.	Floor (exodontia/endontia/others)
MONDAY	Dr. A. Sengupta	Dr. P Chakraborty / Dr. S. K. Ghosh	Dr. P Chakraborty / Dr. S. K. Ghosh
TUESDAY	Dr. P. Chakraborty	Dr. A. Sengupta	Dr. S. K. Ghosh
WEDNESDAY	Dr. S. K. Ghosh	Dr. P. Chakraborty	Dr. A. Sengupta
THURSDAY	Dr. S. K. Ghosh	Dr. A. Sengupta	Dr. P. Chakraborty
FRIDAY	Dr. P. Chakraborty	Dr. S. K. Ghosh	Dr. A. Sengupta
SATURDAY	Dr. A. Sengupta	–	Dr. P. Chakraborty / Dr. S. K. Ghosh

The department has no beds but provides extensive OPD services. The patients who need indoor treatment are either referred to Dr. R. Ahmed Dental College & Hospital or are managed with co-operation from the Department of Plastic Surgery or ENT.

Performance of the department (01.11.2015 to 30.10.2016)

Type of treatment	No. of cases performed
Routine dental extraction including transalveolar extractions	3250
Root canal treatment (RCT)	130
Restorative services (tooth colored & non-tooth colored)	600 (approx.)
Oral prophylaxis (scaling)	815
Minor oral surgery	580
Biopsy	180
Orthodontic appliances (removable)	15
Other cosmetic build-up of teeth	110
Fixed orthodontic treatment	30

Dermatology

Faculty

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

Post/ Designation

Professor & Head
Professor
Professor
Assistant Professor
RMO cum Clinical Tutor
Senior Resident

Medical Officer

1. Dr. B. Bannerjee
2. Dr. P. Majhi

Medical Officer
Medical Officer

Postgraduate (MD) Trainees

Dr. Neha Sharma Dr. Nirmalya Das Dr. Bidweshwar Verma Dr. Abhijit Chattopadhyay Dr. Abhijit Das	Dr. Vineet Sahu Dr. Nishant Choudhary Dr. Soumya Debta Dr. Abdul Kadar Md. Ajmal Dr. Sulagna Sarkar	Dr. Sonal Bansal Dr. Ashok Kumar Mondal Dr. Debolina Mondal Dr. Gourab Roy
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FACULTY NEWS

Prof. Gobinda Chatterjee

- Nominated as member of New Drug Advisory Committee of Govt. of India.
- Post-graduate examiner of WBUHS, Assam University and Ranchi University.
- MD thesis guide.
- Attended as chairperson in IJD DiamondCon Dermazone East Cuticon 2015 held in Kolkata.
- Attended ACSICON 2016 in Kolkata as faculty
- Attended workshop on "Clinical Trials in India" in Medical College, Kolkata.

Publications

- 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. 2016 Nov 10. doi: 10.1038/jhg.2016.139.
- 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 Sep-Oct;61(5):580. doi: 10.4103/0019-5154.190128.
- Chandra A, Lahiri A, Senapati S, Basu B, Ghosh S, Mukhopadhyay I, Behra A, Sarkar S, Chatterjee G, Chatterjee R. Increased Risk of Psoriasis due to combined effect of HLA-Cw6 and LCE3 risk alleles in Indian population. Sci Rep. 2016 Apr 6;6:24059. doi: 10.1038/srep24059.
- Raj HJ, Majumdar B, Jain A, Maiti PK, Chatterjee G. A Clinico-Mycolological Study on Suspected Cases of Chromoblastomycosis: Challenges in Diagnosis and Management. J Clin Diagn Res. 2015 Dec;9(12):WC01-4. doi: 10.7860/JCDR/2015/16199.6963. Epub 2015 Dec 1.

Prof. Sumit Sen

- Attended Dermazone East – November 2015
- Attended MidDermazone – Bhubaneswar – August 2016
- Attended MidCUTICON – BURDWAN – July 2016
- Post-graduate examiner of WBUHS and Assam University.
- MD thesis guide.
- Thesis Evaluation Committee Chairperson – IADVL-2016.

Publications

- Nevroid Eruptive Keratoacanthoma-Yet another Unusual Manifestation of Generalized Keratoacanthoma. (IJD)
- A clinical rating scale for the assessment of facial aging in Indian population. Sumit Sen, Supriyo Choudhury, Anusree Gangopadhyay, Chinmay Halder, Projna Biswas, Atul Jain. Indian J Dermatol Venereol Leprol. 2016. doi: 25.02.2016:82/2/151-161.
- A study of the free radical scavenging effects of Piper betle leaf extract in patients with vitiligo. Mitra S, Pati AK, Manna A, Ghosh A, Sen S, Chatterjee S, Chatterjee M. Indian J Dermatol Venereol Leprol. 2016 Aug 4. doi: 10.4103/0378-6323.187688.
- CASE REPORT: Malignant eccrine poroma of the vulva: An intriguing case of a rare tumor at an unusual site. Pranshu Mishra, Sumit Sen, Neha Sharma, Debasish Sen. Indian Journal of Dermatology, Year 2016, Volume 61, Issue 4 [p. 430-432.

Dr. B. Naskar

- Attended as participant and chairperson in IJD DiamondCon Dermazone East Cuticon 2015 held in Kolkata.
- 3T plus ETTC Training course in Bioethics for Medical Teachers of Health Sciences, 2016.
- Attended East Zone Dermatosurgery workshop 2016.
- Attended a workshop on medico-legal aspect.
- Postgraduate Examiner of WBUHS
- MD thesis guide.

Publications

- Comparative study of clinical efficacy with Amitriptyline, Pregabalin and Amitriptyline and Pregabalin combination in post herpetic neuralgia. (IJDVL)
- Verrucous hemangioma treated with electrosurgery. (IJD)
- Atopic dermatitis and ABO blood group. (IJD)
- Multiple giant nodular lesions in histoid leprosy- A rare presentation. (IJD).

Dr. Joydeep Singha

- MD Thesis Co-Guide.

Publications

- Superficial basal cell carcinoma on the face- A diagnostic challenge.

Dr. Tirthankar Gayen

- Attended workshop on "Clinical Trials in India" in Medical College, Kolkata.
- Attended "IADVL quiz preliminary round" at CNMC, Kolkata.

Publications

- 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.
- Gayen T, Das A, Shome K, Bandyopadhyay D. Colocalization of lichen planus hypertrophicus and epidermal inclusion cyst: An incident unreported hitherto. Indian J Dermatol 2015;60:503-5.
- Gayen T, Das A, Shome K, Bandyopadhyay D, Das D, Saha A. Granular cell tumor: An uncommon benign neoplasm. Indian J Dermatol 2015;60:322.
- Gayen T, Shome K, Bandyopadhyay D, Roy S, Gharami RC. Secondary syphilid developing over healed lesions of varicella: Wolf's isotopic response?. Indian J Dermatol 2015;60:191-3.

Dr. Ishad Agarwal

- Attended IJD DiamondCon Dermazone East Cuticon 2015 held in Kolkata.
- Attended Dubai Derma conference, 2016.

Publications

- Diagnostic dilemma revealing a rare association of pseudoainhum with underlying vascular anomaly. (Indian journal of Pediatric Dermatology).
- Bullous pemphigoid: clinically presenting as lichen amyloidosis. (Indian journal of Dermatology , venereology and Leprosy).

- Zinc responsive acral hyperkeratosis , a new entity or another subset of other dermatoses. (IJD).

SERVICE INFORMATION

Dermatology OPD: Monday to Saturday

- Leprosy Clinic: Wednesday
- STI (Suraksha Clinic): Monday to Saturday
- OPD Attendance: NEW: 78000 approx. OLD: 32000 approx.
- Indoor Admission: 34
- Deaths 2

Minor surgical procedure 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, Wednesday, Thursday
- CRYOTHERAPY: every fortnight

Total procedures: 3245

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:

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

Transfers and postings

Nil.

FACULTY NEWS

Prof. Subhankar Chowdhury

Guest Lecture

- Diagnosis and updated management of diabetes `: Annual National Conference of doctors, Ordinance Factories, Rifle Factory, Ichhapur, Kolkata.
- Key note addresses`: Annual Conference of Society for Nutrition and Diabetes, Kolkata
- `Hypothyroidism Kaleidoscope` : Annual conference of Endocrine Society of India, (West Bengal Chapter) at Kolkata
- `Diabetes and Cognition` : Annual Conference of Hello Diabetes Academia at Nagpur
- `Beta cell and Diabetes` : Dr. Mohan's International Diabetes Update at Chennai.
- `How to set up an ideal Diabetes Clinic` : Regional round table on non-communicable diseases at Kolkata
- `Silent diabetic nephropathy- Endocrinologist view point` : Annual conference of Indian College of Physicians & API (WB) , Kolkata
- `Primary Immunodeficiency and Endocrine disorders` : Institute of Child Health Kolkata
- `Clinical evaluation of a patient with diabetes ` : National Annual Conference of Endocrine Society of India at Delhi.
- `Comprehensive look at FCPD`. Annual National Conference of Research Society for the Study of Diabetes in India (RSSDI) at Hyderabad
- `Endocrinopathies in Diabetes`: National update on Clinical Diabetes at Bhubaneswar.
- Chairperson
- Seminar on "Advances of diabetes management", Annual conference of IDEA, Kolkata
- Free paper session: International Pituitary Update, organized by IPGME&R Kolkata
- Defeating dementia, Kolkata Metropolitan Institute of Gerontology, Kolkata
- Diet in GDM, on occasion of National Nutrition week NRMCH, Kolkata
- Free paper session. Annual conference of RSSDI Hyderabad

External Examiner

- DM Endocrine exit examination at PGI Chandigarh.

Externally funded projects

- "Study of the association of adiponectin gene polymorphism and level of adiponectin with inflammation and endothelial dysfunction in type 2 diabetes subjects" funded by the Research Society for Study of Diabetes in India.

- "Neck circumference as a predictor of impaired glucose metabolism, body mass index, cardiovascular risk factors and metabolic syndrome in normal, pre-diabetic and diabetic population: a population based observational study" – Funded by Deptt. of Science and Technology, Govt. of West Bengal.
- "Association of gene mutations/ polymorphisms with therapeutic efficacy of metformin in type 2 diabetes mellitus patients of West bengal, India" funded by Department of Biotechnology, Government of India.
- "A pilot study on the Role of Gut Microbiome in Gestational Diabetes Mellitus" funded by Department of Biotechnology, Government of West Bengal.

Prof. Satinath Mukhopadhyay

Conferences attended

- Annual conference of the Endocrine Society of India, New Delhi
- Annual conference of the Research Society for the study of diabetes in India, Hyderabad
- National update on clinical diabetes, Bhubaneswar
- North Eastern Diabetes Conference, Guwahati
- Pituitary update, Endocrine Society of Bengal, Kolkata
- Annual conference of the Integrated Diabetes and Endocrine academy, Kolkata
- Annual conference of the Indian Society for Bone Mineral Research, CMC, Vellore
- Annual conference of the API, West Bengal branch, Kolkata
- Annual conference of the API, North Bengal chapter, Siliguri

WORKSHOPS:

- Awareness and training on "Pharmacovigilance"- 9 December, IPGME&R, Kolkata
- ICMR sponsored workshop on 'disease burden estimates for diabetes in India', 5 September, 2016, New Delhi, India
- UNESCO sponsored "3T Plus ETTC training course in Bioethics", 21-23 January, 2016, Kolkata, India.
- UNESCO sponsored "3T IBHSc advanced Bioethics course", 2 November, Kolkata, India.

Guest Speaker

- Vitamin D deficiency and insulin resistance. At the North Eastern Diabetes Conference, Guwahati.
- Practical aspects of insulin therapy. At the National update on clinical diabetes, Bhubaneswar.
- Immunometabolic dysfunction and insulin resistance. At the Annual conference of the Research Society for the study of diabetes in India, Hyderabad.
- Post transplant osteoporosis. At the Annual conference of the Indian Society for Bone Mineral Research, CMC, Vellore.
- Renal glucose handling: what goes wrong in type2 diabetes? At the Annual conference of the API, North Bengal chapter, Siliguri
- Role of Saroglitazar, hydroxychloroquine and Bromocriptin in the treatment of type2 diabetes. At the Annual conference of the Endocrine Society of India, New Delhi.
- Vitamin D deficiency: pathophysiologic consequences. Guest lecture at the Annual Conference of the Indian Physiological Society, KPC Medical College, Kolkata, India.

Current affiliations

- Guest faculty: Department of Biotechnology, St. Xavier's College, Kolkata, India.
- Chairman, Human Ethics Committee, Indian Institute of Chemical Biology, Kolkata, India
- Governing Council Member, CSIR IICB Translational Research Unit of Excellence incubation Center, Government of India.

Examiner

- DM Endocrinology (Exit exam), Department of Endocrinology & Metabolism, Christian Medical College, Vellore.
- Overseas Medical Graduates Registration Examination, National Board of Examinations, India.

Health Camp

- Saw 55 diabetic patients at a health camp at Math Bishnupur, Panskura, East Midnapore, West Bengal.

PhD Guide

- Vitamin-D Deficiency and Insulin Resistance: Molecular Mechanisms and Clinical Implications. Under University of Calcutta
- Lipid induced insulin resistance: molecular mechanisms. Under University of Calcutta.
- Role of black tea polyphenols on glucose and lipid uptake in diabetes. Under University of Calcutta
- Effects of L-theanine on insulin secretion and insulin sensitivity in type-2 diabetes. Under University of Calcutta

PhD Co-guide

- "Inositol phospholipid signaling in apoptotic death of insulin producing beta cells leading to diabetes". In collaboration with the Department of Biochemistry, Ballygunge Science College, University of Calcutta.
- "Molecular characterization of initial events during apoptosis of pancreatic beta cells and isolated rat islets upon treatment with cytokines (TNF- alpha etc.) and streptozotocin, which create diabetic animal models". In collaboration with the Department of Biochemistry, Ballygunge Science College, University of Calcutta.
- "Metal dysregulation in pathogenesis of Alzheimer's disease : An experimental studies in rat brain and cultured mammalian SHSY5Y cells." In collaboration with the Department of Biochemistry, Ballygunge Science College, University of Calcutta.

Other ongoing research projects

- Consequence of vitamin-D supplementation on changes in systemic inflammatory markers, insulin resistance, 1-hour plasma glucose levels and progression to overt diabetes in patients of pre-diabetes with vitamin-D deficiency: A randomized controlled trial. Funded by the Department of Science and Technology, Government of West Bengal.
- Role of black tea derived polyphenols on glucose and lipid uptake by peripheral blood mononuclear cells (PBMC) from individuals with glucose intolerance. Funded by the National Tea Research Foundation (NTRF), Government of India.
- Role of biofilm formation on healing of diabetic foot ulcers. In collaboration with the Biomedical Genomics Centre, Kolkata.
- Micro RNA profiling in diabetic peripheral neuropathy.
- DPP-IV concentration and activity in serum and adipose tissue in persons with type2 Diabetes. In collaboration with the Division of cellular physiology, Indian Institute of Chemical Biology, Kolkata, India.
- Role of thioredoxin binding protein-1 in glucose and lipid uptake by adipose tissue and skeletal muscles in high fat diet induced diabetic mice. In collaboration with the Division of cellular physiology, Indian Institute of Chemical Biology, Kolkata, India.
- Lipid-induced LRAT interferes with retinol metabolism and β -oxidation through PPAR α leading to hepatic steatosis and insulin resistance. In collaboration with the Division of cellular physiology, Indian Institute of Chemical Biology, Kolkata, India.

Book chapter

- Satinath Mukhopadhyay, Samim A Mondal, Deep Dutta. Immunometabolic dysfunction and insulin resistance. RSSDI Diabetes Update, Jaypee Brothers Medical Publishers (P) Ltd. Chapter 6, page: 24-26. 2016.

Dr. Pradip Mukhopadhyay

Project by WB DST

- A study to compare and correlate the metabolic health (anthropologic and biochemical) between Scheduled Tribe population and non Scheduled Tribe population in underdeveloped parts in the District of Birbhum with special reference to metabolic health awareness especially about diabetes: a population based observational study. Being carried in the District of Birbhum

Guest Lecture

- Premixed Insulin Analogue by Annual conference by RSSDI West Bengal Chapter Held at Novotel Kolkata

Thesis Guide

- Endocrine Changes via thalassemia with special reference to puberta Changes. By Dr Dipanjan Chakrabarty. PDT Clinical Hematology. Paper presented at 9th Annual Sick Cell and Thalassemia Advanced Conference 7 – 9 October 2015. London
- Pregnancy and Thyroid function: An eastern India Perspective by Dr Subhadip Pramanik.

Dr. Dibakar Biswas

Conferences attended

- Best of ADA, Kolkata 2016
- Pituitary Update organized by IPGME&R, Kolkata

Dr. Rana Bhattacharjee**Guest Lecture**

- Role of Sulfonylureas in Management of Type 2 Diabetes: International Masterclass organized by Royal College of Physicians of Ireland – 24th January 2016
- Managing Dyslipidemia: organized by Association of Physicians of India at RG Kar Medical College – 18th February 2016
- Haven't gliptins met the expectations? Diabetes and Thyroid Meet organized by RSSDI WB Chapter and Endocrine society of Bengal – 13th March 2016
- HIV Endocrinopathy: Organised by Association of Physicians of India, North Bengal at Siliguri – 18th June 2016
- Cardiovascular Safety of Sulfonylureas: organized by IMA Howrah – 9th July 2016
- Debate on Early Insulinisation: Insulin Discovery day celebration by Diabetic Association of India, WB – 30th July 2016
- Diagnosis and Monitoring of Diabetes: Diabetes Conclave Organised by Association of Physicians of India, WB Branch – 20th August 2016
- Gender Reaffirmation - Endocrinologist's Role: State conference of Indian Psychiatric Association, WB Branch- 21st August, 2016
- Magnitude and Skeletal Implication of Vitamin D Deficiency: National Nutrition Week Celebration by Diabetic Association of India, WB – 2nd September, 2016
- Endocrine Emergencies: State conference of Indian association of Clinical Medicine WB Chapter – 11th September 2016
- Diabetes Dyslipidemia – Management Aspects: State conference of Association of Physicians of India, WB Branch – 30th September 2016
- Using basal Insulin in clinical practice: Sikkim Manipal University – 5th November 2016.

Conferences attended

- ESICON 2016 at New Delhi
- IACM State Conference, Kolkata
- API State Conference, Kolkata
- Pituitary Update organized by IPGME&R Kolkata
- Diabetes and Thyroid Meet at Kolkata organized by RSSDI WB Chapter and Endocrine society of Bengal

Dr. Arijit Singha**Conferences attended:**

- Pituitary Update organized by IPGME&R Kolkata
- Best of ADA Kolkata 2016

DEPARTMENTAL PUBLICATIONS

1. Selvan C, Dutta D, Thukral A, Nargis T, Kumar M, Mukhopadhyay S, Chowdhury S. Neck height ratio is an important predictor of metabolic syndrome among Asian Indians. *Indian J EndocrinolMetab.* 2016 Nov-Dec;20(6):831-837. PubMed PMID: 27867888.
2. Chakraborty PP, Bhattacharjee R, Roy A, Mukhopadhyay S, Chowdhury S. Male Factor Infertility: Clues to Diagnose 46, XX Male. *J ObstetGynaecol India.* 2016 Oct;66(Suppl 2):662-665. PubMed PMID: 27803538; PubMed Central PMCID: PMC5080238.
3. Chakraborty PP, Patra S, Biswas SN, Santra G, Mukhopadhyay S, Chowdhury S. Clinical and Roentgenological Profiles of Five Patterns of Charcot Foot in Diabetes: A Case Series. *Clin Diabetes.* 2016 Oct;34(4):207-210. PubMed PMID: 27766013; PubMed Central PMCID: PMC5070588.
4. Agarwal S, Chattopadhyay M, Mukherjee S, Dasgupta S, Mukhopadhyay S, Bhattacharya S. Fetuin-A downregulates adiponectin through Wnt-PPAR γ pathway in lipid induced inflamed adipocyte. *BiochimBiophysActa.*

2016 Oct 6;1863(1):174-181. doi: 10.1016/j.bbdis.2016.10.002. [Epub ahead of print] PubMed PMID: 27720679.

5. Mandala A, Das N, Bhattacharjee S, Mukherjee B, Mukhopadhyay S, Roy SS. Thioredoxin interacting protein mediates lipid-induced impairment of glucose uptake in skeletal muscle. *BiochemBiophys Res Commun.* 2016 Oct 28;479(4):933-939. doi: 10.1016/j.bbrc.2016.09.168. PubMed PMID: 27702549.
6. Ghosh AR, Bhattacharya R, Bhattacharya S, Nargis T, Rahaman O, Duttagupta P, Raychaudhuri D, Chen Liu CS, Roy S, Ghosh P, Khanna S, Chaudhuri T, Tantia O, Haak S, Bandyopadhyay S, Mukhopadhyay S, Chakrabarti P, Ganguly D. Adipose Recruitment and Activation of Plasmacytoid Dendritic Cells Fuel Metaflammation. *Diabetes.* 2016 Aug 25. pii: db160331.
7. Singha A, Saha S, Bhattacharjee R, Mondal S, Choudhuri S, Biswas D, Das SK, Ghosh S, Mukhopadhyay S, Chowdhury S. Deterioration Of Ovarian Function After Total Abdominal Hysterectomy With Preservation Of Ovaries. *Endocrine Pract.* 2016 Aug 19. [Epub ahead of print] PubMed PMID: 27540878.
8. Chaudhary S, Dutta D, Kumar M, Saha S, Mondal SA, Kumar A, Mukhopadhyay S. Vitamin D supplementation reduces thyroid peroxidase antibody levels in patients with autoimmune thyroid disease: An open-labeled randomized controlled trial. *Indian J EndocrinolMetab.* 2016 May-Jun;20(3):391-8. doi: 10.4103/2230-8210.179997.
9. Dutta D, Mukhopadhyay S. Intervening at prediabetes stage is critical to controlling the diabetes epidemic among Asian Indians. *Indian J Med Res.* 2016 Apr;143(4):401-4. doi: 10.4103/0971-5916.184281
10. Mandal K, Ray S, Saxena D, Srivastava P, Moirangthem A, Ranganath P, Gupta N, Mukhopadhyay S, Kabra M, Phadke SR. Pycnodysostosis: mutation spectrum in five unrelated Indian children. *ClinDysmorphol.* 2016 Apr 18. [Epub ahead of print] .
11. Chakraborty PP, Datta S, Mukhopadhyay S, Chowdhury S. Pseudoacromegaly in congenital generalisedlipodystrophy (Berardinelli-Seip syndrome). *BMJ Case Rep.* 2016 Apr 11;2016. pii: bcr2016214493. doi: 10.1136/bcr-2016-214493
12. Gupta R, Bhar K, Sen N, Bhowmick D, Mukhopadhyay S, Panda K, Siddhanta A. mRNA and Protein levels of rat pancreas specific protein disulphideisomerase are downregulated during Hyperglycemia. *Indian J Exp Biol.* 2016 Feb;54(2):100-7.
13. Chakraborty PP, Bhattacharjee R, Mukhopadhyay S, Chowdhury S. 'Rachitic rosary sign' and 'tie sign' of the sternum in tumour-induced osteomalacia. *BMJ Case Rep.* 2016 Feb 23;2016. pii: bcr2016214766. doi: 10.1136/bcr-2016-214766.
14. Chakraborty PP, Bhattacharjee R, Mukhopadhyay S, Chowdhury S. *BMJ Case Rep.* 2016 Feb 17;2016. pii: bcr2016214624. doi: 10.1136/bcr-2016-214624.
15. Mukhopadhyay S, Bhattacharya S. Plasma fetuin-A triggers inflammatory changes in macrophages and adipocytes by acting as an adaptor protein between NEFA and TLR-4. *Diabetologia.* 2016 Apr;59(4):859-60. doi: 10.1007/s00125-016-3866-y. Epub 2016 Jan 18.
16. Dutta D, Selvan C, MukhopadhyayS. Multiple Pituitary Hormone Deficiency, Empty Sella and Ectopic Neurohypophysis in Turner Syndrome. *IndianPediatr.* 2015 Sep;52(9):803-4.
17. Profile of liver enzymes in non-alcoholic fatty liver disease in patients with impaired glucose tolerance and newly detected untreated type 2 diabetes. *DebmalyaSanyal, Pradip Mukherjee, MoutusiRaychaudhuri, Sujoy Ghosh, SatinathMukherjee,Subhankar Chowdhury .Indian Journal of Endocrinology and Metabolism / Sep-Oct 2015 / Vol 19 | Issue 5*
18. Diabetes and Primary Infertility in Young Males: Do Not Forget Cystic Fibrosis. *ParthaPratimChakraborty, Sayantan Ray, Rana Bhattacharjee, Sujoy Ghosh, PradipMukhopadhyay, SatinathMukhopadhyay, Subhankar Chowdhury. Clinical Diabetes journals. VOLUME 33,NUMBER 2, SPRING 2015*
19. First Presentation of Diabetes as Diabetic Ketoacidosis in a Case of Friedreich's Ataxia .*ParthaPratimChakraborty, Sayantan Ray, Rana Bhattacharjee, Sujoy Ghosh, PradipMukhopadhyay, SatinathMukhopadhyay, and Subhankar Chowdhury Clinical Diabetes journals. VOLUME 33,NUMBER 2, SPRING 2015*
20. Glycaemic control using different regimens of intermediate- and short-acting insulin in childhood type 1 diabetes mellitus: an experience from a tertiary care centre. *ArijitSingha, Beatrice M. Anne ,Sumit Kumar Chakrabarti, Sujoy Ghosh, Subhankar Chowdhury, Rana Bhattacharya. International Journal of Diabetes in Developing Countries. pp 1-6 First online: 06 June 2016. DOI 10.1007/s13410-016-0509-2*
21. Blount's disease: a rickets mimicker. *Rana Bhattacharjee, ParthaPratimChakraborty, Ajitesh Roy, Sugata Narayan Biswas. BMJ Case Rep 2016. doi:10.1136/bcr-2016-215682*

22. Houssay phenomenon – hypopituitarism leading to remission of diabetes. SubhodipPramanik ,Rana Bhattacharjee, PradipMukhopadhyay, Sujoy Ghosh. Clinical Medicine 2016; 16 (3): 294–6
23. Abdominal pseudohermia: a manifestation of diabetic truncalradiculoneuropathy. ParthaPratimChakraborty, ArijitSingha, Rana Bhattacharjee, Subhankar Chowdhury. BMJ Case Rep 2016. doi:10.1136/bcr-2016-215605
24. Inter-patient Variability in Clinical Efficacy of Metformin in Type 2 Diabetes Mellitus Patients in West Bengal, India. BiswabandhuBankura, Madhusudan Das, Arup Kumar Pattanayak, BidishaAdhikary, Rana Bhattacharjee, SoumikGoswami, Subhankar Chowdhury, Ajitesh Roy. Journal of Metabolic Syndrome. 2016, 5:2
25. Bilateral adrenal myelolipoma in Cushing’s disease: a relook into the role of corticotropin in adrenal tumourigenesis. ParthaPratimChakraborty, Rana Bhattacharjee, PradipMukhopadhyay, Subhankar Chowdhury. BMJ Case Rep 2016. doi:10.1136/bcr-2016-214965.
26. A young woman with oligomenorhea and dysphagia. Singha A, Biswas D, Patil M. Eur J Intern Med. 2016 Aug 20. pii: S0953-6205(16)30249-7. doi: 10.1016/j.ejim.2016.08.009. [Epub ahead of print]
27. Concurrence of Lipoatrophy and Lipohypertrophy in Children With Type 1 Diabetes Using Recombinant Human Insulin: Two Case Reports. Singha A, Bhattacharjee R, Ghosh S, Chakrabarti SK, Baidya A, Chowdhury S. Clin Diabetes. 2016 Jan;34(1):51-3. doi: 10.2337/diaclin.34.1.51
28. Oxygen-18 isotope of breath CO2 linking to erythrocytes carbonic anhydrase activity: a biomarker for pre-diabetes and type 2 diabetes. Chiranjit Ghosh, GourabD.Banik, AbhijitMaity, SumanSom, ArpitaChakraborty, ChitraSelvan, Shibendu Ghosh, Subhankar Chowdhury and Manik Pradhan. Published in Scientific Reports, 5:8137, DOI: 10.1038/srep08137, 30Jan2015
29. Practical approaches for self-monitoring of blood glucose: an Asia-Pacific perspective.Subhankar Chowdhury, LinongJi, Sompongse Suwanwalaikorn, Neng-Chun Yu, EngKiatTan.Published in CMRO, Current Medical Research &Opinion, Vol.31, No.3, 2015, 461-476.
30. Place of sulfonylureas in the management of type 2 diabetes mellitus in South Asia : A consensus statement Sanjay Kalra, A.H. Aamir, Abbas Raza, A.K. Das, A.K. Azad Khan, Dina Shrestha, Md Faisal Qureshi, Md. Fariduddin, Md. Faruque Pathan, FatemaJawad,JyotiBhattarai, Nikhil Tandon, Noel Somasundaram, Prasad Katulanda, Rakesh Sahay, Sanjib Dhungel, Sarita Bajaj, Subhankar Chowdhury, Sujoy Ghosh, S.V. Madhu, Tofail Ahmed, Uditha Bulughapitiya. Indian Journal of Endocrinology and Metabolism /Sep-Oct 2015/Vol 19/Issue5/577-596
31. The Importance of Non High Density Lipoprotein Cholesterol in Dyslipidaemia Management SubhankarChowdhury,Jyothi Raman Chowdhury and SoumikGoswami.Journal of Diabetes and Metabolism, ISSN:2155-6156 JDM, Vol06/Issue11/1000623,Published 18Nov2015.
32. Oxidative stress in hypothyroid patients and the role of antioxidant supplementation, Sumit Kumar Chakrabarti,SujoyGhosh,SandipBanerjee,SatinathMukherjee,SubhankarChowdhury.Indian Journal of Endocrinology and Metabolism, Sep-Oct 2016/Vol 20/Issue 5,674-678
33. Evaluation of Serum Creatinine, EGFR and Insulin-like Growth Factor 1 in Hypothyroid subjects before and after L-Thyroxine replacement, TrinanjanSanyal, Sujoy Ghosh and SubhankarChowdhury.European Journal of Biomedical and Pharmaceutical sciences, 2016, ISSN2349-8870, Volume:3 Issue:7, 313-316.
34. Clinical and Roentgenological Profiles of Five Patterns of Charcot foot in Diabetes: A case series , ParthaP.Chakraborty, ShinjanPatra, SugataN.Biswas, GourangaSantra, SatinathMukhopadhyay and Subhankar Chowdhury. American Diabetes Association, Volume 34, Number 4, Fall 2016, 207-210.
35. A novel sensor to estimate the prevalence of hypochlorous (HOCl) toxicity in individuals with type 2 diabetes and dyslipidemia. Kakali Ghoshal, Sangita Das, Krishnendu Aich, Shyamaprosad Goswami, Subhankar Chowdhury, Maitree Bhattacharyya. Clinica Chimica Acta 458(2016)144-153, <http://dx.doi.org/10.1016/j.cca2016.05.006>.
36. Prevalence of hypothyroidism in Kolkata : An epidemiological pilot study. SoumikGoswami, Uttio Gupta, NilanjanSengupta, Subhankar Chowdhury, Pranab Kumar Sahana, Varun Sharma. Indian Journal of Basic and Applied Medical Research; Mar2016: Vol5, Issue 2, P 370-373.
37. Prevalence of hypothyroidism in pregnancy: An epidemiological study from 11 cities in 09 states of India Dinesh Kumar Dhanwal,SaritaBajaj,RajeshRajput,K.A.V.Subramaniam,SubhankarChowdhury,RajendraBhandari,MalaDharmalingam,RakeshSahay,AshrafGanie, Narendra Kotwal, Usha Shriram. Indian Journal of Endocrinology and Metabolism, Vol. 20, No. 3, May-June 2016, pp. 387-390.

38. Bilateral breast enlargement in a chronic alcoholic: do not miss Madelung's disease, Sayantan Ray, Partha Pratim Chakraborty, SubhodipPramanik, Subhankar Chowdhury. Ray S,etal.BMJ Case Rep 2016,doi:10.1136/bcr-2016-215082, Accepted 21April2016

STUDENT INFORMATION

Dr. Saurava Bhatt, Dr. Sunetra Mondal, Dr. Neha Agrawal, Dr. Debarati Bhar, Dr. Soumita Momdal, Dr, Suvrendu Sekhar Kar joined as new post-doctoral trainees.

Departmental academic activity

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

SERVICE INFORMATION

Patient attendance

Out Patients: Diabetic OPD (Wednesday, Thursday & Saturday)	New Patients: 13336 Old Patients: 52940
Endocrine OPD (Monday, Tuesday & Friday)	New Patients: 7142 Old Patients: 18584
In Patients: Diabetological Problems	72
Other endocrinological problems	59

Laboratory information

Following hormone assays were carried out in the past 1 year (01.01.2015 – 15.12.2016)

Test	Count	Test	Count	Test	Count
T3	229	Prolactin	196	PSA	84
T4	845	Testosterone	328	ACTH	163
FT3	747	Cortisol	545	IGF-1	231
FT4	5142	Insulin	307	C-peptide	165
TSH	5815	GH	60	IGF BP3	28
Thyroglobulin	55	Anti TPO Ab	458	TG	79
LH	331	Anti TG Ab	28	iPTH	52
FSH	420	Androstenedione	14	Estradiol	41
SHBG	84	DHEASO4	54		

Total Tests done 16,422

Total Patients 9,851

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

Dr. Biswanath Saren and Dr. Jagadish Biswas, Demonstrators, have been transferred out of the department.

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 2016 | 2135 |
| • No. of age estimation Cases done in 2016 | 62 |
| • No. of sexual assault cases examined in 2016 | 90 (Male 40, Female 50) |

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 11th February 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 only in a very few institutions in India at present. This Department was the 3rd one in India (after AIIMS, New Delhi and Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram and the 1st one in Eastern India to start an independent Department as well as conducting the 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. Chaitali Sen (Dasgupta), MD (AIIMS). DNB. DM (AIIMS), MNAMS	Professor & Head
Dr. Kakali Ghosh MD, DM (WBUHS), FIACFA	Assistant Professor
Dr. Sandeep Kumar Kar, MD	Assistant Professor
Dr. Asit Munsri, DA	Medical Officer

Posts vacant

- Professor: One
- 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 6 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

Current post-doctoral trainees (DM Cardiac Anaesthesiology)

- Dr. Tanmoy Ganguly, MD, Second year DM Post Doctoral Trainee

- Dr. Soumi Das, MD, Second year DM Post Doctoral Trainee
- Dr. Harneet Singh Khurana MD, First year DM Post Doctoral Trainee
- Dr. Sushmit Kamat, DA, DNB, First year DM Post Doctoral Trainee
- Dr Neeta Basak, MD, First year DM Post Doctoral Trainee

One seat vacant in current session

Achievement of faculty postdoctoral trainees

1. Dr Chaitali Sen achieved MNAMS from National Board of Examinations.
2. Dr Kakali Ghosh passed the FIACTA Examination after her DM examination. She also successfully completed her 15 days observership in Narayana Hudalaya Hospital, Bengaluru.
3. Dr Monalisa Datta was selected for one month IACTA Travelling Grant Fellowship within India and she successfully completed observership in Narayana Hrudalaya Hospital, Bengaluru.
4. Dr Jyotiranjana Parida successfully completed his 15 days observership in Narayana Hudalaya Hospital, Bengaluru.
5. Dr Somnath Dey successfully completed his 30 days observership in PGI, Chandigarh.
6. Dr Anusuya Banerjee and Dr Dipanwita Das successfully completed their 15 days Observership in AIIMS, New Delhi.
7. Dr Soumi Das successfully completed 30 days Observership in Sree Chitra Tirunal Institute for Medical Sciences and Technology
8. Dr Kakali Ghosh, Dr Monalisa Datta, Dr Jyotiranjana Parida, Dr Somnath Dey, Dr Anusuya Banerjee, Dr Dipanwita Das, Dr Tanmoy Ganguly, Dr Soumi Das, Dr Harneet Singh Khurana and Dr Sushmit Kamat have successfully completed their seven days hands on training and workshop on Trans-Esophageal Echocardiography in Narayana Hudalaya Hospital, Bengaluru.
9. Dr Kakali Ghosh, Dr Monalisa Datta, Dr Jyotiranjana Parida, Dr Somnath Dey, Dr Anusuya Banerjee, Dr Dipanwita Das, Dr Tanmoy Ganguly, Dr Soumi Das, Dr Harneet Singh Khurana and Dr Sushmit Kamat have successfully completed their two months training and workshop on Trans-Thoracic Echocardiography in Cardiology Department in I.P.G.M.E &R, Kolkata.

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 presenter 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, IPGIMER 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. CTVC 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 moth 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. Chaitali Sen (Dasgupta)

- Professor & Head of the Department
- 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 ACTA WB Annual conference held in May 2015 and 2016
- Course Coordinator of CTVAC 2015-2016
- Served as Scientific Secretary of Indian Society of Anaesthesiologists West Bengal Branch
- Served as Scientific Secretary of Association of Cardio Thoracic Anaesthesiologists, West Bengal
- Vice President of Association of Cardio Thoracic Anaesthesiologists, West Bengal
- Examiner for DM Cardiac Anaesthesiology under West Bengal University of Health Sciences in 2016

Dr. Kakali Ghosh

- Co -Guide of two Postgraduate Trainees in MD Anesthesiology.
- Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesiology students

Dr. Sandeep Kumar Kar

- Co Guide of two Postgraduate Trainees in MD Anaesthesia
- Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesiology students.
- Editor of insights of blood pressure
- Editor of journal of neurosurgery Imed pub indexed in scopus
- Editor of interventional Cardiology
- Editor in Chief Journal of Heart Care: Lawrence Press U.S.A.
- Editorial Board of International Archives of Medicine indexed in scopus
- Editor Translational Biomedicine indexed in scopus
- Editorial Board Member Biotechnology & Biomaterials.
- Editorial Board Member of International Journal of Neurorehabilitation.
- 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 of Epilepsy Journal.
- Editorial Board Member Bioequivalence & Bioavailability.
- Editorial board member. Affiliation: Bioanalysis and Biomedicine
- Editorial Board Member of the Prestigious Clinical and Experimental Cardiology.
- Editorial Board Member of American Research Journal of Cardiovascular Diseases.
- Associate Editor Journal of Anesthesia & Critical Care

Publications from the Department from November 30, 2015 to November 30, 2016

1. 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-December 2016.
2. 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 09/2016; Volume 7(issue 9). DOI:10.4172/2155-9880.1000e146
3. 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 05/2016; volume 8(issue 3). DOI:10.4172/1948-593X.1000150
4. Sandeep Kumar Kar, Dipanwita Das, Chaitali Sen Dasgupta: Post Balloon Stent Right Coronary Artery Aneurysm: Cardiologist's Nightmare.
5. Sandeep Kumar Kar: Post-operative Delirium after Cardiac Surgery: Can it be Prevented? Editorial. Journal of Epilepsy 04/2016; 2(2). DOI:10.4172/elj.1000e007
6. Sandeep Kumar Kar: Atrial Fibrillation: Paradigm Shift in Concept Leading to Change in Treatment Strategies in the Developing World.
7. Sandeep Kumar Kar: The Human Microbiome Concept of Disease Prevention and Treatment: A Giant Leap in Medical Genetics.
8. Sandeep Kumar Kar, Deepanwita Das, Chaitali Sen Dasgupta: Complication of Coronary Angioplasty; leading to Surgical Emergency: A Case Report. International Cardiovascular Research Journal 03/2016; Volume 5(issue 2). DOI:10.4172/2324-8602.1000260
9. Sandeep Kumar Kar: Social Conditions and Compromises done by Anesthesiologists in India.. Diversity and Equality in Health and Care 03/2016; Volume 13(Issue 2).
10. Sandeep Kumar Kar: Challenges of Percutaneous Balloon Mitral Valvuloplasty in Paediatric Patients with Mitral Stenosis: A Case Report. Translational Biomedicine 02/2016; Volume 7(1). DOI:10.21767/2172-0479.100042
11. Sandeep Kumar Kar, Dipanwita Das, Chaitali Sen Dasgupta: Cardiovascular 2016 Cardiovascular Medicine Dislodgement of coronary stent-balloon catheter before deployment during percutaneous coronary angioplasty.
12. Sandeep Kumar Kar, Tanmoy Ganguly, Swarnali Dasgupta, Manasij Mitra, Riju Bhattacharya: Pericardial Cyst: A Review of Historical Perspective and Current Concept of Diagnosis and Management. Interventional Cardiology 12/2015; Volume 1(issue 8).
13. Sandeep Kumar Kar, Deepanwita Das, Chaitali Sen Dasgupta: Recurrent Fibrosarcoma Protuberans of Anterior Chest and Abdominal Wall. A Rare Case Report. Archives of Medicine 12/2015; Volume 8(issue 1).
14. Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali Sen Dasgupta, Anupam Goswami: Preoperative Anxiety in Pediatric Population: Anesthesiologist's Nightmare. Translational Biomedicine 12/2015; VOL 6(no 4). DOI:10.21767/2172-0479.100030
15. Sandeep Kumar Kar: Translational Biomedicine: The Future of Modern Internal Medicine. Translational Biomedicine 12/2015; Volume 6(NO 4). DOI:10.21767/2172-0479.100036
16. Deepanwita Das, Chaitali Sen, Anupam Goswami; Effect of Vitamin C on adrenal suppression by etomidate induction in patients undergoing cardiac surgery: A randomized controlled trial, Annals of Cardiac Anaesthesia 2016: 19 ; 3.

SERVICE INFORMATION

Number of procedures done by this department in different operating rooms

Month	Elective Surgery				Emergency Surgery	Cath Lab	OPD Cases	Total
	Cardiac Surgery With CPB	Cardiac Surgery Without CPB	Thoracic Surgery	Other Surgeries				
January	39	16	10	12	05	08	07	97
February	43	11	04	15	06	12	03	94
March	36	25	10	08	08	05	10	102
April	37	20	10	06	03	07	02	85
May	32	27	02	18	08	11	02	100
June	37	24	09	04	11	10	05	100
July	41	14	10	07	06	09	08	97
August	40	22	10	13	10	11	10	116
September	40	24	09	03	05	11	07	99
October	25	12	06	13	09	03	03	71
Total cases from January 2016 to October 2016								961

Apart from routine Anaesthesia works in CTVS OT, the Department

- Runs PAC Clinic 3 days in a week: Monday & Wednesday: 2PM to 4PM , 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

STAFF

Faculty	Qualification	Designation
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 & MAPHRS	Assistant Professor
Dr. Bhuvan Majhi	MD, DM	Assistant Professor
Dr. Asit Das	MD. DNB	RMO-cum-Clinical Tuto
Dr. Arindam Maitra	MD, DM	RMO-cum-Clinical Tutor
Dr. Niloy Banerjee	MD	RMO-cum-Clinical Tutor

Post-doctoral trainees

2014 – 2017	2015 – 2018	2013 – 2016
Dr. Priyanka Mandal Dr. Amit Kumar Jha Dr. Prashant Kumar Dr. Anurag Passi Dr. Somnath Mukherjee Dr. Kaushik Paul Dr. Atindranath Bandyopadhyay Dr. Tusharkanti Patra Dr. Gouranga Sarkar	Dr. Pulakesh Sinha Dr. Soumya Kanti Dutta Dr. Ashesh Halder Dr. Suman Chatterjee Dr. Soumik Ghosh Dr. Apurba Bikash Pramanick Dr. Samir Kumar Roy Dr. Avijit Moullick Dr. Soumyajit Ghosh	Dr. Sudip Kumar Ghosh Dr. Sudeb Mukherjee Dr. Anindya Sarkar Dr. Rakesh Agarwal Dr. Aniruddha Mandal Dr. Sandipta Ray Dr. Aditya Verma

FACULTY NEWS

Prof. Sankar Chandra Mandal

Continues as fellow.

- American College of Cardiology.
- European Society of Cardiology (ESC).
- Executive member C.S.I W.B. branch.

Attended as faculty

- ESC.
- Euro PCR.
- American college of cardiology extended learning (ACCEL).
- India Live 2016
- CSI.

Publications

- A simple method of Bachman bundle pacing with indigenous modification of the stellate. Indian heart journal 2016 (September-October).
- Review article. Physiological cardiac pacing: current status. July-August 2016 Indian heart Journal

Prof. D. P. Sinha

- Abstracts selected for e-moderated poster presentation at 68th Annual Conference CSI Kochi-2016.
- A study to assess frequency of peripheral arterial disease in patients presenting with acute coronary syndrome". Presenter: Dr. Somnath Mukherjee, Guide: Prof D.P sinha
- Assessment of right ventricular function by newer imaging in echocardiography in idiopathic pulmonary arterial hypertension". Presenter: Dr. Priyanka Mandal, Guide: Prof D.P Sinha.

Dr. Saroj Mandal

- Organizing secretary of Society for cardiac intervention 2016 (September 10-11 at ITC Kolkata).

- Delivered talk on "Advancement in bradycardia management"- at international conference of Indian college of Physicians and 23rd annual conference of API West Bengal branch in association with Royal college physicians of Ireland and South East Asian countries 30th September-2nd October 2016.
- Ad-hoc Angioplasty should we continue or discard? At EIICCON 2016 organized by CSI west Bengal branch held on 25th and 26th June at hotel ITC Sonar, Kolkata.
- Intervention Focused talk-role of thrombus aspiration or Thrombectomy- Cardiology Society of India February 2016 Chennai.
- Contrast induced nephropathy- how to minimize it (WBCSI 2016).
- Has been invited as an faculty and moderator of a live case session on bifurcation stenting at India Live 2016 26th-28th Feb New Delhi and perform CD presentation of a case of left Subclavian vein stenting in a patient of CRF with left upper limb edema and arterio-venous block.
- Has been invited as an international faculty and moderator of 2 live case sessions on BVS in Bifurcation stenting and complex PCI in NIC-midterm 2016 at Hyderabad and perform 2 CD presentation of Double-trouble-nightmare in cathlab CTO intervention in a young APLA patient-national intervention Council midterm meet April Hyderabad.
- Moderator: Emerging therapy of atherogenic dyslipidemia: Indian perspective and research.
- Cardio-Diabetology Summit 2016. Auditorium-R G Kar Medical College, Kolkata 18th Feb 2016
- Editorial contribution-editor: interventional cardiology updates 2016
- Chapter contribution in books: interventional cardiology updates 2016
 - I) How do I do it: coronary sinus cannulation, II) How do I do it: perform a trans-septal puncture,
 - III) Bypass graft intervention IV) LMCA stenting V) Mitraclip VI) advances IN CARDIOLOGY.
 - MI AND STROKE: How to tackle the deadly duo: Cardiology Society of India –Cardiology update 301-305.
- Other publications
 - Complete heart block and pregnancy outcome: an analysis from Eastern India, SOJ journal of Gynecology, Obstetrics and Women's health. DOI://DX.doi.org/10.15226/2381-2915/1/1/00104. S Mandal, D mandal, A sarkar, J Biswas, M Panja.2015.
 - Maternal mortality with cardiac disease in women: a case control study from Eastern India, Int J of Recent Scientific Research 2016; 7(5) Pubmed indexed. D.Mandal, G Bhatt, S Mandal, B Ghosh et al.
 - Prevalence of vitamin D and its cut off level predicting the adverse pregnancy outcome. Int J of recent Scientific Research 2016; 7(5) Pubmed indexed, D Mandal, G Bhatt, S Mandal, B Ghosh et al.
 - A rare presentation of mitral stenosis, Scholars J Med Case TRep 2016; 4 (7):484-486, Saroj Mandal, Souvik Kanjila, Subhranshu Chatterjee.
 - E-poster presentation in CSI-Kochi 2016: correlation between chronic conduction block and coronary artery disease, Gouranga Sarkar, Saroj Mandal

Dr. Bhuban Majhi

- Delivered Lecture on 'Acute coronary syndrome diagnosis and classification' at CSI February 2016.
- Delivered Lecture on 'How to take an ideal informed consent' at EIICCON 2016.
- Delivered Lecture on 'Hypertensive encephalopathy' at WBCSI update 2016.
- Publications
 - CD4 lymphocytopenia with an unusual presentation. International journal of Biology Research. 2016; 1(2): 28-9.
 - An unusual case of hoarseness of voice in an immunocompetent individual: a case report. Journal of medical sciences.
 - Subclavian artery pseudoaneurysm in an unusual case of digital gangrene. Provisionally accepted in Journal for cardiovascular echocardiography.

Dr. Asit Das

- Cardiac electrophysiology: the basics GIMACON 2016.
- Publications
 - A simple method of Bachman bundle pacing with indigenous modification of the stellate. Indian heart journal 2016 (September-October).
 - Review article. Physiological cardiac pacing: current status. July-August 2016 Indian heart Journal.

ONGOING TRIALS AND PROJECTS

Prof S.C Mondal

- A non-interventional prospective observational study to understand the usage pattern of Ticagrelor in Indian patients with acute coronary syndrome (TREASURE).
- Short and long term Angiographic follow up in patients with elective double stenting in left main coronary bifurcation lesion: single center experience.
- Short and long term angiographic follow up of left main coronary artery stenting-single stent strategy: single center experience.
- "A multicentric, prospective, randomized, double-blind, study to evaluate the safety and efficacy of Saroglitazar 2 and 4 mg as compared to Fenofibrate 160mg in patients with dyslipidemia.
- A randomized, double blind, parallel group study to evaluate the effect and safety of test biscuits as compared to placebo biscuits in regulating blood glucose level in subjects with type 2 diabetes mellitus.

Prof D.P Sinha

- A non-interventional prospective observational study to understand the usage pattern of Ticagrelor in Indian patients with acute coronary syndrome (TREASURE).
- A randomized Double –Blind, Placebo controlled parallel group study to evaluate the effect of Alirocumab (SAR236553/REGN727) on the occurrence of cardiovascular events in patients who have recently experienced an acute coronary syndrome (ODYSSEY OUTCOMES).
- A randomized, double blind parallel group study to evaluate the efficacy and safety of Alirocumab (SAR 6553/REGN727) versus Ezetimibe in Asia in high cardiovascular risk patients with hypercholesterolemia not adequately controlled with their statin therapy (ODYSSEY EAST). Status: ongoing
- A multicenter randomized double blind parallel group active controlled study to evaluate the efficacy and safety of LCZ696 compared to valsartan on morbidity and mortality in heart failure patients (NYHA class II-IV) with preserved ejection fraction (PARAGON STUDY). Status: ongoing.
- An open label randomized multicentric active controlled phase III trial to compare the efficacy, tolerability and safety of tablet Azilsartan with tablet Olmesartan in the treatment of patients with new diagnosed grade I essential hypertension. Status: completed.

Dr. Asit Das

1. Low inter atrial septal pacing: a simple method.
2. Accuracy of combined LAO and RAO fluoroscopic view to predict septal location of RV pacing lead in comparison to CT coronary Angiography.
3. Short and long term Angiographic follow up in patients with elective double stenting in left main coronary bifurcation lesion: single center experience.
4. Short and long term angiographic follow up of left main coronary artery stenting-single stent strategy: single center experience.

AWARDS

- Dr Kaushik Paul stood first in zonal round of TYSA quiz
- Dr. Somnath Mukherjee and Priyanka Mondal has presented in CSI as E-platform..

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 intervention are going on
- DM students are working with their projects.
- Cath lab Technician (DCLT) and Critical Care (DCCT) students are being trained.

SERVICE INFORMATION

Indoor

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

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

- Total Admission – 14958
- Death – 648

OPD

OPD attendance: Total – 350-400 daily. [New – 200-250 / Old – 100-150]

Special clinics

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

Procedure/Investigations performed

- ECG 75802
- TMT 1348
- Echocardiography 14224

Cathlab and OT procedures

- Temporary pacing 1840
- Permanent pacing 1350
- Coronary angioplasty ± stenting 1520
- Peripheral angioplasty ±stenting 55
- Coronary Angiography 3298
- EP study with RF Ablation 25
- Balloon Mitral Valvuloplasty 160
- Balloon Pulmonary Valvuloplasty 11
- Other interventions AICD 20
- CRTD 8
- P D A 32
- Cardiac Catheterisation 75
- ASD closure 10
- VSD closure 12
- Other procedures 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
- Eleven D.M (PDT) –have passed the D.M (Cardiology) Exam. Dr.Sreedhara R, Dr.Soumik Chaudhuri, Dr.Rahul Arora, Dr.Manish Vinayak, Dr.Vishal Batra, Dr.Sonali Sarkar, Dr.Pankaj Sarkar, Dr.Satrajit Samanta, Dr.Manjunath D. Dr.Koushik Banerjee, Dr. Sumanto Mukhopadhyay.
- Nine Doctors as DM Trainee have joined this year.
- 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.

Institute of Cardiovascular Sciences Cardiothoracic and Vascular Surgery

STAFF

Faculty

1. Dr. Subhankar Bhattacharya MS, MCh FIACS	Professor and Head
2. Dr. Goutam Sengupta MS, MCh FIACS	Professor
3. Dr. Santanu Dutta MS, MCh	Associate Professor
4. Dr. Ansuman Mondal MS, MCh FIACS	Associate Professor
5. Dr. Javid Vaquar Sadique MS, MCh	Associate Professor
6. Dr. Prokash Sanki MS, MCh (on detailment)	Associate Professor
7. Dr. Subhendu Mahapatra DTCD, MS, MCh	Associate Professor

Medical Officers

1. Dr. Dibakar Das M.O.
2. Dr. Rita Neogi M.O.
3. Dr. Silpa Basu Roy (detailment)

Postdoctoral (MCh) trainees

3rd Year (2014-2017)	2nd Year (2015-2018)	1st Year (2016-2019)
• Dr. Debajyoti Mandal • Dr. Arnab Maity	• Dr. Raja Lahiri	• Dr. Chaina Pul

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. Nursing
- Teacher: Perfusion Technology (DPFT)
- External examiner in MCh exam in Gujarat University & Rajiv Gandhi University

Prof. Goutam Sengupta

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

Prof. Anshuman Mondal

- Promoted to professor in this year
- Examiner in D.P.F.T. course

Dr. Santanu Dutta

- Acted as co-investigator of CSIR Project* Identification of Biomarkers of Cardiovascular Diseases"
- Awarded PhD degree in cardiovascular sciences by Calcutta University in 2014.
- Examiner in D.P.F.T. course

Dr. Javid Vaquar Sadique

- Participating in CTCME organized by IACTS in different centers in the country throughout the year.
- Active participation in the kidney transplant programme

Dr. Subhendu 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. Prokash Sanki

- Dr. Prokash Sanki is detailed here & is doing open heart surgeries regularly.
- Also in charge of the kidney transplant programme
- He is an important member of cadaveric kidney transplant team

Dr Dibakar Das

- Our main O.T. organiser
- He is an experienced cardiothoracic surgeon

Dr Rita Neogi

- Acting as our chief OPD in-charge & in-charge of the Sishu sathi scheme.

ACADEMIC ACTIVITIES

Saturday is our teaching programme day. Different topics of the subject are distributed over a period of 2 months 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 organised a wet lab cum work shop on valve replacement on bovine heart. This helped a lot to the M.Ch. students.

Wet lab organized for valve implantation & CME in 2016.

In collaboration with Department of neonatology, congenital cardiac lesion corrections are being done.

Dr. Raja Lahiri, post doctoral trainee, second year, was awarded the second prize in a Quiz arranged by the West Bengal Association of Cardiothoracic Surgeon in the month of October, 2016.

Publications

1. An oesophageal duplication cyst: A diagnostic dilemma; case report in International Journal of Science & Research (Online): 2319 - 7064
2. 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).
3. Congenital submitral left ventricle aneurysm with normal mitral valve – A rare presentation: case report in international journal of healthcare & biomedical research: 2015; 4(1): 174-8.
4. Giant pericardial cyst: A rare presentation: case report in International Journal of Science & Research (Online).
5. 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 (Online).
6. Prevention of acute renal failure post cardiac surgery under cardio pulmonary bypass using perioperative infusion of sodium bicarbonate: A prospective randomised control trial: A case report in International journal of health and science and research (Online).

SERVICE INFORMATION

The department has 4 running OTs of which 3 are open heart 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 has been opened and this is for **Sishu Sathi patients**. We regularly do three Sishu sathi cases per week, along with 3 to 4 CABGs & 3 to 4 valve surgeries. We are now doing total 15 cases of open heart & CABG from Monday to Friday.

Cardiothoracic & vascular surgery Procedures in one year

CABG	Valve	Congenital	Vascular	Emergency	Closed cardiac/ non cardiac	AVF & thoracic	Sishu Sathi	Total
247	257	190	220	450	77	1000	200	2641

Percentage increased 19%.

Number of patients operated below 12 years of age 200

Number of patients operated in Shishu Sathi scheme 200

Operation days

We have 5 operation theatres. We operate 5 days in a week do maximum number of cardiothoracic and vascular elective and emergencies cases amongst the Government hospitals. We regularly do the A.V. fistulas, required for doing dialysis.

Unit distribution

Unit 1	Unit 2	Unit3B
<ul style="list-style-type: none">• Prof. Subhankar Bhattacharya• Dr. Prokash Sanki• Dr. Javid Vaquar Sadique	<ul style="list-style-type: none">• Prof. Goutam Sengupta• Dr. Subhendu Mahapatra	<ul style="list-style-type: none">• Dr. Ansuman Mondal• Dr. Santanu Dutta• Dr. Subhendu Mahapatra

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 Dr. Javid Vaquar Sadique – 2nd & 4th 5 th Saturday on rotation
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 17% 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) and A.V. Fistula creation.
- It is our great honour 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**
- We are successfully doing beating heart CABG 12 to 15 in a month.
- We are almost having 100% success rate in Tetralogy of Fallot case.
- 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 maintain 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 OT.

Requirements

To give our dreams the required wings and to make our plans successful, we require more nursing staff, Group D staff (on contract) and sweepers from ERS scheme.

Unfortunate matter

MCh students are main pivot in increasing our OT programme but out of six posts we had only 2 post filled up in 2014 & only one each in 2015 & 2016. So alternate way to fill the vacuum is necessary. Otherwise society will be deprived from our service in which a patient can be benefited with free treatment policy of the Government.

General Medicine

STAFF

Faculty

Dr. Nirmalendu Sarkar	MD	Professor & Head
Dr. Alakendu Ghosh	DNB, FIACM (India)	Professor
Dr. Pradip Kumar Datta	MD	Professor
Dr. Mridul Kanti Das	MD	Professor
Dr. Jotideb Mhkhopadhyay	MD	Professor
Dr. Soumitra Ghosh	MD, DTCD, FICP	Professor
Dr. Niladri Sarkar	MD	Professor
Dr. Asutosh Ghosh	MD, DM (Pulm & C.C. Med), DTM&H, Dip Card	Professor and In-Charge CCU
Dr. Shantasil Pain	MD	Professor
Dr. Avas Chandra Ray	DTCD, MD	Associate Professor
Dr. Ananata Kumar Dutta	MD	Associate Professor
Dr. Srabani Ghosh	MD	Associate Professor
Dr. Tanima Das Bhattacharya	MD	Associate Professor
Dr. Manjari Saha	MD	Associate Professor
Dr. Souvik Kanjilal	MD, DM (Cardiology)	Assistant Professor
Dr. Hema Malathi	MD	Assistant Professor
Dr. Subhra Aditya	MD, DM (Cardiology)	Assistant Professor
Dr. Anupam Mondal	MD	Assistant Professor
Dr. Sanchita Saha	MD	Assistant Professor
Dr. Subrata Halder	MD	Assistant Professor
Dr. Sourav Nag	MD	RMO cum CI Tutor
Dr. Agnibha Maiti	MD	Senior Resident
Dr. Ramita Sarkar	MD	Senior Resident
Dr. Ranita Saha	MD	Senior Resident

Office staff

Name	Designation
Biswajit Debnath	Computer Professional
Bikash Kr Sikder	GDA
Sujit Biswas	GDA
Kishore Das	GDA
Smt. Mrinalini Mondal	GDA

Postgraduate trainees

3rd Year (2014-2017)	2nd Year (2015-2018)	1st Year (2016-2019)
Dr. Debdeep Mondal Dr. Adrija Hajra Dr. Anindya Sengupta Dr. Abhishek Chowdhury Dr. Arpan Dutta	Dr. Rajarshi Datta Dr. Sabyasachi Bhattacharya Dr. Sukalpa Chaudhuri Dr. Himadri Sonowal Dr. Vivek Goel	Dr. Deepak Kumar Dr. Avishek Sarkar Dr. Debashish Mondal Dr. Riten Kumar Samadder Dr. Saikat Prasad Datta

Dr. Soumya Ghosh	Dr. Vaibhav Seth	Dr. Subhasis Neogi
Dr. Abhishek Mukherjee	Dr. Somnath Mandal	Dr. Shambaditya Das
Dr. Snehasis Das	Dr. Saugat Das Gupta	Dr. Debaleena Mukherjee
Dr. Subhasis Majhi	Dr. Subir Sen	Dr. Abhirup Banerjee
Dr. Anindya Mondal	Dr. Jagannath De	Dr. Brikodar Patary
Dr. C. Zarzosangi	Dr. Sujata Kumari	Dr. Sk Nasim
Dr. Pratyush Biswas	Dr. Biren Kumar Bera	Dr. Ananda Mohan Chakraborty
Dr. Biswajit Ghosh	Dr. Mosadek Hossain	Dr. Barun Das

REGULAR ACADEMIC ACTIVITIES

Teaching and training of PGTs are held in the Dept. of Medicine on 4 days in every week as follows :

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

No. of sessions held

Case Presentation (Long & short)	:	62
Seminar for PGTs	:	54
Journal Club	:	26
C.P.C.	:	17
Faculty clinical meeting & Seminars	:	23

Thesis submitted in 2016

1. Diagnosis of Minimal Hepatic Encephalopathy using Psychometric Analysis and Brain Auditory Evoked Response - Dr. Abhishek Mukherji Guide : Prof. P.K. Dutta Co-Guide : Prof. Niladri Sarkar
2. Association Between Maternal Subclinical Hypothyroidism and Gestational Diabetes Mellitus in a Tertiary Care Centre. – Dr. Adrija Hajra. Guide : Prof. Nirmalendu Sarkar, Co-Guide : Prof. Partha Sarathi Chakraborty & Dr. Manjari Saha
3. Study of the Effect of Strengthening Exercise on Anthropometric and Metabolic Parameters in Obese and Overweight Individuals. – Dr. Abhishek Chowdhury Guide : Prof. Soumitra Ghosh & Co-Guide : Prof. Ashutosh Ghosh
4. Prevalence of Undiagnosed Diabetes Mellitus and Hypertension in Patients Admitted with Cerebrovascular Accident. – Dr. Debdeep Mondal Guide : Prof. Nirmalendu Sarkar
5. An Etiological Study of Sepsis and Mods in a Teaching Institution in Eastern India with Special Reference to Tropical Infections. – Dr. Pratyush Biswas. Guide : Prof. Shantasil Pain & Co-Guide : Dr. Subrata Halder
6. Prevalence and Clinic-pathological Profile of Renal Dysfunction in People Living with HIV and AIDS. – Dr. C. Zarzosangi. Guide : Prof. Shantasil Pain
7. Morbidity and Outcome Profile of Elderly Patients Supported by Mechanical Ventilation in a General Critical Care Unit in SSKM Hospital & IPGME&R. – Dr. Biswajit Ghosh Guide : Prof. Nirmalendu Sarkar & Co-Guide : Prof. Ashutosh Ghosh

8. Study on the Clinical Spectrum of Idiopathic Inflammatory Myopathy with Special Reference of Muscle Enzyme (Creatinine Kinase, LDH, SGOT, SGPT). – Dr. Subhasis Majhi Guide : Dr. Srabani Ghosh & Co-Guide : Prof. Alakendu Ghosh
9. Peripheral Neuropathy in Chronic Liver Disease : Clinical & Electro-Diagnostic Study. – Dr. Soumya Ghosh Guide : Dr. Avas Chandra Roy & Co-Guide : Prof. M.K. Das
10. A Study on the Impact of Hyponatremia on Short Term Outcome in Acute Stroke Patients. – Dr. Arpan Dutta Guide : Prof. M. K. Das & Co-Guide : Dr. Avas Chandra Roy
11. A Cross Sectional Study on Association of Dyslipidemia with Chronic Kidney Disease. – Dr. Snehasis Das Guide : Prof. Niladri Sarkar
12. Study of the Impact of Anthropometric Measures, Inflammatory Markers and Insulin Resistance on Pulmonary Function in Obese Adults. – Dr. Anindya Sengupta Guide : Prof. Soumitra Ghosh & Co-Guide : Prof. Somenath Kundu
13. Respiratory Function Assessment in Patients of Systemic Sclerosis with Special Reference to Esophageal Dilatation on HRCT-Thorax. – Dr. Anindya Mondal Guide : Prof. Alakendu Ghosh & Co-Guide : Dr. Bhaskar Bhattacharyya.

SERVICE INFORMATION

Beds location (Ward, Building)

Ward	Location/Building	No of Beds (Male)	No of Beds (Female)
Mackenzie	Main Block	71	-
NER (Female)	Main Block	-	53
NER (Male)	Main Block	-	32
CCU	Main Block	32	

Patients are also admitted in Woodburn Ward.

OPD location OPD Complex in Emergency Building Ground Floor

OPD attendance

Yearly total: Medicine OPD – 100250 (approx.)

Average daily attendance: 356 (approx.)

Units

Day	Unit	Name of the Faculty
Monday	I	Prof. Nirmalendu Sarkar, Dr. Manjari Saha, Dr. Anupam Mandal & Dr. Hema Malathi
Tuesday	II	Prof. S. Ghosh, Prof. Asutosh Ghosh, Dr. Srabani Ghosh & Dr. Subrata Halder
Wednesday	III	Prof. M. K. Das, Dr A. C. Ray & Dr. Souvik Kanjilal
Thursday	IV	Prof. P. K. Dutta, Dr. Niladri Sarkar & Dr. Ananta Kr Dutta
Friday	V	Prof. Alakendu Ghosh, Prof. J. D. Mukhopadhyay & Dr. S. Saha
Saturday	VI	Prof. S. Pain, Dr. Tanima Das Bhattacharya & Dr. Subhra Aditya
Sunday		By rotation as per roster

Special clinics

Name of Clinic : **Geriatric Clinic**
V.P. in-Charge : Prof. Nirmalendu Sarkar & Dr. Subhra Aditya
Date & Time : Every Thursday, 12.00 Noon
Venue : Emergency Building, Ground Floor, MOPD Room No. 12A

Name of Clinic : **Cardio-Diabetology Clinic**
V.P. in-Charge : Dr. Avas Chandra Ray
Date & Time : Every Wednesday, 2.00 PM
Venue : Ronald Ross Building, 4th Floor

Name of Clinic : **Pain Clinic**
V.P. in-Charge : Dr. Srabani Ghosh
Date & Time : Every Wednesday, 12.00 Noon
Venue : Emergency Building, Ground Floor, MOPD Room No. 12A

Name of Clinic : **Arsenic**
V.P. in-Charge : Dr. Anupam Mondal
Date & Time : Every Thursday, 1.00 PM
Venue : Ronald Ross Building, 4th Floor

Name of Clinic : **Obesity & Lifestyle Diseases Clinic**
V.P. in-Charge : Prof. Soumitra Ghosh
Date & Time : Every Friday, 11.30 AM
Venue : Emergency Building, Ground Floor, MOPD Room No. 12A

Microbiology

STAFF

Faculty

Dr. Prasanta Kr. Maiti	MD, DGO, DCP	Professor & Head
Dr. Raja Ray	MD, Ph D, DTM&H.	Professor
Dr. Kumkum Bhattacharya	MD	Professor (Joined on 09/09/2016)
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

Dr. Manash Sarkar	MD, DTM&H	Professor & MSVP	To Murshidabad Med. Col.
Dr. Roumi Ghosh	MD, DNB	Assistant Professor	To ESI Med. Col. Joka

Non-teaching staff

A) Medical Technologist: 1 Mallika Dubey 2 Bhabataran Manna 3 Ramkrishna Shaw 4 Subrata Biswas 5 Ajit Kr Pal 6 Kumar Kanti Somchowdhury 7 Jagadishwar Sashmal 8. Mr. Debabrata Chakrabarty [Transferred to Dept. of Pathology from Oct, 2016].

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

B) Group D staff: 1 Sandhya Guha 2 Gopal Sardar 3. Pradyut Nava Barua 4. Rama Dutta 5. Rajendra Mullick 6. Kapildeo Mullick 7. Sarajuk Das 8. Moti Mallick

C) Viral Resaerch & 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), Mr. Tirtha Sahoo (Lab Technician).

MD students

3rd Year (2014-17)	2nd Year (2015-18)	1st Year (2016-19)
Dr. Arjun Dutta Dr. Tamas Das Dr. Munmun Sarkar Dr. Anjan Kr. Das	Dr. Indraneel Saha Dr. Abirlal Sanyal Dr. Anjum Namhata Dr. Tanusri Haldar	Dr. Arpit Saha Dr. Sangita Pal Dr. Nishar Akhtar

REGULAR ACADEMIC ACTIVITIES

- 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

- Electron Microscope has started functioning.
- DST-FIST sponsored automated blood culture system (Bac-T-Alert & VITEK) installed,
- VRDL established,
- AMRSP (ICMR) project of Rs. 50 Lakhs in 5 yrs, is going to be implemented very soon.
- Microbiology labs situated at Emergency Building 3rd. floor have been shifted to UCM Building
- Organized 11th State Conference of IAMM (WB-Microcon 2016) , CME & Workshops, / 1st Get-together of PG-Group Microbiologist during 21st – 23rd Oct. 2016.
- Participants from the department received 1st & 2nd prize for presentation in award session at WB-Microcon-2016 (Presenters: Dr. Hirak Jyoti Raj & Archi Ghosh)
- Presentation of Jayeeta Halder selected as "Paper Of Excellence" at 1st Regional Science & Technology Congress-2016, Presidency Division, Department of Science & Technology, 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 Banda, U.P. , Sanathnagar, Telangana & Vishakhapatnam, A.P.; PG inspection at Jodhpur
- Under his supervision one candidate completed Ph.D. thesis this year and two more are continuing research, three other candidates are preparing for Ph D Registration
- Reviewer of articles for Indian Journal of Medical Microbiology , Journal of Indian Medical Association, Indian Journal of Medical Research & Medical Glory.
- Conferred Honorary Fellow of Indian Mycology Society (FIMS).
- Member of B.O.S., WBUHS , Pharmaco-vigilance Committee & Purchase Committee & Medical Research Unit of IPGMER; also Acting in-charge of "Electron Microscopy"; Member of interview team for engagement of M.T.(Lab.) held on 7-9 Dec.'16
- Chairperson in a session at "National Symposium on Microbial Diversity and its Impact" held on Feb. 18-19th, 2016 at Calcutta University.
- Received UNESCO Chair Bioethics (HAIFA) Certificate and credited 13 hours CME by WB Medical Council by participating "3T Plus ETTC Training course in Bioethics for Medical And Dental Teachers", held on 21-23 Jan. 2016 at WBUHS organized by UNESCO & WBUHS
- Convener of 1st get-together for Microbiologists associated with UCM/IPGMER
- Organizing President of 11th State Chapter Conference of IAMM, organized by IPGMER & acted as resource person in CME & Workshop. He also presented the Theme lecture on " Nurture Good Bacteria, Corner Bad Bacteria". He was co-author of four papers of which two received awards.
- Acted as Invited Faculty & Resource Person of Microcon 2016 held in PGIMER, Chandigarh where he chaired a session on " Molecular / Rapid techniques and Immunology". He presented a paper and was co-author of nine papers.
- Presented Guest Lecture on " Nano-adjuvant : new ray of hope against anti-microbial resistance" in National Seminar on "Application of nano-materials and allied fields" Organized by Institute of Science Education and Culture (ISEC) & Birla Industrial and Technological Museum (BITM) on 3rd Sept.'16
- Co-author of three papers presented in 1st. Regional Science & Technology Congress 2016, Presidency Division, West Bengal. of which one has been selected as "Paper Of Excellence".
- Expert in Microbiology for Pre-PhD seminar (Microbiology) of Dr. Swagata Ganguly at WBUHS.

Prof. Raja Ray

- Paper setter for MD(Microbiology), MBBS, DMLT, BSc. Nursing & Internal examiner,MD(Microbiology,IPGMER,2016),Internal Examiner MBBS (IPGMER,2016),External examiner

for MBBS (RIMS, Imphal, Feb, 2016) and Silchar Medical College, Feb, 2016, DMLT (Saroj Gupta Cancer Centre and Welfare Home). BSc. Nursing of WBUHS (External and Internal Examiner, 2016).

- Adjudicator of MD Thesis from WBUHS, Jan 2016.
- Expert in Microbiology for Pre-PhD seminar (Microbiology) at WBUHS (Sept, 2016).
- 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 (Nov, 2016).
- Served as Member, Medical Board constituted by MSVP, IPGMER on 3/10/2016 for management of a neurology patient admitted in Dept of Physical Medicine. Member of interview team for engagement of M.T. (Lab.) held on 7-9 Dec. '16
- 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
- Received training at National Institute of Virology, Pune for setting up VRDL lab at IPGMER (Sept, 2016)
- MCI Inspector for PG at Apex Medical College, Indore (PG), Kanyakumari Govt. Medical College, Kanyakumari (UG), Muzaffarnagar Medical College, Western UP (PG), Nizams Institute of Medical Sciences, Hyderabad (PG), Dr Ram Manohar Lohia Institute of Medical Sciences, UP (PG) during 2016
- Member of RNTCP, Nodal Microbiologist, IDSP, Principal Investigator, VRDL, Member Secretary, Hospital Infection Control Committee & Member Drug and Therapeutics Committee; Member of Hostel Supervisory Committee of IPGMER
- Reviewer of articles for Indian Journal of Public Health.
- Judge, Scientific session, 10th IAMM State Conference, Dec 2015 and, Convener, Scientific Committee 11th West Bengal IAMM State Conference.

Dr Kalidas Rit

- In-Charge, CSSD, Serology Lab, SSKM Hospital.
- Examiner/ Scrutinizer of MBBS, BDS, DMLT, B.Sc. Nursing & Paper setter for BPT & DMLT.
- Convener Souvenir Committee 11th IAMM State conference, WB-MICROCON -2016.

Dr Hirak Jyoti Raj

- Member of Hospital Infection Control Committee of IPGMER, VRDL & 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 in IPGMER.
- Joint Secretary, 11th IAMM State conference, WB-MICROCON -2016.
- Co-Guide in MD thesis works and Co-Investigator in DST (WB-state) project.
- Presented oral paper in Award session of 11th IAMM State conference, WB-MICROCON -2016 and received first prize.

Dr. Nupur Pal

- Coordinator of short projects in Microbiology
- She served as scrutinizer in MBBS examination (WBUHS)
- Co-Guide in MD thesis works
- 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."
- Convenor, Reception Committee, 11th IAMM State conference, WB-MICROCON -2016.

Dr. Suranjan Pal

- Treasurer, 11th IAMM State conference, WB-MICROCON -2016.

Dr. Arani Debnandi

- Convenor ,Refreshment Committee, 11th IAMM State conference, WB-MICROCON -2016.

CONFERENCE & WORKSHOP ATTENDED

- Five PGTs Dr. Arjun Dutta, Dr. Tamas Das, Dr. Indranil Saha, Dr. Abirlal Sanyal & Dr. Nishar Akhtar attended 40th National Conference & Workshops of IAMM (Microcon2016) at Chandigarh.

AWARDS & ACHIEVEMENTS

- Dr. Jayeeta Halder received certificate for best presented topic of the session in National Conference of Microbiology at Pondicherry (Microcon 2015).
- Dr Hirak Jyoti Raj received the First prize in Oral Paper presentation (Award session), in 11th IAMM State conference, WB-MICROCON-2016.
- Dr. Archi Ghosh received the Second prize in Oral Paper presentation (Award session), in 11th IAMM State conference, WB-MICROCON-2016.
- Presentation of 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.
- Received three cash prizes @ Rs. 5000 for selected innovative works presented at 40th National Conference of Microbiology (Microcon-2016, at Chandigarh).

PUBLICATIONS**Journal articles**

- 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; (Accepted for publication;2015)
- 2 Lalbiaktluangi, Bipasa Chakraborty, Jayeeta Halder, Prasanta Kumar Maiti, Raja Ray . Isolation of anaerobes in deep seated pressure ulcers using a novel innovative technique of anaerobe isolation . Journal of Evolution of Medical and Dental Sciences/ eISSN- 2278-4802, pISSN- 2278-4748/ Vol. 4/ Issue 98/ Dec. 07, 2015 Page 16329 .Jemds.com
- 3 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. Annals of Medical and Health Sciences Research. (2016) Vol.6(1):56-58
- 4 Bipasa Chakraborty, Kalidas Rit, Rupali Dey, Satadal Das, Prasanta Kumar Maiti. An unusual case of chronic nonhealing periorbital ulceration due to a new species of Corynebacterium sp. strain UCL557. Med J DY Patil Univ 2016;9:377-81
- 5 Ghosh Prabir,Chakraborty Bipasa, Maiti PK, Ray Raja. Comparative Evaluation of Loop Mediated Isothermal Amplification and Conventional Methods in diagnosis of extrapulmonary tuberculosis.(Accepted for publication,Dec2016).Annals Pub Trop Med and Public Health.Published by Walters Kluser, Medknow.
- 6 Chakraborty B, Chatterjee S, Ray R, Pal NK, Patra SK, Maiti PK. Rethink on recommended concentrations of disinfectants in the light of biofilm, based on in vitro study. Int J Health Allied Sci 2016;5:154-7.

- 7 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;61:580-83.
- 8 De A, Raj H J, Haldar J, Mukherjee P, Maiti PK.. Biofilm colonization in chronic treatment refractory infections presenting with discharging sinuses: A study in a tertiary care hospital of Eastern India. : Accepted for publication in " *Journal of Laboratory Physicians(JLP)*" vol.9. Issue2 April-June 2017 pg.1-7.

Papers presented in National Symposium on Microbial Diversity and its Impact organized by Indian Mycological Society at CU, on Feb 18-19th, 2016:

1. Arani Debnandi, Roumi Ghosh, Prof. Prasanta kr. Maiti. Hyalohyphomycosis Caused By *Scedosporium* Spp. In A Case Of Renal Transplant Recipient
2. Bipasa Chakraborty, Hirak jyoti Raj, Prof. Prasanta Kr. Maiti. A Case Of Low Invasive Chronic Subcutaneous Mucormycosis
3. Hirak Jyoti Raj, Asmita Dey, Prof. Prasanta Kr. Maiti. Study On Fungal Biofilms Using Atomic-Force Microscope
4. Jayeeta Haldar, Prof. Prasanta Kr. Maiti., Prof. Raja Roy. New Method Of Anaerobiosis Applicable For Soil Bacteriology
5. Nupur Pal, Prof. Prasanta Kr. Maiti. Rhinocerebral Invasive Aspergillosis Of An Immunocompetent Women
6. Roumi Ghosh, Prof. Prasanta Kr. Maiti. Disseminated Histoplasmosis: Experience Of Two Unusual Clinical Presentations.

Papers presented in 40th National Conference of IAMM (MICROCON 2016) at Chandigarh, held on 25-27th Nov, 2016:

1. Isolation and Identification of Anaerobes from Periodontitis using Two Step Combustion Modified Candle Jar System. RehanaParveen, JayeetaHaldar, Sudipta Chatterjee, Prof. Raja Ray, Prof. P. K.Maiti..
2. Biofilm Study of *P. acnes* in Two Step Combustion Modified Candle Jar System. Jayeeta Haldar, Rehana Parveen, Prof. G. Chaterjee, Prof. P. K. Maiti
3. In-vitro study on potential efficacy of acriflavine in the prevention of conjugal transfer of drug resistance in bacteria. Tamas Das, Raja Ray, P K Maiti.
4. Nanotechnology in search of resistant proof drug potentiator to combat superbugs. Raja Ray, Archi Ghosh , Sriparna Dey, Prasanta Kumar Maiti.
5. How to obtain longlife readymade media for bacterial culture. Prabir Ghosh, Munmun Sarkar, Prof. Raja Ray, Prof.Prasanta Kumar Maiti.
6. Anti-microbial role of silver nitrate before and after nano conversion. Prasanta Kumar Maiti, Archi Ghosh, Raja Ray, Sriparna Dey.
7. A novel biofilm intervention strategy by a coat of preformed biofilm structure. Arjun Dutta, Susmita Chatterjee , Sriparna De, Prasanta Kr. Maiti..
8. Nanotoxicity and antimicrobial property of graphene based nanohybrid: Synthesis and property evaluation. Sriparna Dey, Smita Mohanty, S K Nayak, M Saur, Prasanta K Maitia, Dipankar Chattopadhyaya.
9. Electron microscopic observation to the effects of nano-silver particles on *E. coli*, *S. aureus*, *P. aeruginosa* and *C. albicans*. Archi Ghosh, Raja Ray, Sriparna De, Prof. P. K. Maiti.
10. Geriatric urinary tract infections: a community based study among patients attending tertiary care hospital. Abirlal Sanyal, Prof.Raja Ray, Prof. Manash Sarkar
11. Multidrug resistant bacteria producing biofilms within Life saving ventilators. Indraneel Saha, Prof. Raja Ray.

11th State Chapter Conference of IAMM held at IPGMER on 23.10.16.

Papers in Award Sessions:

1. Bio-control of biofilm colonization on device surfaces. HIRAK JYOTI RAJ, ARJUN DUTTA, SUSHMITA CHATTERJEE, PRASANTA KR. MAITI. (Received first prize in Award session)
2. Nano-antimicrobials : the perfect antibiotic potentiators for combating drug resistance bacteria. ARCHI GHOSH, RAJA RAY, PRASANTA KUMAR MAITI (Received second prize in Award session)
3. *Slackia exigua*, an unusual anaerobic pathogen for periodontitis, isolated by modified candle jar technique. REHANA PARVEEN, JAYEETA HALDAR, SUDIPTA CHATTERJEE, Prof. P. K. MAITI.
4. Incidence of CLABSI at an ITU of a tertiary care hospital. INDRAHEEL SAHA, Prof. RAJA RAY.

Papers in Free Paper Sessions:

5. Comparative study of automated BACT / ALERT -3D system versus conventional system for bacteriological identification of sepsis in a tertiary care hosp. NISHAR AKHTAR ; Prof. RAJA RAY
6. Modified storage technique for obtaining long-life readymade media. MUNMUN SARKAR, PK MAITI.

Papers presented in 1st. Regional Science & Technology Congress 2016, Presidency Division, West Bengal. Held at NITTTR, Kolkata on 13-14th Nov, 2016.

1. Innovation of simpler technique for anaerobic culture. JAYEETA HALDAR, POULAMI MUKHARJEE, REHANA PARVEEN, Prof. RAJA RAY, Prof. PK MAITI. [selected as "Paper Of Excellence"].
2. A novel biofilm intervention strategy by a coat of preformed biofilm structure. REHANA PARVEEN, ARJUN DUTTA, SUSMITA CHATTERJEE, Prof. P.K. MAITI
3. Bacterial killing by Nano magic. ARCHI GHOSH, RAJA RAY, ABHISHEK ADHYA, Prof. P. K. MAITI.

MD theses 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. MANASH SARKAR.

Ongoing research work for MD theses

1. 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. ANJUN NAMHATA ; Guide: Prof. PK MAITI, Dr. HJ RAJ.
2. A microbiological study of puerperal & post-abortal sepsis with reference to anaerobic and aerobic flora. Dr. TANUSRI HALDAR; Guide: Dr. KALIDAS RIT, Dr. NUPUR PAL, Prof. SUDIP SAHA (G&O)
3. 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
4. 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. INDRAHEEL SAHA; Guide: Prof. RAJA RAY, Dr. RAJAT CHOUDHURI.
5. Effects of Nano-silver particles on viability and cell morphology of *E. coli*, *S. aureus*, *P. aeruginosa* and *C. albicans*. ; Dr. ARPIT SAHA Guide: PK MAITI & NUPUR PAL.

6. Evaluation of bacterial contents in some commonly used Probiotic medicines and foods. Dr.Sangeeta Pal, Guide: PK Maiti, Kumkum Bhattacharya, Hirak Jyoti Raj
7. 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.

PhD thesis work

- Form conversion of Malassezia: a clinico-mycological study. By Dr. Asis Manna. Guide: Dr. PK Maiti & Dr. DN 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.
- A bio-molecular approach towards anti-microbial resistance of bacteria within medical device associated biofilms. By Susmita Chatterjee. Guide: Dr. PK Maiti, Dr. S Chowdhury, Dr. S Law. (Ph.D. awarded in 2015)

Other ongoing project work

- 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]
- Nano-Mission Project, DHR, Govt. of India: " In-vitro evaluation of nano-silver particles as antimicrobial agents by direct action or as synergistic agent with some conventional antibiotics" Principal Investigator: Prof. P.K. Maiti, Co-PI: Prof. Mitali Chatterjee.
- 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.
- VRDL Project on 'Establishment of a network of Laboratories for Managing Epidemics and Natural Calamities'. An ICMR-DHR funded Project at inception phase.PI-Prf Raja Ray,Co-PI-Dr.Hirak Jyoti Raj.

Short projects conducted

- Culture of Anaerobic bacteria using newer technique (Jan-Feb '16) by Mou Chatterjee, B. Tech student of Heritage Institute of Technology. Guide: Dr. Arani Debnandi.
- Use of Antimicrobials in Bacterial Infections (Jan-Feb '16) by Niniva Datta, B. Tech student of Heritage Institute of Technology. Guide: Dr. Roumi Ghosh.
- Study of different anti-microbial susceptibility testing methods (Jan-Feb '16) by Taniya Ghosh, B. Tech student of Heritage Institute of Technology. Guide: Dr. Roumi Ghosh.
- Inoculum standardization and colony size scoring for microbiology research (Feb-April '16) by Rana Das, B.Sc (Hons.) 8th Semester student of Amity Institute of Biotechnology, Amity University, Uttar Pradesh. Guide: Dr. Nupur Pal.
- Isolation of anaerobes from clinical materials by a new technique and identification by conventional methods as well as molecular technique by Debasmita Ray of School of Tropical Medicine, Kolkata. Guide: Dr. Nupur Pal.

SERVICE INFORMATION

Laboratory Tests in Microbiology Laboratory from 01/12/2015 – 30/11/2016 (Total = 1,03,436)

Test	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec, 2015	Total
Bacteriology (Total = 24,774)													
Urine	957	998	1116	973	844	2056	1164	1081	1571	1261	1533	2244	15798
Throat swab	06	04	02	01	03	01	01	02	03	01	03	05	32
Wound	106	104	126	91	91	106	158	143	195	156	170	292	1738
Blood culture (conventional)	107	103	92	79	115	130	138	167	240	127	252	282	1932
Body fluids*	98	60	88	88	80	86	76	98	206	272	231	609	1992
Sputum	101	73	100	85	71	78	92	96	110	98	105	501	1510
Other swabs	09	11	12	06	13	09	12	19	10	09	05	47	162
CSF	10	08	07	09	16	09	12	19	47	60	66	63	326
OT swab	45	60	18	20	20	75	105	210	195	90	250	196	1284
Serology (Total = 73,077)													
RA	79	58	79	72	64	74	61	51	65	56	63	98	820
ASO	104	67	104	54	55	78	69	70	84	69	62	124	940
CRP	193	194	202	197	154	250	207	180	366	467	343	490	3243
Widal	19	15	19	12	30	25	35	36	82	72	65	60	470
VDRL	458	343	480	396	428	488	527	412	364	244	450	444	5034
HBsAg	1783	1519	1743	1647	6692	1771	1896	1862	2794	2372	2673	3957	30709
HCV	1475	1359	1401	1390	5625	1467	1649	1620	2692	2300	2590	3850	27418
HAV	8	-	-	-	-	-	-	-	-	-	-	6	14
HEV	8	-	-	-	-	-	-	-	-	-	-	6	14
Mantoux	99	118	118	84	102	133	92	132	98	50	62	171	1259
Dengue	53	10	25	31	26	41	58	195	734	708	648	329	2858
JE	21	15	8	13	13	17	18	49	38	37	40	29	298
Miscellaneous (Total = 5,585)													
Malaria	73	36	65	18	06	60	68	176	190	136	165	123	1116
Fungal	19	12	25	26	39	29	41	44	68	52	07	84	446
AFB stain	202	216	209	213	219	226	203	227	221	217	228	213	2584
AFB Culture	66	54	62	54	54	61	72	99	34	25	29	18	628
Slit skin	18	37	32	24	38	31	28	33	34	26	28	27	356
India ink preparation	17	18	16	20	22	18	19	15	11	23	19	18	213
Blood culture (automated)	10	04	07	04	31	54	12	18	09	52	41	00	242

N.B.: Tests done in Central Lab during evening & night shift are not included in this census.

Neonatology

STAFF

Dr. Suchandra Mukherjee	MD Pediatrics	Professor And Head
Dr. Ranajit Mukherjee	MD Pediatrics	Associate Professor
Dr. Bijan Saha	MD Pediatrics, DM Neonatology	Assistant Professor
Dr. Dinesh Munian	MD Pediatrics	Assistant Professor
Dr. Ratan Kumar Biswas	MD Pediatrics	Assistant Professor, On Training Leave For DM Neonatology
Dr Dipankar Roy	DCH, MS, MCh(Pediatric Surgery)	Assistant Professor, Neonatal and fetal surgery
Dr. Suman Das	MS, MCh(Pediatric Surgery)	Assistant Professor, Neonatal and fetal surgery
Dr. Bappa Mondal	MD Pathology	Assistant Professor
Dr. Pinaki Chatterjee	MD Microbiology	Assistant Professor
Dr. Uttam Kumar Mondal	DCH, MD Pediatrics	Assistant Professor
Dr. Anindya Kumar Saha	MD Pediatrics	RMO cum Clinical Tutor
Dr. Nirmalya Sarkar	MD Pediatrics	RMO Cum Clinical Tutor
Dr. Rameswar Prasad	MD Pediatrics	DM Resident
Dr. Somnath Paul	MD Pediatrics	DM Resident
Dr. Moumita Ghosh	MD Pediatrics	DM Resident
Dr. Saugata Choudhuri	DNB Pediatrics	DM Resident
Dr. Sanjoy Kumar	MD Pediatrics	DM Resident
Dr. Partha Pratim Mondal	MD Pediatrics	DM Resident
Dr. Sudipta Dasgupta	DCH	Medical Officer
Dr. Amit Banerjee	DCH	Medical Officer
Dr. Biswanath Bala	MBBS	Medical Officer

IMPORTANT ACHIEVEMENTS

- Extension of the service of the Department of Neonatology with increase in the NICU and SNCU beds occurred from 02.10.2015. At present the department is running with 100 beds.
- Genetic testing & counseling centre has been started.

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. Located at 1st floor, G&O building.

Activities

- Level III care of sick newborns including ventilation, parenteral nutrition, neonatal surgery,
- The unit is equipped with 18 conventional ventilators and 2 high frequency ventilators, 3 bubble CPAP. 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, 2 pm 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 2 pm, 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 average 150 (from January 2016 – November 2016): 128.

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 pasteurized 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, IPGMER-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, IPGMER. & various SNCUs of west Bengal and others referred from other health care facilities. This service is available every week on Wednesday from 4 PM 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 2010-2016 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%
2013	3400	875	320	88.4%
2014	3802	903	289	88.7%
2015	4080	839	401	86.4%
2016 (up to Nov)	3654	1042	602	89.0%

OPD statistics (Jan 2016 – Nov 2016)

S. No.	OPD	No of cases
1	Neonatal Medicine OPD	5607
2	Neonatal Surgery OPD	150
3	Neurodevelopment Clinic	6032
4	RBSK OPD	8107

MORTALITY (Jan 2016 – Nov 2016)

INBORN			OUTBORN		
Total live births	Total deaths	Inborn NMR	Total Outborn admission	Total deaths	Out born CFR
3654	95	25.99 per 1000 LB	602	87	14.45%

Month wise statistics of NICU : 2015

MONTH	LIVE BIRTH	NICU ADMISSION			DISCHARGE			MORTALITY			AVERAGE LENGTH OF STAY
		INBORN	OUTBORN	TOTAL	INBORN	OUTBORN	TOTAL	INBORN	OUTBORN	TOTAL	
Jan-16	314	85	44	129	70	29	99	10	10	20	26.5
Feb-16	276	112	55	167	79	38	117	11	08	19	22
Mar-16	281	96	50	146	56	36	92	07	08	15	23
April-16	298	66	44	110	51	30	81	05	07	12	16
May-16	319	86	48	134	60	30	90	04	06	10	18
June-16	294	79	41	120	51	19	70	09	10	19	18
July - 16	366	103	46	149	73	18	91	11	04	15	19
Aug-16	365	88	65	153	79	56	135	06	10	16	21.5
Sep-16	355	97	79	176	79	65	144	05	06	11	20.5
Oct-16	411	121	69	190	87	27	114	10	09	19	20.5
Nov-16	375	109	61	170	77	34	111	17	09	26	21

Bed occupancy and duration of stay at NICU : 2016

Month	Bed occupancy	Duration of stay (days)		
		Inborn	Outborn	Average
Jan-16	69%	25	28	26.5
Feb-16	75%	25	18	21.5
Mar-16	72%	15	13	14
Apr-16	77%	15	17	16
May-16	76%	18	18	18
Jun-16	76%	18	18	18
Jul-16	76%	25	21	23
Aug-16	81%	26	17	21.5
Sep-16	84%	22	19	20.5
Oct-16	87%	21	20	20.5
Nov-16	84%	21	20	20.5

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 Basic Diploma course in Neonatal Nursing** (1 year) approved by Indian Nursing Council & West Bengal Nursing Council.
- **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.

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 (2012-16)

- 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 (2012-16)

- 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 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 Venacava Draining into Left Atrium in association with Fetal Valproate Syndrome, *Indian Journal of Pediatrics*, May 2012.

Nephrology

STAFF

Faculty

Dr. Rajendra Pandey, Dip.Card, MD, DM
 Dr. Debabrata Sen, MD, DM
 Dr. Sanjoy Dasgupta, MD, DM
 Dr. Dipankar Sarkar, MD, DM
 Dr. Aref Hossain, DCH, MD (Med)
 Dr. Sital De, MBBS
 Dr. Kausambi Chowdhury, MBBS
 Dr. Amitava Maiti, M.Sc., PhD

Post / Designation

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

Postdoctoral trainees

3rd year	2nd year	1st year
Dr. Avinandan Banerjee Dr. Kaushik Bhattacharjee Dr. Smita Divyaveer Dr. Umesh Dubey Dr. Sandeep Saini Dr. Vishnu Bardhan	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

Dialysis Technician number 8

Dialysis Technician students: 1st year 16, 2nd year 28

Regular academic activities

- Dialysis meeting weekly
- DM bedside teaching & discussion daily
- Transplantation meeting weekly
- Seminar / Journal club thrice in a week
- Theoretical/Practical class for Dialysis Technician daily
- Nephro-pathology / Nephro-radiology fortnightly

Awards:

- 1st prize by Dr. Patil, 2nd prize by Dr. Manong and 3rd prize by Dr. Chetan in Eastern zonal conference.

Ongoing research activity:

1. The spectrum of pregnancy related acute kidney injury.
2. Outcome IgA nephropathy intervention with TESTING protocol.
3. Multitarget therapy in SLE class IV induction phase.
4. Assessment of depression and anxiety in CKD and renal transplant patient
5. The correlation of Oxford MEST classification with clinical presentation and responsiveness to currently recommended therapy in IgA nephropathy.
6. Safety and efficacy of rituximab in patient with difficult idiopathic nephritic syndrome: a long term follow up study.
7. Effect of night time dosing of antihypertensive medication on ABPM and cardiovascular and renal outcome in nondialysis CKD patient.
8. Comparison of tacrolimus vs rituximab in adult FSGS and MCD.
9. Effect remote of ischemic preconditioning for prevention of Contrast-medium induced AKI.
10. Prospective controlled study of the effect of cholecalciferol for lowering albuminuria in CKD.
11. Estimation of change of GFR in live kidney donor.
12. High dose of telmisartan decreases the progression of CKD.
13. Incidence and risk factor of NODAT.
14. 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
15. DBT Project: ICKD – Jharna Mondal

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

Paper publications

- 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, Prahara 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. Subho Banerjee
2. Dr. Sandipan Halder
3. Dr. Manong Chohwanglim
4. Dr. Malagouda R. Patil
5. Dr. Tanima Das Bhattacharya
6. Dr. Chetan Mahajan

Seminars & Symposium:

- Arranged Seminar for Upgradation 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).
- Ventilator and cardiac monitor facility available.
- Patients are also admitted in Woodburn Ward.
- 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 Friday.

Renal laboratory information

(Following tests were carried out for the period from November 2014 to October 2015)

In-Charge of Renal Laboratory: Dr. A. Maiti, Biochemist

No.	Name of tests	No. of tests	No.	Name of tests	No. of tests
1	Na+	5949	13	SGOT	2043
2	K+	5949	14	SGPT	2043
3	Urea	5535	15	Alk. Phosphatase	2043
4	Creatinine	5863	16	Calcium	2203
5	Total Protein	2887	17	Phosphorus	2792

6	Albumin	3335	18	HbsAg	
7	Cholesterol	1436	19	Anti HCV	
8	Triglyceride	1415	20	24 hr. Urinary Protein	
9	Sugar	1953	21	25 Hydroxy Vitamin D	
10	Uric Acid	2161			
11	Bilirubin (T)	2023			
12	Bilirubin (D)	2023			

Total tests performed - **51,053**
Total sample received - **7,298**
Samples drawn for TAC level - **4,021**

Admission census (November 2015 to October 2016)

	Admissions	Discharge	Deaths
MRU Male	696	639	53
MRU Female	533	480	51
Total	1229	1119	104

OPD census (November 2015 to October 2016)

Old OPD Ticket	46332
New OPD Ticket	39936
Post-transplant OPD	2080
Glomerulonephritis clinic	3900

Procedures / Investigations performed (November 2015 to October 2016)

	Hemodialysis	ARF	CRF	Plasmapheresis
Total	12629	2903	9725	152

Renal transplant data

Live renal transplantation	Male 31: Female 5
Deceased donor renal transplantation	2

Renal transplant ward	Admission	Death
Male Ward	123	3
Female Ward	17	1

Nephrology Sister Unit – Sambhu Nath Pandit Hospital, Kolkata (November 2015 to October 2016)

Sambhunath Pandit Hospital Nephrology Indoor			
	Admission	Death	Discharge
Male Ward	527	52	415
Female Ward	307	29	270

Sambhunath Pandit Dialysis Unit	
Total Dialysis Session	6023
Chronic Kidney Disease	4156
Acute Kidney Injury (other than snake bite)	299

Snake Bite	1569
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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
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

Two deceased donor renal transplantation done in this year

Nuclear and Experimental Medical Sciences

FACULTY

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. Dhritiman Chakraborty 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

FACULTY NEWS

Prof. Jayanta Chatterjee

Conferences attended

- Co-Chairperson of the Session on "Imaging in Endocrinology" at ESB RSSDI Joint Annual Conference 12th & 13th March 2016, held at ITC Sonar, Kolkata

Dr. Srabani Sen

Conferences attended

- 75th Bengal IMA State Conference BIMACON on 6th & 7th February 2016 in Kolkata
- CME conducted by Diabetic Association of India on 20th February 2016
- API WB chapter Mid Term Update on 1st May 2016 in Kolkata
- Nuclear Medicine Update 2016 on 22nd May 2016 in Kolkata
- IDPDCON 2016 on 9th & 10th August 2016 in Kolkata
- API International Conference on 30/9/2016, 1/10/2016 & 2/10/2016 in Kolkata
- Participated in the Insulin Discovery Day programme.

Dr. Dhritiman Chakraborty

Conferences attended

- AROI WB Chapter Annual state conference 20/2/16 & 21/2/16
- API WB chapter Mid Term Update 01/05/16
- API International Conference 30/9/16, 1/10/16, 2/10/16

Dr. Punyabrata Dobe

Conferences attended

- Attended the Galaxy Summit on Cardio-Diabetology from 4th to 6th June 2016 at Goa
- Attended the Diamond Summit on Diabetes from 16th to 17th July, 2016 at Mumbai
- Best of ADA conference from 21st to 22nd September, 2016 at Kolkata
- National Lipid Summit from 26th to 27th November at Hyderabad.
- Participated in the Insulin Discovery Day programme.

REGULAR ACADEMIC ACTIVITIES

Lectures and in-house training for DM (Endocrinology), M.Ch. (Urology), M.D. (Radio-diagnosis) and D.M.R.D students.

Research projects

Outcome of lithium co-treatment with radio-iodine therapy in Grave's Disease.

Investigators: Prof. J. Chatterjee, Dr. G.K.Rakshit, Prof. S. Chowdhury, et al

Sponsoring agency: None

Perchlorate discharge test in evaluation of adolescents with goitre.

Investigators: Prof. J. Chatterjee, Dr. G.K.Rakshit, Prof. S.Chowdhury, et.al

Publications

" Examining a hypothetical quantitative model for better approximation of culprit coronary artery and site of stenosis on ^{99m}Tc-sestamibi gated myocardial perfusion SPECT" - Pal, Sushanta; Sen, Srabani; Das, Debasis; Basu, Sandip. Nuclear Medicine Communications. 37(10):1102-1108, October 2016.

Obstetrics & Gynecology

FACULTY

Name	Qualification	Designation
Dr. Partha Sarathi Chakraborty	MD	Professor and Head
Dr. Subhash Chandra Biswas	MD, FICOG	Professor
Dr. Gouri Sankar Kamilya	MD, DNB	Professor
Dr. Sudip Saha	MD, DNB	Professor
Dr. Sumit Ranjan Pramanick	MD	Associate Professor
Dr. Chaitali Datta Ray	MD, FICOG	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. 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	MS	RMO cum Clinical Tutor
Dr. Sayanti Paul	MS	Senior Resident
Dr. Smriti Prasad	MS	Senior Resident
Dr. Rashmi Baid	MS	Senior Resident

Postgraduate (MS) trainees

2014-2017	2015-2018	2016-2019
Dr. Dipannita Chakraborty Dr. Tahira Parvin Dr. Samik Sanyal Dr. Sreeja Karan Dr. Sukanya Roy Dr. Payel Mandal Dr. Soma Soren Dr. Geetanjali Kanwar Dr. Gopikishan Soren Dr. Gunjan Bhat Dr. Tarun Mandal Dr. Avijit Das	Dr. Pooja Sahu Dr. Jadav Asmita Ashok Dr. Sikha Singh Dr. Neha Jain Dr. Subrata Debnath Dr. Sweetly 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. Sahana Bilkis Parveen Dr. Kumari Sikha Dr. Disharee Das

Transfers & postings

Dr. Rahul Deb Mandal joined as Assistant Professor.
There has been no superannuations this year.

REGULAR ACADEMIC ACTIVITIES

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

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

Achievement in the Indian menopausal society International conference 2016-

- Dr. Rashmi Baid: 1st prize in Debate competition of Indian Menopausal society, Kolkata Chapter 2016.
- Dr. Shreeja Karan: 1st prize in Quiz contest at Indian Menopausal society, Kolkata Chapter 2016.
- Dr. Priyadarshini M.: 2nd prize Quiz contest at menopausal society International conference at Prague 2016.
- Dr. Samik Sanyal: 3rd prize in Quiz contest at Indian Menopausal society, Kolkata Chapter 2016.

SERVICE INFORMATION

OPD

Location : Gynecology Building (ground floor)

OPD attendance: Total patient – 72,500 (1.12.2015 to 30.11.2016)

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: 8066

Procedures /investigations performed (01.12.15 to 30.11.16)

- Major operative procedures : 1428
- Minor operative procedures, tubectomy and diagnostic laparoscopy : 2329
- Total number of deliveries (vaginal + LSCS): 4079

Unit distribution

Units	Admission Day	Consultants	Operation Day
IA	Monday	Dr. Sudip Saha Dr. Subesha Basu Roy Dr. Rahul Deb Mandal	Thursday
IIA	Tuesday	Dr. Gourisankar Kamilya Dr. Sarbeswar Mandal	Friday
IIIA	Wednesday	Dr. Partha Sarathi Chakravorty Dr. Dip Narayan Sarkar	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 (P.P.Unit) and PPTCT unit are also running efficiently.

Ophthalmology (Eye)

STAFF

Faculty

Dr. Mita Khan MBBS, MS	Professor & Head
Dr. Amitabha Raychaudhuri MBBS, MS, M.Sc.(CEH)	Professor
Dr. Suchitra Majumder MBBS, MS	Professor
Dr. Mohua Mazumdar MBBS, DO, MS	Assistant Professor (On detailment)
Dr. Amit Kumar Gupta MBBS, DO, MS	RMO cum Clinical Tutor
Dr. Debanjan Sen MBBS, MS	RMO cum Clinical Tutor

Medical Officers

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

Senior Resident

Dr. Manojit Roy MBBS, DO
Dr. Maitreyi Chowdhury MBBS, MS

Para-Medical Ophthalmic Assistant (PMOA)

Sri Surajit Kundu
Sri Soumitra Chatterjee

Transfers, postings and superannuations

- Dr. Amit Kumar Gupta joined as Assistant Professor (on promotion) on 03.02.2016.
- Dr. Sonali Bhattacharya (SR) joined on 17.06.2016.
- Dr. Maitreyi Chowdhury (SR) joined on 01.10.2016.
- Dr. Buddhadeb Ray MO retired on 30.06.2016.

FACULTY NEWS

Prof. (Dr.) Mita Khan

- Acted as Chairperson in a session at the OSWB conference, Kolkata.

Prof. Amitabha Raychaudhuri

- Co-author: E-potsre titled "A study on the demography and clinical features of ocular injuries in a tertiary care hospital" DR. SABYASACHI BANDOPADHYAY, DR. KANCHAN KUMAR MONDAL, DR. AMITABHA RAYCHAUDHURI, DR. ASOK KUMAR NASKAR at the 74th AIOC 2016, Kolkata.
- Co- author: Physical poster titled "Knowledge and pattern of practice to prevent eye injuries by the patients in a tertiary hospital": DR. SABYASACHI BANDOPADHYAY, DR. AMITABHA RAYCHAUDHURI, DR. KANCHAN KUMAR MONDAL, DR. ASOK KUMAR NASKAR at the 74th AIOC 2016, Kolkata.
- Evaluated the INSTRUCTION COURSE abstracts on Comprehensive Ophthalmology at the 74th AIOC 2016, Kolkata.
- Evaluated free papers/posters abstracts on Comprehensive Ophthalmology at the 74th AIOC 2016, Kolkata.
- Examiner, National Board of Examinations.
- Participated as a teacher in the East Zone ARC, AIOS-ICO training program for teachers of Ophthalmology held at RIO, Kolkata and presented "Thesis-Do's and don'ts".

Dr. Mohua Mazumdar

- Principal Investigator in a Clinical Trial comparing two Brinzolamide 1% ophthalmic suspension preparations in the treatment of Open Angle Glaucoma or Ocular Hypertension in both eyes.

REGULAR ACADEMIC ACTIVITIES

- Seminars

- C.M.E. Programmes
- Classes of M.B.B.S. students
- Classes of Nursing students

SPECIAL PROGRAMMES (under N.P.C.B.)

- Observation of 30th Eye Donation Fortnight (25th. August to 8th September) - counseling and distribution of leaflets to all patients in OPD. Posters were displayed at prominent sites.
- On 1st Sept,2016 a presentation on Eye Donation was given at Gokhale Memorial Girls' School, Harish Mukherjee Road, Kol-20.
- Awareness programme for Eye donation was held on 5th September 2016 at LT -5, Academy Building which was attended by the Director, IPGME&R, ADHS(Ophth), doctors from various Deptts, MBBS students, nursing students, nursing staff, P.M.O.A.s, Gr D staff and representatives of Sankara Netralaya, Kolkata and others.
- Observation of World Glaucoma week from 10th. March to 16th. March 2016- counselling and distribution of leaflets to all patients at OPD.
- CME Programme on Glaucoma for the PG students(Ophthalmological Society of WB) was held on 24.09.16 at Eye Deptt –Dr A. RayChaudhuri and Dr A K Gupta were speakers.
- School Eye screening programme (with supply of spectacles free of cost)-
 - 1.Bankim Ghosh Memorial Girl's High School 592 students,60 spectacles
 - 2.Sarat Chandra Paul Girl's High School Post -592 students, 100 specs.
 - 3.Lajpat Hindi High School 701 students, 57 spectacles. 4.
 5. Khidderpur Balika Vidyatan 306 students, specs 40.
 6. Oxford Mission, Behala 132 students, 9specs.Tiljala Boy's High School students 503, specs 100.
- Post-cataract surgery patients were supplied spectacles free of cost..

OTHER SERVICE INFORMATION

Performance (up to 31.10.2016)

- OPD patients - 39094
- Refraction - 10823
- OPD procedures - 6727
- Cataract and other surgeries - 640
- YAG laser application – 62

Procedures and facilities available

- Refraction including Autoref.
- Tonometry (Schiotz and Applanation)
- Ophthalmoscopy (Direct and Indirect)
- Gonioscopy
- Biometry
- YAG laser application
- Glaucoma Clinic - work up and follow-up
- Cornea Clinic
- Vitreo-retinal Clinic
- 24 hours emergency services

Operations done

- Cataract including phacoemulsification with intraocular lens implantation (including NICU patients)
- DCT, DCR
- Trabeculectomy
- Oculoplasty e.g. Ectropion, Entropion, Ptosis correction
- Pterygium surgery with conjunctival autografting
- Ocular injury management
- Vitrectomy
- Other OPD procedures

Neurosurgery OT (when Orbit/ Eyeball is involved)

Intravitreal injections (Ranibizumab) are undertaken.

Referral cases from Plastic Surgery are regularly attended.

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. Kaustuv Das Biswas DLO, MS	RMO cum Clinical Tutor

Senior Residents

Dr. Anindita Sengupta MS, Dr. Suvadip Dhar MS and Dr. Bahnisikha Kayet MS.

Postgraduate trainees

Third year	Second year	First year
<ul style="list-style-type: none"> Dr. Promit Patra (MS) Dr. Prasanta Kander (MS) Dr. Somsubhro Bag (MS) 	<ul style="list-style-type: none"> Dr. Ankit Choudhary (MS) Dr. Joseph Nadakkavukaran (MS) Dr. Sayan Hazra (MS) Dr. Manisha Ray (MS) Dr. Monoj Kumar Khan (DLO) Dr. Pragna Paramita Chattaraj (DLO) Dr. Sangeetha Kumari (DLO) 	<ul style="list-style-type: none"> Dr. Dhiman Basu (MS) 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)

Students passed out in 2016: Dr. Bahnishikha Kayet (MS), Dr. Monsur Alam (MS), Dr. Sanhita Halder (MS), Dr. Shyama Banerjee (MS), Dr. Soumik Basu (MS), Dr. Sanjay Ghosh (DLO), Dr. Shyamaprasad Mukhopadhyay (DLO) and Dr. Sourav Ray (DLO)

REGULAR ACADEMIC ACTIVITIES

The department is involved in post graduate ENT teaching in M.S.(ENT) & D.L.O. Teaching program includes lectures, classes, temporal bone & cadaver dissection (at Temporal bone & Cadaver dissection lab situated in Dept. of Anatomy), seminars, journal club, CME programme, group discussions and clinical meetings which are held regularly.

State and national conferences as well as different workshop in the country are attended by teachers, students and Medical Officers. 72 well organized CME were conducted in the department during the present year. Theoretical & clinical classes of MBBS students are also taken regularly as per Health University schedule.

FACULTY NEWS

Dr. Arunabha Sengupta

- AOICON 2016, Gurgaon
- AISCON, Nov 2016, Kozhikode and chairman of one of the sessions
- Efficacy of local application of Mitomycin-C in reducing recurrence of keloid after surgery. BJOHNS;Dec 2016 (Index Journal)
- Intralesional sclerotherapy with Polidocanol in management of head and neck vascular lesion. BJOHNS;Dec 2016.

Dr. Swapan Kumar Ghosh

- AOICON 2016, Gurgaon
- Visiting Physician Program, House Ear Institute, Los Angeles, USA
- Endo ORL & Skull base workshop at Chennai
- Annual Conference of Otology at Kozhikode, Kerala

- Importance of CT scan of paranasal sinuses in evaluation of the anatomical findings in patients suffering from sinonasal polyposis." IJOHNS Apr-Jun 2016, 68(2): 167-172.

Dr. Sumanta Kumar Dutta

- MID-AOICON 2016 at B. R. Singh Hospital, Kolkata.

Dr. Pijush Kumar Roy

- AOICON 2016, Gurgaon
- Seminar on Otology, Raniganj
- Uttarsang Deshi 2nd Live Micro Ear Surgery and Cadaver Dissection Workshop.

Dr. Alok Ranjan Mandal

- Head & Neck Conference, Raniganj.
- Uttarsang Deshi 2nd Live Micro Ear Surgery and Cadaver Dissection Workshop.

Dr. Debasish Ghosh

- Sandwich Course in Otology, Jaipur.
- Efficacy of local application of Mitomycin-C in reducing recurrence of keloid after surgery. BJOHNS;Dec 2016 (Index Journal)
- Intralesional sclerotherapy with Polidocanol in management of head and neck vascular lesions. BJOHNS;Dec 2016.

Dr. Subhradeb Biswas

- AOICON 2016, Gurgaon.

Dr. Subhadip Dhara

- Head & Neck Conference, Raniganj.

Dr. Anindita Sengupta

- FESS workshop under Guidance of Dr. Renuka Bradoo in LMTH, Mumbai (Nov 2015).
- Efficacy of local application of Mitomycin-C in reducing recurrence of keloid after surgery. BJOHNS Dec 2016.
- Intralesional sclerotherapy with Polidocanol in the management of head and neck vascular lesions. BJOHNS; Dec 2016.

Dr. Kaustuv Das Biswas

- FHNO eastern regional conference FERCON 2016 and oral cancer workshop, 12-13 March.

STUDENT INFORMATION

Student participation in conferences

- Dr. Ankit Choudhary: Paper presentation at 44th State AOICON at Chalsa, Dec 2015 on "Role of HRCT Temporal Bone in surgical planning for active squamosal variety of COM"
- Dr. Ankit Choudhary: 1st prize in Quiz Competition at Uttarsang Deshi 2nd live micro ear surgery and cadaver dissection, September 2016
- Dr. Sandipta Mitra, Dr. Joseph Nadakkavukaran, Dr. Promit Patra: 2nd prize in Quiz Competition at Uttarsang Deshi 2nd live micro ear surgery and cadaver dissection workshop, September 2016
- Uttarsang Deshi 2nd live micro ear surgery and cadaver dissection workshop: Dr. Ankit Choudhary, Dr. Sayan Hazra, Dr. Joseph Nadakkavukaran, Dr. Sangeetha Kumari, Dr. Promit Patra, Dr. Manisha Ray, Dr. Pragna Paromita Chattaraj, Dr. Sandipta Mitra, Dr. Dhiman Basu, September 2016

Ongoing thesis work

1. Dr. Dhiman Basu
COMPARATIVE STUDY BETWEEN TYMPANOPLASTY WITH CORTICAL MASTOIDECTOMY VERSUS PLAIN TYMPANOPLASTY IN MUCOSAL VARIETY OF COM.
2. Dr. Sandipta Mitra
COBALTION VERSUS COLD STEEL ADENOID AND/OR TONSILLECTOMY-A COMPARATIVE STUDY.
3. Dr. Soutrik Kumar
A PROSPECTIVE STUDY OF AUDITORY ALTERATIONS FOLLOWING RADIOTHERAPY IN PATIENTS WITH HEAD AND NECK MALIGNANCY.

4. Dr. Soumendra Nath Mondal
CLINICOPATHOLOGICAL STUDY OF HOARSENESS WITH SPECIAL REFERENCE TO LARYNGEAL SURGERY.
5. Dr. Ankit Choudhary
CLINICAL STUDY OF VARIOUS TYPES OF DEVIATED NASAL SEPTUM.
6. Dr. Joseph Nadakkavukaran
A STUDY ON THE OUTCOME OF TYMPANOPLASTY IN PATIENTS WITH TM PERFORATION HAVING MIXED HEARING LOSS.
7. Dr. Manisha Ray
STATUS OF OSSICULAR CHAIN IN VARIOUS TYPES OF COM.
8. Dr. Sayan Hazra
BENIGN VOCAL CORD LESIONS- COMPARATIVE STUDY BETWEEN LASER SURGERY & COLD SURGICAL TREATMENT.
9. Dr. Promit Patra
CLINICAL STUDY TO EVALUATE SEQUELAE OF TOTAL THYROIDECTOMY
10. Dr. Prasanta Kander
CLINICOPATHOLOGICAL PROFILE OF SINO NASAL MASSES AND THEIR RADIOLOGICAL CORRELATION.
11. Dr. Somsubhro Bag
CLINICAL, RADIOLOGICAL & PATHOLOGICAL EVALUATION OF METASTATIC CERVICAL LYMPH NODES IN HEAD & NECK MALIGNANCIES.

SERVICE INFORMATION

We have started Cochlear Implant surgeries, LASER and navigation image guided surgery for skull base lesions. A total of 8 Cochlear Implant surgeries, 11 navigation image guided surgeries and 15 Laser assisted surgeries has already been done in the ENT main OT. Endoscopic Trans-sphenoidal Pitutary surgery is now routinely performed in ENT OTs with the help of Neurosurgeons. Along with micro-ear surgeries and FESS we are frequently doing difficult head neck surgeries on cancer patients.

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 .The department is regularly conducting workshop, seminars and other academic sessions much to the benefit of the post graduate students and faculty.

OPD patient count

		New Case			Old case		
Month	Males	Females	Total	Males	Females	Total	Grand Total
Nov 2015	3235	2443	5678	2026	1090	3116	8794
Dec 2015	2508	2058	4566	1908	1588	3496	8062
Jan 2016	2525	2035	4560	1601	1209	2810	7370
Feb 2016	3030	2451	5481	2210	1834	4044	9525
Mar 2016	2651	2223	4874	1990	1215	3205	8079
Apr 2016	2597	2193	4790	1797	1101	2898	7688
May 015	3209	2832	6041	1868	1268	3136	9177
Jun 2016	3243	2705	5948	2443	2105	4548	10496
Jul 2016	3615	2854	6469	3115	2011	5126	11595
Aug 2016	3052	2616	5668	1105	1168	2273	7941
Sep 2016	3087	2649	5736	2287	2149	4436	10172
Oct 2016	3084	2614	5698	2342	2114	4456	10154
Year Total	35,836	29,673	65,509	24,692	18,852	43,544	1,09,053

ENT admission count

Month	Admission				Discharge		Death	
	OPD		ER		Male	Female	Male	Female
	Male	Female	Male	Female				
Nov 2015	72	91	4	14	90	103		
Dec 2015	93	65	19	7	109	75	1	
Jan 2016	99	102	6	14	91	85		
Feb 2016	89	55	10	13	97	78		
Mar 2016	103	55	15	9	86	79		
Apr 2016	66	77	8	23	69	93		
May 015	89	59	10	11	84	75	1	
Jun 2016	81	77	17	23	90	96	1	
Jul 2016	85	61	19	13	86	79		
Aug 2016	77	48	38	22	94	100		
Sep 2016	74	75	18	16	89	75	1	
Oct 2016	77	81	21	20	78	77		
TOTAL	1005	846	164	185	1063	1015	4	

Surgery count (Main OT)

Month	Major	Minor	TOTAL
Nov 2015	145	10	155
Dec 2015	160	6	166
Jan 2016	143	3	146
Feb 2016	148	4	152
Mar 2016	180	5	185
Apr 2016	149	4	153
May 015	190	8	198
Jun 2016	147	7	154
Jul 2016	145	4	149
Aug 2016	168	7	175
Sep 2016	160	8	168
Oct 2016	202	7	209
TOTAL	1937	73	2010

Audiovestibular Laboratory

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

Tests done in the months 1st November, 2015 to 31st October, 2016

Months	PTA	Tympanometry	BERA	ENG	Speech therapy
Nov 2015	212	175	7	5	9
Dec 2015	335	150	2	2	10
Jan 2016	375	115	5	5	5
Feb 2016	254	120	4	4	4
Mar 2016	335	115	3	3	9
Apr 2016	418	180	3	1	10
May 015	232	170	2	1	9
Jun 2016	411	220	5	3	9
Jul 2016	350	195	4	2	8
Aug 2016	225	115	3	2	9
Sep 2016	345	220	3	3	11
Oct 2016	224	185	3	3	9
TOTAL	3716	1960	44	34	102

Orthopedics

Faculty

Prof Ananda Kisor Pal	MBBS, MS, DNB	Professor & Head
Prof. Koushik Chakraborty	MBBS, MS	Professor
Prof. 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

Senior Residents

Dr. Sagnik Roy	MBBS, MS
Dr. Saikat Sau	MBBS, MS

Junior Residents (MS Students)

- | | | |
|------------------------|-----------------------|-------------------------|
| • Dr. Pratik Mundara | • Dr. Debanjan Adak | • Dr. Ayan Ghosh |
| • Dr. Pratik Agarwala. | • Dr. Argha Kusum Roy | • Dr. Vaibhav Singh |
| • Dr. Amit Vidyarthi | • Dr. Ram Hari | • Dr. Abhijit Gorai |
| • Dr. Satyajit Mura | • Dr. Abhay Sarkar | • Dr. Arijit Mondal |
| • Dr. Sumanta Panja | • Dr. Mujibur Rahman | • Dr. Salil mondal |
| • Dr. Arup Saha | • Dr. Chetan | • Dr. Priynath Majumdar |

FACULTY NEWS

Prof. A. K. Pal

- Tips and tricks of Osteosynthesis of distal humerus fractures " ---Delivered in CME on 05-01-2016 at Murshidabad medical college
- Myths and realities of Osteoporosis Delivered in CME of ExstudentReunion at Calcutta Medical college on 29-01-2016
- Pathogenesis of infection Delivered in CME of WBOA Annual conference held at Burdwan 12 to 14 Feb 2016
- Tips of management of Open fractureDelivered in EIOT Conference at NRS MC &H on 11-03-2016
- Prosthetic replacement of elbow for distal humerus fractures – A myth or reality Delivered in National conference on CURRENT CONCEPT OF TRAUMA on 06 -04 -2016 held at Hyatt Rejency Kolkata
- Management of distal elbow fractures Delivered in CME held at Chinsura on 01-05-2016
- An approach to neckache ... Delivered on monthly CME of WBASM in IPGME&R Kolkata , 05-05-2016
- Common mistakes in publication ... Delivered in Seminar on HOW TO PUBLISH PAPER in Calcutta Medical College on 11-05-2016
- "History and Epidemiology of club foot " Delivered on 3-6 -2016 at Club foot symposia at Science congress hall
- Surgical approaches of OR and Tips of ORIF of recent intracapsular fracture neck of femur Delivered at conference at KASCON 12-06-2016

- Preoperative checkup & Postoperative Care of Amputations..... Delivered in Annual workshop at NIOH on 26 -07-2016
- Invasive treatment of Osteoarthritis Delivered in symposium of OA on 30-07-2016
- An approach to Sport injury related groin pain Delivered in monthly CME of WBASM held at IPGMER Kolkata on 04-08-2016
- Minimal invasive osteosynthesis of Trochanteric fractures Delivered in Trauma conference at KOCHI on 23-25th Sept 2016
- An approach to OA of knee Delivered in Symposium on Osteoarthrosis at Hotel Hindusthan International on 11-11-2016
- The past present and future of treatment of OsteoporosisDelivered in CME held at Asansole on 17-11-2016
- Red swollen knee acute & 6 months postop in a previously happy patient , how to proceed ? Delivered in Annual conference of West Bengal Arthroplasty Association at Gateway Hotel on 19-11-2016
- Minimal invasive Osteosynthesis of Orthopaedicsin trauma update on 03-11-2016
- An approach to neuropathic pain In midcon of WBASM on 04-12-2016
- Osteosynthesis of ununited femoral neck fracture by internal fixation combined with iliac crest bone chips and muscle-pedicle bone grafting.... To be delivered in National conference of Indian Orthopaedic Association at KOCHI on 15-11-2016

Conduction of scientific sessions

- Core faculty of 12th Post graduate instructional course lecture held on 7th & 8th Jan 2016 at Burdwan Medical College & Hospitals, Burdwan.
- Trauma update on Fracture shaft humerus in Hotel Hindusthan International on 17-07-2016
- Trauma conclave at Novotel, Rajarhat.
- Trauma update on fractures around the elbow in Golden Park hotel on 27-11-2016.

Examinations conducted

- MS (Orthopaedics) of WB Health University .
- D (Orthopaedics) supplementary exam.
- DNB (Orthopaedics) exam on 11 & 12th November 2016.

Conferences organized

- Annual conference of WBASM in Narayana Health Care Hospitals at Howrah on 27-03-2016.
- Midterm conference of WBASM in Narayana Health Care Hospitals at Howrah On 04-12-2016.

Dr. Arnab Karmakar

Lectures and presentations

- Lecture on ACL reconstruction in knee arthroscopy workshop of WBOACON, Feb. 2016.
- Lecture on plates at EIIOT April 2016 at NRSMBH.
- Lecture on MIPPO HUMERUS August 2016 at trauma update conference of AOTS, Kolkata.
- Poster presentation at SICOT international Conference at Rome, September 2016.
- Convener of advance knee arthroscopy workshop and presenter at annual conference of Indian Arthroscopy Society at Kolkata, September 2016.

Award winner

- The Orthopaedic Department of IPGME&R was awarded as Best Orthopaedic Department of West Bengal of year 2015-2016 - for presentation of cases in Monthly clinical meeting.

ACADEMIC ACTIVITIES

- Regular Academic 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 Thursday.
- PGT's orientation programme .
- MS (Ortho) Examination conducted.
- Conducted DNB (Ortho) Examination on 11 & 12 Nov, 2016.
- D (ORTHO) Supplementary Examination held on 20.10.2016.
- Webinar on management of proximal tibial fracture held on 22.10.2016
- Competitive seminar of PGTs held on 26.10.2016.
- Seminar on Bone Substitute held on 09.11.2016.
- Monthly Tumor Board meeting held in every 3rd Saturday.

Theses work in progress

- SATYAJIT MURA – evaluation of close reduction and external fixation of proximal humerus fractures in adults.
- PRATIK MUNDHARA – comparative evaluation of the efficacy of arthroscopic Bankart repair and modified Boytchev technique for surgical correction of recurrent dislocations of shoulder.
- PRATIK AGARWAL – experiences of intramedullary fixation in fracture shaft of clavicle.
- ARUP SAHA – evaluation of hybrid fixation in tibial plateau fracture.
- AMIT VIDYARTHI – Experiences of surgical management of fracture shaft of humerus in adults using Ender's nail.
- SUMANTA PANJA – evaluation of minimal invasive plate osteosynthesis in distal femur fractures.
- SUDARSHAN BEHERA – comparison between outcome of primary total elbow arthroplasty vs. open reduction and internal fixation of injury around elbow in the old age .
- SAGNIK RAY – management of comminuted distal humerus fracture with minimal internal fixation and external fixation in the form of Jess.
- RAJKUMAR SINGH – evaluation of results of closed reduction and internal fixation of intertrochanteric fracture of femur with ender's nail and cannulated cancellous screw fixation in elderly
- MUJIBAR RAHAMAN – Evaluation of Result in gradual distraction of JEES in case of neglected CTEV.
- ABHAY SARKAR – Comparative evaluation of Osteosynthesis of diaphyseal femur fracture by ENDER versus TENS nail.
- DEBANJAN ADAK – Evaluation of result of closed reduction and internal fixation of intertrochanteric fracture of femur with DHS by minimally invasive procedure.
- CHETAN – Comparative Evaluation of results of close reduction and external fixation versus open reduction and internal fixation of proximal Tibia fracture in adult patients.
- 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 fracture in adult.
- RAMHARI DUTTA – Comparative Evaluation of results of close reduction and external fixation versus open reduction and internal fixation with plate screw fixation for distal humerus fractures in adult.

Cases presented in Annual Clinical Meeting held on Oct 22, 2016

- Follow up study of a case of infective non union tibia managed by biological solution.
- 12 years follow up of total elbow replacement.

- Follow up study of a case of muscle pedicle bone grafting.
- Follow case of chronic osteomyelitis treated with interosseous bone grafting..

Paper Presentation In WBOA-CON, 2015

Dr. Pratik Mundhara – A case of congenital pseudo arthrosis of tibia managed by biological solution.

Publications

Prof. A. K. Pal

- Baksi D.D., Pal A K, Baksi D.P.: Osteosynthesis of ununited femoral neck fracture by internal fixation combined with iliac crest bone chips and muscle-pedicle bone grafting . Indian Journal of Orthopaedics, Vol 50, Issue 4, July August 2016, p 366-373

Dr. D. Biswas Dr. Arnab Karmakar & Dr. A. Ghosh.

- Role of Union and Complication between MPBG & Free Fibular Graft in fracture neck of femur-A Comparative study- IJSS, 1017354/ijss/2016/100.
- Assessment of Vascularity of femoral head after post traumatic fracture neck femur of variable period - Pankaj Sonowal, Arnab Karmakar, Dibyendu Biswas, Debasish Mukherjee, Hibjul Ali Khan-published in IJSS March 2016.
- Surgical management of uncomplicated hallux varus deformity in an adolescent. Journal of evolution of Medical and Dental Science, April 2014, Vol 3:14, 3652 – 3656

SERVICE INFORMATION

No of Patients attended in Orthopedics OPD - 195342.

No of Patients operated in Emergency Ortho O.T - 1158

No of Patients operated in ortho main O.T- 1622

No of Patients admitted in Orthopedics ward- 4215

Joint Replacements (last one year)

THR done - 56

TKR done - 10

TER done - 5

Arthroscopic Operations (last one year)

ACL Reconstruction done - 56

Repair in case of Shoulder instability done - 12

Spinal Surgery done (last one year) – 8

Deformity correction by Illizarov fixator – 10

Pediatric Medicine

FACULTY

Dr. Supratim Datta	DCH, MD	Professor & HOD
Dr. Sumana (Datta) Kanjilal	MD	Professor
Dr. Mrinal Kanti Das	MD	Professor
Dr. Dipankar Gupta	MD,DCH,DNB,DM(Neuro Medicine)	Associate Professor
Dr. Malay Kumar Sinha	DCH,MD	Associate Professor
Dr. Sumantra Sarkar	MD	Associate Professor
Dr. Anirban Chatterjee	MD	Assistant Professor
Dr. Sarbani Mishra	MD	Assistant Professor
Dr. Subham Bhattacharya,	MD, DM(Clinical Hematology)	Assistant Professor
Dr. Bidhan Chandra Roy	MD	RMO-cum clinical tutor
Dr. Koushik Pramanik	MD	RMO-cum clinical tutor
Dr. Sanada Pati	MD	RMO-cum clinical tutor
Dr Arup Kumar Roy	DCH	Senior Resident
Dr. Anu Garg	MD	Senior Resident
Dr. Bappaditya Das	MD	Senior Resident
Dr. Gargi Das	MD	Senior Resident
Dr. Sanjukta Bhattacharya	DCH	Medical Officer

Transfers and postings

- Dr. Suman Sarkar has been promoted to the post of Associate Professor and transferred to Chittaranjan Seva Sadan (Feb 2016)
- Dr. Anirban Chatterjee has been promoted to the post of Associate Professor (Feb 2016)
- Dr. Subham Bhattacharya, Assistant Professor, has joined after completing DM (Clinical Hematology)(Aug 2016)
- Dr. Bidhan Chandra Roy has been promoted to the post of Assistant Professor (Nov 2016)
- Dr. Sutanu Chatterjee, Medical Officer has been transferred to Rampurhat Health District Hospital (March 2016)
- Dr. Sandip Kumar Mandal resigned from the post of Senior Resident (January 2016)
- Dr. Anu Garg and Dr. Bappaditya Das joined as Senior Resident (April 2016)
- Dr. Gargi Das joined as Senior Resident (Nov 2016)

Postgraduate trainees (MD Students)

Session 2014-17	Session 2015-18	Session 2016-19
<ul style="list-style-type: none"> • Dr. Jayanta Kumar Sarkar • Dr. Sudipta Dhak • Dr. Partha Pratim Pal • Dr. Joydev Kisku 	<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

ACADEMIC ACTIVITIES

- Regular postgraduate and undergraduate teaching and clinical training
- Weekly seminars and case presentation
- Monthly Mortality Meeting
- Journal club
- Interdepartmental discussion
- Guest Lectures
- WBAP clinical meeting yearly held in November every Year
- Pediatric Intensive Clinical meeting yearly

- First Pediatric Neurology Clinical Meeting
- IAP Postgraduate and Undergraduate Quiz Program

Thesis topics

- Dr Sudipta Dhak- Clinico-epidemiological study and laboratory profile of viral hepatitis A in children.
- Dr Partha Pratim Pal- Clinical profile and outcome of ADEM in Children
- Dr Joydev Kisku – Study of clinical profile of Wilson disease in children with special emphasis on Neuroimaging in Neurological presentation in a tertiary care centre.
- 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 neuroimaging of children with acute seizures 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 Study on efficacy and safety of rituximab therapy in difficult to treat SDNS
- Dr. Kaushambi Basu - Study on clinico-epidemiological profile of HLH & outcome in children in a tertiary care hospital.

Passed out MD PGTs in 2015

Dr. Gargi Das, Dr. Amit Sekharay, Dr. S Rutsa appeared and Dr. Jayanta Kumar Sarkar [Session 2014-16] passed MD examination in first attempt.

Academic achievements of PGTs and UG students in last 1 year

- Dr. Partha Pratim Pal, 3rd year PGT presented paper on 'Clinical Profile and Outcome of ADEM in Children' in the award paper presentation in 35th WB Pedicon and East Zone Pedicon and stood First.
- Dr. Asha Kalwar, 2nd year PGT Presented poster on "Hypereosinophilic syndrome in a child presented with congestive heart failure and cardiogenic shock" in 35th WB Pedicon and East Zone Pedicon.
- Dr. Partha Pratim Pal and Dr Sudipta Dhak, both 3rd year represented the Institute in the NNF PG QUIZ State round at NRS Medical College and Hospital.
- Dr. Kaushambi Basu, Dr. Jayati Das both 1st year PGT represented the Institute in the inter college round of IAP PG Quiz at Burdwan Medical college
- Rahul Manna and Subhasish Santra, final year MBBS students participated in the inter college IAP UG Quiz at Institute of child Health
- All the PGTs presented case in the Clinical meeting, Neurology CME and PICU CME under WBAP.
- Department has organized Class Assistant ship Examination for the first time in 2016 and Sayantan Chakraborty has been selected as Class assistant among the MBBS students (batch 2012) this year.

Departmental Research

'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

- Chatterjee A, Datta S. Recurrent acute disseminated encephalomyelitis: A favorable outcome among recurrent brain diseases in pediatric patient. J Pediatr Neurosci. 2016;11:241-243.

- A Study of Knowledge ,attitude and practice regarding administration of pediatric dosage forms and health literacy of care givers for the children. Accepted for publication in the Journal of Family Medicine & Family Care

Ongoing research

- Correlation between Iron Deficiency anemia , Hypothyroidism and Hearing Impairment in Children attending a tertiary care Hospital.

Conference participation

- Chairperson in the Scientific Session, GastroPedicon 2016
- Faculty Panelist East Zone Pedicon 2016
- Delegate in the CME "Hemophilia in Children" in July 2016
- Delegate in the Pediatric Neurology CME,Park Children, Kolkata
- Delegate in the "Epilepsy Update" in Kolkata
- Delegate in the Annual CME of ICH, Kolkata

Other activities

- Convenor of MD Pediatric medicine exam of WBUHS, May 2016
- Post graduate question paper setter, MD of WBUHS,WB

Prof. Sumana (Datta) Kanjilal

Publications

- 1. Lahiri S, Datta S, Chakrabarty D, Das P, Mondal D, Nandi D. Can use of low-cost white reflecting curtains increase the efficacy of Phototherapy? Journal of Clinical Neonatology, vol.5, issue 2, April-June 2016, pp.100-105.

Ongoing Projects:

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

Research Work:

- 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.

Special courses Undertaken:

- 1 Completed the Paediatric Epilepsy Training course of British Paediatric Neurology Association- PET I (Level I) on 28. 8. 16 & earned 6 CPD points

Conference Participation:

- 'Faculty' of the session 'Liver transplant' of 3rd ISPGHAN Conference , held on 24th & 25th September, 2016.
- 'Faculty' of the session 'TIPSS' of 3rd ISPGHAN Conference , held on 24th & 25th September, 2016.
- 'Faculty' of 23 East Zone & 35 WB Pedicon, held on 12th & 13th Nov, 2016.
- Delegate in the Polio End Game Plan of Indian Academy of Pediatrics,6th March, 2016.
- Delegate in the CME on 'VACCINDICON' of Indian Academy of Pediatrics, 23rd & 24th April, 2016.
- Delegate in the CME of IHTM Masterclass , 6th & 7th February, 2016.
- Delegate in the CME of WB chapter of Pediatric Pulmonology, 3rd July 2016.

Examiner:

- Convenor -Final M.B.B.S Examination Part II (Pediatrics) of West Bengal University of Health Science, Kolkata held on February, 2016.
- Convenor -Final M.B.B.S Examination Part II (Pediatrics) (Supple.) of West Bengal University of Health Science, Kolkata,2016.
- Internal examiner- DM (Neonatology), IPGMER & SSKM Hospital held on June , 2016
- Paper setter- DCH Examination of West Bengal University of Health Science, 2016

Other:

- Acted as guide of theses of post graduate student of IPGMER.
- Acted as guide of Ms.Tanaya Ghosh, an observer from Arizona State University, US, February, 2016.
- Adjudicator of MD (Pediatrics) theses of WBUHS.
- Guided the presentation of poster paper on ' Hypereosinophilic syndrome in a child presented with acute heart failure & cardiogenic shock' in the 23rd East Zone & 35 WB Pedicon, held on 12th & 13th November, 2016.
- Member of Advisory Committee of 23rd East Zone & 35 WB Pedicon, November, 2016 .
- Chairperson of Award Paper Selection Sub Committee, 3rd ISPGHAN Conference ,held on September, 2016.

Prof. Mrinal Kanti Das

Publications

- Nandi M, Das MK, Nandi S. Failure to thrive and nephrocalcinosis due distal renal tubular acidosis – a rare presentation of pediatric lupus Nephritis. Saudi J Kidney Dis Transpl. 2016 Nov-Dec;27(6):1239-1241
- Nandi M, Roy SM, Das MK, Datta C. Neonatal-onset hemophagocytic lymphohistiocytosis associated with primary dengue infection. Med J DY Patil Univ 2016;9:639-41.

Conference Participation

- Faculty in 23 East-Zone & 35 W.B.PEDICON,2016, W.B. Academy of Pediatrics.

Examiner

- External examiner for MD (Ped) exam.2016
- Assam Medical College, Dibrugarh, Assam.
- Paper Setter :Manipur Univ. ,Imphal.

Other Activities

- Adjudicator of MD (ped) Thesis : S.S.Univ. of Health Sciences, Assam; Manipur University, Imphal; W. B. Univ. of Health Sciences
- Guide of Post-graduate (M.D., Ped) student.
- 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. Sumantra Sarkar

Publications

- Nandi M, Sarkar S, Dhibar T. A rare inborn error of metabolism masquerading as meningitis. Med J DY Patil Univ 2016;9:753-5.
- Sarkar S, Kumar R, Nandi M. A Rare Skin Disorder Misdiagnosed as Juvenile Idiopathic Arthritis. Indian J Pediatr. 2016; 83(7):742-3. doi: 10.1007/s12098-015-1922-0. Epub 2015 Nov 12.2015
- Samanta M, Mondal R, Shah A,.. Sarkar S. Animal Bites and Rabies Prophylaxis in Rural Children: Indian Perspective. J Trop Pediatr. 2016 ;62(1):55-62. doi: 10.1093/tropej/fmv072. Epub 2015 Oct 28.
- Sarkar S, Misra S, Nandi M. Pityriasis rubra pilaris and mesangial proliferative glomerulonephritis in a child: Association or coincidence?. Indian J Nephrol 2016;26:61-2
- Nandi M, Sarkar S, Mondal R, Dhibar T. Posterior reversible encephalopathy syndrome: Some novel associations South African Journal of Child Health 2015;9(4):137-139. DOI:10.7196/SAJCH.2015.v9i4.934
- 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

Reviewer of International Journals

- Saudi Journal of Kidney Disease and transplantation
- International Journal of Nursing and Midwifery
- Pediatrics Today
- Indian Journal of Public Health

Conference Participation

- Faculty ' in the debate session of ' Asymptomatic Mantoux Positive should be treated' in the Diamond Jubilee celebration CME of Institute of Child Health[15.08.16]
- 'Faculty Panelist' in the session of 'Airway Sounds' at the XI annual CME of West Bengal Chapter of Pediatric Pulmonology on held at Kolkata [03.07.16]
- 'Faculty' in the 12 th Annual National level Pediatric Rheumatology CME 2016 by West Bengal Pediatric Rheumatology Society and West Bengal Academy of Pediatrics at Kolkata. And delivered a lecture on 'Juvenile Idiopathic Arthritis.'[15.05.16]
- 'Delegate' in the 5th Introductory Course on Primary Immunodeficiency Diseases organized by Institute of Child Health in collaboration with Indian Society of Primary Immune Deficiency [02.10.16]
- Delegate' in the workshop Gastro Pedicon

State level Programs:

- Attended as a Faculty in the Institutional awareness program on ZIKA Virus Disease at IPGIMER,SSKM Hospital Kolkata under Govt. of West Bengal [March 2016]

- Attended as a State level Facilitator in the 2 day training program “Mother’s Absolute Affection” at Swasthyabhavan , under Govt. of West Bengal, Dept. of Health & family welfare and State Family Bureau in collaboration with National Rural Health Mission (NRHM).[Dec 2016]
- Other Activities
- Post Graduate Thesis Adjudicator and Examiner Final M.B.B.S Examination Part II (Pediatrics) under West Bengal University of Health Science, Kolkata

Dr. Anirban Chatterjee

Publications

- Chatterjee A, Bhattacharya S. Primary Cerebral Hydatid Cyst: A rare case of parasitic brain disease from non-endemic zone. Sch. J. App. Med. Sci., 2016; 4(5C):1665-1668
- Chatterjee A, Datta S. Recurrent acute disseminated encephalomyelitis: A favorable outcome among recurrent brain diseases in pediatric patient. J Pediatr Neurosci 2016;11:241-3

Other activities

- Co-guide for the research project titled ‘Vitamin D level in Idiopathic musculoskeletal pain’
- IAP postgraduate quiz competition 2016: presenter and moderator in IPGMER

Dr. Sarbani Roy Misra

Publications

- Sarkar S, Misra S, Nandi M. Pityriasis rubra pilaris and mesangial proliferative glomerulonephritis in a child: Association or coincidence?. Indian J Nephrol 2016;26:61-2
- Nandi M, Roy SM, Das MK, Datta C. Neonatal-onset hemophagocytic lymphohistiocytosis associated with primary dengue infection. Med J DY Patil Univ 2016;9: 639-41.
- 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 the 23 East Zone & 35 WB Pedicon – held on 12,13 November 2016
- ‘Delegate’ in the 3rd ISPGHAN CON 2016 – held on 24,25 September 2016
- ‘Delegate’ in the meeting organized by Child Health foundation on” Polio Endgame& IPV Introduction in India: Critical Role of Medical Professionals”- held on 6th March, 2016.

Dr. Bidhan Chandra Roy

Publications

- Roy BC, Chatterjee M. A tertiary hospital based study on various triggers of asthma exacerbation among children. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS). e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 15, Issue 4 Ver. X (Apr. 2016), PP 92-94.
- Roy BC, Chatterjee M. Environmental Tobacco Smoke and Cooking Smoke As Risk Factors of Childhood Asthma: A Tertiary Hospital Based Study. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 15, Issue 5 Ver. VI (May. 2016), PP 13-16.
- Roy BC, Chatterjee M. Effect of Breastfeeding in Childhood Asthma: A Tertiary Hospital Based Study. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS). e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 15, Issue 7 Ver. III (July. 2016), PP 113-116.

Other activities

- Nodal officer (IPGMER and SSKM Hospital Unit) for WHO-AFP surveillance program.

Dr. Sanada Pati

Publications

- Pati S, De S, Ghosh T, Ghosh M. Multifocal pure tubercular osteomyelitis: An unusual presentation in childhood. Indian Journal of Tuberculosis [Internet]. 2016 [cited 16 June 2016]; Available from: <http://dx.doi.org/10.1016/j.ijtb.2016.01.004>

Other activities

- Organized and conducted the Under graduates Pediatric quiz [intra college level] in the Dept of Pediatrics, IPGME&R as a part of national IAP program.

SERVICE INFORMATION

Total beds 90

- 60 beds at Alexandra ward, 4th floor Main building as General Pediatric and Specialty Pediatric Ward Including Oncology Ward
- 30 beds at Sambhu Nath Pandit Hospital

Total annual admission in Pediatric ward – 4141 [2945 in 2015 and 2550 in 2014]

Total annual death in ward – 242 (5.84%) [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

- Total Admission in PICU – 366 [360 in 2015 , 179 in 2014]
- Total patient ventilated – 140 [132 in 2015, 74 in 2014]
- Total patient recovered from critical illness – 262 [265 in 2015, 130 in 2014]
- Patient Survival Rate – 71.58% [73.61 % in 2015 , 72.6 % in 2014]
- Survival of ventilated patient – 49.3% [49.3 % in 2015 , 43.6 % in 2014]

Pediatric medicine OPD and specialty clinic

Located at the ground floor of Eastern Wing of Main Block since April 2014

- Total annual attendance of patients: 44633 [44686 in 2015, 32635 in 2014]
- Old patients – 16755 [21114 in 2015, 11742 in 2014]
- New patients – 27878 [23572 in 2015, 20893 in 2014]

Admission days

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

Special clinics

Clinic	In-Charge	Day and time
Pediatric Neurology	Dr. Dipankar Gupta	Thursday (1 – 2 pm)
Pediatric Pulmonology	Dr. Sumantra Sarkar	Saturday (1 – 2 pm)

Well Baby & Immunization Clinic – Every Wednesday and Friday

Patient care service for the newborn babies in the annex institutes

- Sambhu Nath Pundit Hospital – Regular round by the faculty staff for last 4 years.
- Khidirpur Maternity Home – Round the clock service by the doctors started from August 2014.

Developmental activities

- A new PICU lab and a research laboratory are coming up in the Alexandra Ward, 5th floor of the Main Block.

Pediatric Surgery

STAFF

Faculty

Dr. Ruchirendu Sarkar M.S., M.Ch.	Professor & Head
Dr. Rishavdeb Patra M.S., M.Ch.	Associate Professor
Dr. Sujitesh Saha M.S., M.Ch.	Associate Professor
Dr. Janaki Bisht M.S., M.Ch.	Assistant Professor
Dr. Tirtha Roy M.S.	RMO
Sr. Alope Kumar Sinha Babu M.S., M.Ch.	Senior Resident

Postdoctoral (MCh) trainees

Dr. Avijit Mitra M.S.	M.Ch. Trainee
Dr. Aneek Roychoudhury D.N.B.	M.Ch. Trainee
Dr. Nirup Biswas M.S.	M.Ch. Trainee
Dr. SOMak Biswas D.N.B.	M.Ch. Trainee

House staff

Dr. Prachi Sharma M.B.B.S.	House Staff
Dr. Nidhi Sharma M.B.B.S.	House Staff
Dr. Sujata Maji M.B.B.S.	House Staff

FACULTY NEWS

Dr. Ruchirendu Sarkar

Conference attended:

- AMASICON 2016, Science City, Kolkata: 16th –19th of November, 2016.

Dr. Rishavdeb Patra

Conference attended:

- AMASICON 2016, Science City, Kolkata: 16th –19th of November, 2016

Service information

OPD: Monday, Wednesday, Friday O.T. Days: Daily (except Sundays & specified holidays)

Total OPD cases	Total admissions	Total operations
Paediatric Surgery New: 6024 Old: 7800	Pediatric Surgery: 1025	Pediatric Surgery: 1162 Emergency: 65 Elective Major: 923 Elective Minor: 174

Pathology

Faculty

Prof. Manoj Kumar Choudhury	MBBS, MD	Professor & HOD
Prof. Chhanda Datta	MBBS, MD	Professor
Prof. Mamata Guha Mallick	MBBS, MD	Professor
Prof. Madhumita Mukhopadhyay	MBBS, MD	Professor
Prof. Asim Kumar Manna	MBBS, Dip, BMS, MD	Professor
Prof. Uttara Chatterjee	MBBS, MD	Professor
Dr. Suchandra Ray	MBBS, MD	Associate Professor
Dr. 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, 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

Postgraduate trainees (MD students)

Session 2014-17	Session 2015-18	Session 2016-19
<ul style="list-style-type: none"> • Dr. Dipan Das • Dr. Zeenat Ara • Dr. Madhumita Paul • Dr. Adahra Patricia Beso • Dr. Piyali Podder • Dr. Goutam Bera • Dr. Mousumi Kar • Dr. Madhu Kumari • Dr. Soma Sabui • Dr. Moumita Chatterjee 	<ul style="list-style-type: none"> • Dr. Priyanka Maity • Dr. Tamanna Parvin • Dr. Diya Das • Dr. Ananya Biswas • Dr. Nelofer Islam • Dr. Soumendra Mishra • Dr. Soumya Kanti Pramanik • Dr. Tushar Kanti Das • Dr. Pratap Mondal • Dr. Sucharita Sarkar 	<ul style="list-style-type: none"> • Dr. G VinayAnand • 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

FACULTY NEWS

- Prof. Manoj Kumar Choudhury has acted as an external-expert in selection of the faculties in PGI, Chandigarh & also as a MD examiner in the same institute.
- 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 and 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 also convener of MBBS examination under WBUHS.
- Prof. Asim Kumar Manna has acted as internal examiner of MBBS examination under WBUHS.

- Prof. Uttara Chatterjee delivered lectures in Hyderabad at the Annual Conference of ISNCON in April 2016 and in the West Bengal chapter of the annual IAPM conference in September 2016, held at NRS Medical College.
- Dr. Debasish Chakraborty has acted as an external examiner in MBBS in Silchar.
- Dr. Keya Basu acted as internal examiner of DMLT final examination under State Medical Faculty.
- Dr. Chhanda Das has enrolled for PhD under Calcutta University in 2016.

REGULAR ACADEMIC ACTIVITIES

Apart from classes of MBBS & MD pathology courses, pathology lecture classes of BPT, BSc (Nursing) and DMLT 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 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.

In addition, our department hosted a CME in Cytology on 1st & 2nd April, 2016 where Prof. Pranab Dey from PGI Chandigarh and Prof. Prabal Deb from R&R, New Delhi delivered lectures and conducted workshop.

Dr. Subrato Chakraborty, from Toronto (Canada), presented a slide discussion on GI endoscopic biopsy. Prof. Chitra Sarkar from AIIMS, New Delhi, delivered a lecture on the updated WHO classification of CNS tumors.

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

14 students have successfully completed MD Pathology course in 2016.

Total of 39 publications have been accepted & published in different national and international journals by faculties and students during the period from 1st January to December, 2016.

RESEARCH PROGRAMS

The department of pathology, IPGIMER received WBDST FIST Grant of Rs.15 Lakhs in 2016.

- "Role of calretinin in Hirschsprung disease in infants" from WBDST under Prof. Madhumita Mukhopadhyay.
- "Role of IDH1 in glial tumors" from WBDST under Prof. Chhanda Datta and Prof. Uttara Chatterjee.

Thesis projects ongoing

Student	Guide	Topic
Dr. Dipan Das	Dr. Keya Basu	Local and systemic imbalance of CD4+ t cells in granulomatous colitis.
Dr. Zeenat Ara	Dr. Debasish Chakraborty	Comparative analysis of histomorphology of urinary bladder carcinoma with special reference to p63 and CK 20 expression in a tertiary care hospital.

Dr. Madhumita Paul	Dr. S. Roy	Clinicopathological evaluation of sinonasal lesions among patients presenting in a tertiary care hospital with special reference to immunohistochemical marker Ki-67.
Dr. Adahra Patricia Beso	Dr. R. Saha	Study of malignant gastric neoplasm and its peritoneal metastases in relation with serum ca125 level.
Dr. Piyali Podder	Prof. Chhanda Datta	Ki-67 labelling index, her2/neu overexpression and androgen receptor status in prostate carcinoma-a core needle based study in a tertiary care hospital.
Dr. Goutam Bera	Prof. Uttara Chatterjee	Clinicopathological study of hepatoblastoma and its correlation with expression of beta-catenin and proliferative indices.
Dr. Mousumi Kar	Prof. M. K. Chowdhuri	Study on diagnostic role of desmin & comparative analysis of expression of her-2-neu & cadherin with respect to myoinvasion in urothelial carcinoma of urinary bladder.
Dr. Madhu Kumari	Prof. Madhumita Mukhopadhyay	Study on genetic polymorphism of RET proto oncogene in Hirschsprung's disease in children.
Dr. Soma Sabui	Prof. A. K. Manna	Clinicopathological study of Hodgkin Lymphoma with special reference to nodular lymphocyte predominant Hodgkin Lymphoma.
Dr. Moumita Chatterjee	Prof. P. K. Mitra	A clinicopathological and immunofluorescence study of intraepidermal immunobullous diseases in a tertiary referral centre of eastern India.
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. M.G. Mallick (Sinha)	Clinico-pathological evaluation of malignant epithelial ovarian tumors and their correlation with serum amylase and tumor 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 M.G. Mallick (Sinha)	Study of clinicopathological variables in periampullary tumors with special reference to Ki 67 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 peri menopausal 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 Chakraborty	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

From January 2016 to November 2016

Routine investigations	
Blood	41286
Urine	27188
Stool	
CSF & other fluids	3010
Malaria	5302
Prothrombin Time	10235
Blood grouping	4710
Total	94731
Histopathology	
Specimen	8564
Slides (Routine)	27500
Slides (Special stains)	325
Slides (Review)	269
Immunohistochemistry (academic work)	511
Immunohistochemistry (routine)	310
Total	37479

Hematology	
Blood	89316
Bone marrow	470
Special tests	8210
Total	97996
Cytopathology	
FNAC including CT & USG guided and review	3102
Fluid & exfoliative cytology	4250
Review	184
Total	7546
Serology, chemical pathology and HLA typing	514
Grand Total	2,38,266

Thalassemia screening

Total screened	5304
Normal	4581
β thalassemia carrier	430
HbE carrier	255
HbS carrier	16
β thalassemia	14
HbS-β thalassemia	8

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

Post / Designation

Professor & Head
 Professor
 Professor
 Professor
 Assistant Professor
 Assistant Professor
 Demonstrator
 Demonstrator
 Demonstrator

Postgraduate trainees

Dr. Bikramjit Barkondaj MBBS
 Dr. Nafisha Yasmin MBBS
 Dr. Subhrangsu Chatterjee MBBS
 Dr. Lily Dubey MBBS
 Dr. Chandrakona Bandyopadhyay MBBS, DLO
 Dr. Vivek Kumar Verma MBBS
 Dr. Manjari Kumari MBBS
 Dr. Amritendu Mondal MBBS
 Dr. Anindita Pal MBBS
 Dr. Banhisikha Adhikary MBBS
 Dr. Monalisa Dhuya MBBS
 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

MD PGT 2013-16
 MD PGT 2013-16
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 MD PGT 2015-18
 MD PGT 2015-18
 MD PGT 2015-18

Research scholars

Dr. Tapas Kumar Sur MSc, PhD
 Mr. Shibabrata Mukherjee MSc
 Ms. Soumita De M Pharm
 Ms. Sritama De Sarkar MSc
 Ms. Sneha Mitra MSc
 Ms. Srija Moulik MSc
 Dr. Bishnu Prasad Sinha MVSc
 Mr. Debkanya Dey MSc
 Ms. Aishwarya Dighal MSc
 Mr. Ayan Pradhan MSc
 Ms. Ritika Sengupta MSc
 Mr. Bodhisatta Chakraborty

Postdoctoral Research Scholar
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Technical Associate – Pharmacovigilance Programme of India (pvPI)
 Pharmacovigilance Associate – PvPI

Mr. Sampath Kumar

Medical Technologists (Laboratory)

Mr. Debajyoti Pahari
 Mr. Anup Samanta

M.T. (Lab) Transferred out on 17.10.2016
 M.T. (Lab)

Other non-teaching staff

Mr. Tapan Kumar Ghosh
 Mr. Md. Rahatulla

GDA Transferred out on 04.08.2016
 GDA

2. Transfers and postings

Nil for faculty.

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.
- MD Pharmacology Thesis Adjudicator for the West Bengal University of Health Sciences, Kolkata.
- Served as Member, Pharmacist Selection Panel of the Indian Institute of Science Education & Research (IISER), Shibpur, Howrah.
- 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, India (FNASc).
- Awarded Kshanika Oration Award (for 2013) of Indian Council of Medical Research, Govt. of India.
- Invited speaker, "Evaluation of the oxidant status of patients with Rheumatoid arthritis as a potential biomarker for disease progression", Cyto 2016, Seattle, USA, June 2016
- Invited speaker, 'Plant derived pro-oxidant compounds as anti-cancer therapeutics', Serampore College, Feb. 2016
- Invited Speaker "Plant derived pro-oxidant compounds against Leishmaniasis" Kalyani University
- Invited speaker, "Exploring the potential of plant derived anti-oxidants as an 'add on therapy' in Rheumatoid arthritis", West Bengal State University, Feb 2017
- Invited Speaker 'Tracking the evasion strategies adopted by the Leishmania parasite', Mumbai
- Served as Member, Life Sciences Committee, 'Funds for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST)' Program, Dept. of Science & Technology, Govt. of India
- Serving as Member, State Level Task Force for Kala Azar in West Bengal
- Serving as Member, 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.
- 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.
- Served as Reviewer for Journal of Ethnopharmacology, International Immunopharmacology, Antimicrobial agents and Chemotherapy, Indian Journal of Medical Research, Indian Journal of Dermatology, Indian Journal of Pharmacology, PLoS One, PLoS Neglected Tropical Diseases, Journal of Antimicrobial Therapy
- Adjunct Faculty, Biomedical Genomics Centre, Kolkata
- Guest Faculty for MS Pharmaceutical Sciences course of National Institute of Pharmaceutical Education & Research (NIPER), Kolkata.

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	Evaluation of molecular and diagnostic markers for monitoring of post kala-azar dermal leishmaniasis (PKDL) in West Bengal.	2012-16	ICMR, Govt. of India
2	A transcriptomic approach to identify clinico-immunological determinants of Post Kala-azar Dermal Leishmaniasis	2016-19	Dept. of Health Research, Govt. of India
3	Evaluation of Bioenergetic functions in mitochondria of <i>Leishmania</i> parasites and mammalian macrophages	2017-19	DST, Govt. of India
4	Towards a global research network for the molecular pathological stratification of leishmaniasis	2017-19	Global Challenges Research Fund, Medical Research Council. As Co-Investigator, PI being Prof. Paul Kaye, Centre for Immunology & Infection, Univ. of York Medical School, UK

Prof. Suparna Chatterjee

- Recipient of B. N. Ghosh Oration Award 2016 of the Indian Pharmacological Society.
- Member Signal Review Panel, Pharmacovigilance Program of India, Govt. of India.
- Member, Independent Expert Committee for "SAE of Death", CDSCO, Govt. of India.
- Member Subject Expert Committee (SEC) for approval of Clinical trials in Reproductive Medicine and Urology, CDSCO, Govt. of India.
- Chief Coordinator, Training and Technical Support of Eastern Regional Resource Centre of the Pharmacovigilance Program of India (PvPI), Govt. of India and Coordinator of ADR Monitoring centre (AMC) under PvPI at IPGME&R, Kolkata.
- Convener, Pharmacovigilance Committee of IPGME&R, Kolkata.
- Member, Pharmacovigilance Committee, National Institute of Cholera and Enteric Diseases (NICED), ICMR, Kolkata
- Member, Fair Price Shop Monitoring Committee of SSKM Hospital, Kolkata.
- Member, Purchase & Monitoring Committee of SSKM Hospital, Kolkata.
- Inspector, Medical Council of India.
- Member of Ethics Committee for Biomedical Research on Human subjects of Institute of Child Health, Kolkata.
- Member, Executive Committee, Biomedical Genomics Centre, Kolkata.
- External expert for Indian Pharmacopoeia Commission, Govt. of India for recruitment of Technical Associates.
- Guest Faculty for MS Pharmaceutical Sciences course of National Institute of Pharmaceutical Education & Research (NIPER), Kolkata and Postgraduate Diploma in Clinical Research of Jadavpur University, Kolkata.
- Guest faculty of CDSA, THSTI, DBT, Govt. of India sponsored GCP and Ethics awareness workshops at various places in India.
- Examiner and paper setter of MBBS and MD of the West Bengal University of Health Sciences and various other universities.
- Jul 1-2: Served as faculty in Research Methodology & Biostatistics Workshop on behalf of Medical Education Unit, IPGME&R.
- Oct 21-23: Attended as faculty 49th Annual Conference of Indian Pharmacological Society (IPSCON-2017) at PGIMER, Chandigarh. Faculty for pre-conference workshop. Delivered B. N. Ghosh Oration and faculty for symposium on curriculum reform in pharmacology.
- Nov 4-5: Attended 4th National Conference of Forum for Ethics Review Committees in India (FerciCon 2016), organized by Department of Pharmacology, School of Tropical Medicine (STM), Kolkata (in collaboration with UNESCO Chair in Bioethics, Haifa, Melbourne, Australia and Bioequivalence Study Centre, Jadavpur University, Kolkata) at Jadavpur University.
- Dec 9: Served as faculty and Coordinator at 'Training Program in Pharmacovigilance' at IPGME&R Kolkata. Program organized by Dept. of Pharmacology, IPGME&R, Kolkata and supported by Indian Pharmacopoeia Commission, Ghaziabad.

Prof. Avijit Hazra

- Recipient of R. N. Chopra Oration Award 2016 of the Indian Pharmacological Society.
- Recipient of P. K. Kar Oration Award 2016 of the Indian Pharmacological Society, Odisha State Branch.
- 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.
- Faculty for the ATCOM skill workshops for nurses organized by the Institute of Health & Family Welfare, Government of West Bengal.
- 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 Indian Journal of Medical Research, Indian Journal of Pharmacology (IJP), Indian Journal of Dermatology, 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.
- Feb 12: Faculty for workshop on 'Scientific Research Methodology and Biostatistics' as part of 4th IHTM Masterclass at Institute of Immunohematology & Transfusion Medicine, Medical College, Kolkata. [Originally scheduled on 05.02.2016].
- Feb 17: Faculty for workshop on 'Pharmacovigilance and Medicine Safety' organized as preconference workshop to 25th Annual Conference of IPS West Bengal Branch by Dept. of Pharmacology, R. G. Kar Medical College, Kolkata.
- Mar 17: Faculty for GCP workshop organized by Medical Education Unit, Medical College, Kolkata.
- Mar 21: Lead faculty for workshop on 'Pharmacovigilance' organized by Medical Education Unit, Tripura Medical College & Dr. B. R. Ambedkar Memorial Hospital, Hapania, Tripura.
- Apr 27: Served as faculty for the awareness program 'Current Ethical & Regulatory Requirements for Clinical Trials' organized at Tata Medical Centre, Kolkata, by Clinical Development Services Agency (CDSA), an extramural unit of Translational Health Science & Technology Institute (THSTI), Department of Biotechnology, Govt. of India.
- May 14: Attended as panelist, panel discussion on 'Dermatophytosis and its management: the current scenario', organized by M/s Sun Pharmaceuticals at HHI, Kolkata. Programme coordinated by Prof. Sumit Sen, Dept. of Dermatology, IPGME&R, Kolkata.
- Jun 11: Participated as faculty in Basic Workshop on The Principles and Practice of Clinical Research organized by the Department of Orthopedics, Medical College, Kolkata.
- Jul 1-2: Conducted Research Methodology & Biostatistics Workshop on behalf of Medical Education Unit, IPGME&R.
- Sep 8: Faculty at Workshop on Pharmacovigilance organized by Agartala Government Medical College at Agartala, Tripura.
- Sep 9: Principal faculty at Workshop on Biostatistics organized by Agartala Government Medical College at Agartala, Tripura.
- Oct 2: Served as Faculty for Research Methodology workshop organized as part of 23rd Annual Conference of Association of Physicians of India (API) WB Chapter and 1st International Conference of Indian College of Physicians in Kolkata.

- Oct 21-23: Attended as faculty 49th Annual Conference of Indian Pharmacological Society (IPSCON-2017) at PGIMER, Chandigarh. Delivered Ram Nath Chopra Oration and faculty for symposium on curriculum reform in pharmacology.
- Nov 4-5: Attended 4th National Conference of Forum for Ethics Review Committees in India (FerciCon 2016), organized by Department of Pharmacology, School of Tropical Medicine (STM), Kolkata (in collaboration with UNESCO Chair in Bioethics, Haifa, Melbourne, Australia and Bioequivalence Study Centre, Jadavpur University, Kolkata) at Jadavpur University. Conducted Quiz on Bioethics and summarized Pre-conference Satellite Event 'Teaching research ethics to medical, dental and health science students' organized on Nov 3 at STM, Kolkata.
- Nov 26: Attended 26th Annual Conference of Indian Pharmacological Society Odisha State Branch at MKCG Medical College, Brahmapur, Odisha. Delivered Prof. Prafulla Kumar Kar Oration. Chaired Multidisciplinary Symposium on Geriatric Medicine
- Dec 3: Faculty for symposium 'Methods in research' at 3rd PGCON (A conference for resident doctors & PG teachers) organized by IADVL WB State Branch, under auspices of IADVL Academy, at IPGME&R, Kolkata
- Dec 9: Served as faculty at 'Training Program in Pharmacovigilance' at IPGME&R Kolkata. Program organized by Dept. of Pharmacology, IPGME&R, Kolkata and supported by Indian Pharmacopoeia Commission, Ghaziabad.

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	DST, Govt. of West Bengal
2	Assessment of factors associated with non-compliance regarding drugs and lifestyle behaviors in post-renal transplant patients [PhD thesis, registered 2010, under The West Bengal University of Health Sciences of Mrs. Uma Rani Adhikari, Staff Nurse, West Bengal Nursing Service] [Ongoing; Co-Supervisor]	2010-15	Nil

Dr. Amrita Sil

- Attended Training program in Pharmacovigilance on 10.12.2016 held at East Zone Regional Centre for training and technical support, Department of Pharmacology, IPGME & R, Kolkata
 - Attended 4th National Conference of Forum for Ethics Review Committees in India & International Colloquium "FERCICon2016" and "Pre-Conference Satellite Events" on November 3rd, 4th, 5th 2016 at Medical College, Kolkata
 - Attended Dermatology East Zonal Conference "Dermazone East Zone" 2016 held at Bodh Gaya, Bihar from 17th – 20th November, 2016
 - Guest speaker on "Ethical considerations in dermatology research and aesthetic medicine" at The 4th National Conference of Forum for Ethics Review Committees in India & International Colloquium FERICCon2016. Pre-Conference Satellite Events on November 3, 2016 at Medical College, Kolkata
 - Faculty lecture on "Introduction to Clinical Trials, Drafting a protocol, Analysing data" at Dermazone East Zone 2016 held at Bodh Gaya, Bihar from 17th – 20th November, 2016
 - Chairperson at Dermazone East Zone 2016 held at Bodh Gaya, Bihar from 17th – 20th November, 2016 for the session "Drugs safe in Pregnancy and Lactation" and "Rituximab is suitable as first line treatment in Pemphigus.
- Projects ongoing or recently completed.

SN	Title of the project	Duration	Funding agency
1	Subcutaneous AST in chronic urticaria [Co-Investigator]	2015-16	Nil.
5	Molecular epidemiological study for evaluating role of potential host factors as markers of susceptibility of leprosy in West Bengal, India. [Co-Investigator]	2013-15	DST Govt. of West Bengal

Dr. Tridib Kumar Ray

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

Dr. Sreya Todi

- Conferences / workshops attended:
 - Research Methodology & Biostatistics Workshop conducted by the Department on Jul 1-2, 2016.
 - Training program in Pharmacovigilance on 09.12.2016 held at East Zone Regional Centre for training and technical support, Department of Pharmacology, IPGME&R, Kolkata.
 - Annual State Conference of IPS, West Bengal Branch on 18.12.2016 at J. B. Roy Ayurvedic College, Kolkata.

Publication by faculty, students and research scholars

1. Mukherjee S, Mukhopadhyay D, Braun C, Mitra S, Roy S, Das NK, Chatterjee U, von Stebut E, Chatterjee M. CD8+ T-cell exhaustion in Indian Post Kala-azar Dermal Leishmaniasis. PLoS Negl Trop Dis 2016; (accepted).
2. 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: 40-6.
3. 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 2016; PMID: 27856937
4. Manna A, De Sarkar S, De S, Bauri AK, Chattopadhyay S, Chatterjee M. Impact of MAPK and PI3K/AKT signaling pathways on Malabaricone-A induced cytotoxicity in hematopoietic cell lines. Int Immunopharmacol 2016; 39:34-40.
5. Ghosh S, Nandi M, Pal S, Mukhopadhyay D, Chakraborty B, Khatun M, Bhowmick D, Mondal R, Das S, Das K, Ghosh R, Banerjee S, Santra A, Chatterjee M, Chowdhury A, Datta S. Natural Killer cells contribute to hepatic injury and help in viral persistence during progression of HBeAg-negative chronic HBV infection. Clin Microbiol Inf 2016 22(8): 733.e9-733.e19.
6. Banerjee K, Das S, Sarkar A, Chatterjee M, Biswas J, Choudhuri SK A copper chelate induces apoptosis and overcomes multidrug resistance in T-cell acute lymphoblastic leukemia through redox imbalance and inhibition of EGFR/PI3K/Akt expression. Biomed Pharmacother 2016; 84: 71-92.
7. Mukherjee S, Mukhopadhyay D, Ghosh S, Barbhuiya JN, Das NK, Chatterjee M. Decreased frequency and secretion of CD26 promotes disease progression in Indian Post kala-azar dermal leishmaniasis. J Clin Immunol 2016; 36: 85-94.
8. Mukhopadhyay D, Mukherjee S, Ghosh S, Roy S, Saha B, Das NK, Chatterjee M. A male preponderance in patients with Indian Post kala-azar dermal leishmaniasis is associated with increased circulating levels of testosterone. Int J Dermatol 2016; 55: e250-5.
9. Pradhan R, Jain P, Paria A, Saha A, Sahoo J, Sen A, Mukherjee S, Som T, Hazra A, Warner N, Singh AK, Chatterjee M. Ratio of neutrophilic CD64 and monocytic HLA-DR: a novel parameter in diagnosis and prognostication of neonatal sepsis. Cytometry B Clin Cytom 2016; 90: 295-302.
10. Das A, Chatterjee S, Pal J. Clinical effectiveness and safety of low cost versus innovator brand amlodipine in hypertension: A single blind, randomized, crossover, non-inferiority trial Indian J Pharmacol (accepted in press).
11. Dubey L, Chatterjee S, Ghosh A. An observational study of the hepatic and hemopoietic adverse effects of long term low dose methotrexate therapy in rheumatoid arthritis. Indian J Pharmacol 2016; 48(5):591-594.
12. Mitra M, Shah N, Ghosh A, Chatterjee S, Kaur I, Bhattacharya N, Basu S. Efficacy and safety of vi-tetanus toxoid conjugated typhoid vaccine (PedaTyph™) in Indian children: school based cluster randomized study. Hum Vaccin Immunother 2016; 12: 939-45.
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27. Hazra A, Gogtay N. Biostatistics Series Module 5: Determining sample size. *Indian J Dermatol* 2016; 61: 496-504.
28. Hazra A, Gogtay N. Biostatistics Series Module 4: Comparing groups: Categorical variables. *Indian J Dermatol* 2016; 61: 385-92.
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4. Regular academic activities

The department continued its usual PG teaching program comprising didactic lectures, seminars, journal clubs and practical demonstrations.

The department has acquired 120 m² of additional space on the 5th Floor of the College Building which is now being utilized as Clinical Pharmacology Unit, Museum, Seminar Room (capacity 50 heads) and additional research and archival space. The Museum and Pharmacy Laboratory were utilized for teaching MBBS students. The Experimental Pharmacology laboratory was utilized by PG students and research scholars. The MBBS teaching program (both theory and practicals) has been running smoothly.

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.

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 April-May, 2016, leading to award of MD degree.

Lily Dubey	An observational study to evaluate the hematological and hepatic adverse effects of long term low dose methotrexate therapy in Rheumatoid Arthritis patients of India.
Subhrangsu Chatterjee	A randomized controlled trial of topical mupirocin versus mupirocin with bromelain combination in chronic skin ulcers.
Bikramjit Barkondaj	Role of dipeptidyl peptidase-4 (DPP-4) in pathophysiology of chronic liver disease.
Nafisha Yasmin	Effect of malabaricones on multidrug resistant / sensitive cancer cell lines.
Chandrakana Bandyopadhyay	Antitumor effect of malabaricones in Ehrlich ascites carcinoma (EAC) in mice.
Vivek Kumar Verma	An observational study to evaluate epidemiological trends of acute poisoning and drug overdose in a tertiary care hospital of West Bengal.

Drs. **Pradipta Das**, **Dwaipayan Sarathi Chakraborty**, **Donik Peter**, **Sudipta Ghosh**, **Kousik Mishra** (Service PGT) and **Subrata Ray** (service PGT) 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. **Bodhisatta Chakraborty** 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. Following his resignation Mr. **Sampath Kumar** has joined and carrying on the diligent work.

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. Srijita Moulik	GLRA-INDIA Prof. Mitali Chatterjee	Identification of lesional biomarkers in Indian Leishmaniasis.
4	Ms. Debkanya Dey	ICMR, DHR, Govt. of India Prof. Mitali Chatterjee	Transcriptomic profiling of patients with post kala-azar dermal Leishmaniasis.
5	Ms. Aishwarya Dighal	CSIR-UGC NET (UGC-JRF) Prof. Mitali Chatterjee	Iron based chemotherapeutic modalities in Leishmaniasis.
6	Mr. Ayan Pradhan	Prof. Mitali Chatterjee	Evaluation of markers of oxidative damage in rheumatoid arthritis.
6	Ms. Ritika Sengupta	ICMR - JRF Prof. Mitali Chatterjee	Comparison of clinico-immunological responses of macular versus polymorphic Indian Post Kala Azar Dermal Leishmaniasis
8	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, Mr. Shibabrata Mukherjee MSc and Ms. Soumita De M. Pharm, research scholars under supervision of Prof. Mitali Chatterjee, were awarded PhD degree in 2016.

7. Other information – Programs / Conferences / Workshops

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

- July 1-2: Research Methodology & Biostatistics Workshop organized by the department on behalf of Medical Education Unit, IPGME&R.
- Oct 21-23: 49th Annual Conference of Indian Pharmacological Society (IPS) at PGIMER, Chandigarh.
- Dec 9: Pharmacovigilance Workshop at IPGME&R Kolkata, organized by the department with participations of Central Drugs Standard Control Organization (CDSCO), East Zone, and Indian Pharmacopoeia Commission, Ghaziabad.
- Dec 18: Annual State Conference of IPS West Bengal branch at J. B. Roy Ayurvedic College, Kolkata.

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 department of Physical Medicine & Rehabilitation started its journey in the year of 1959 and received permanent status in 1969. In the year 1979, post graduation course in PMR (MD) started in Physical medicine & Rehabilitation Department for the first time in India i.e. the then School of Physical Medicine (SPM). This department has the distinction of being the pioneering institute in the country to run this course since that time.

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 Middya; 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. Jaya Tirkey MBBS (Cal)	RMO cum Clinical Tutor

B) Postgraduate (MD) trainees

Dr. Sayani Halder 2014-2017	Dr. Ishita Dey 2015-2018
Dr. Labani Biswas 2014-2017	Dr. Arindam Ghosh 2016-2019
Dr. Subhasish Pati 2014-2017	Dr. Subhadeep Batabyal 2016-2019
Dr. Ambar Konar 2015-2018	Dr. Nikhil Manilal 2016- 2019
Dr. Keshab Mondal 2015-2018	

C) Physiotherapy unit

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

FACULTY NEWS

Prof. R. N. Halder

- EDITOR: Indian Journal of Physical Medicine and Rehabilitation (IJPMR), Ex-President IAPMR WB Branch, Secretary IAPMR East zone, Treasurer IRA WB and East zone, Governing Body Member of State Medical Faculty, Secretary BOS, WBUHS (PMR), Chairman East zone Handicapped Board for MCI.
- Attended and delivered guest lecturer and chaired 44th. Annual national conference of IAPMR (IAPMRCON-16) held in IMPHAL during February, 2016.
- Attended and chaired and delivered lectures National Midterm CME of IAPMR held in LUCHNOW in October, 2016.
- Attended and Guest Lecture east zone conference of IRA (EZCON-16) held at Dibrugarh in September, 2016.
- Publication: Regular Editorial column in IJPMR and other journals

Dr. Pallab Das

- Attended National conference of gastroenterology, Kolkata, November, 2016.

Dr. Rajesh Pramanik

- Associate Editor: Indian Journal of Physical Medicine & Rehabilitation (IJPMR)
- Member of the syllabus review committee of School of Safety and Occupational Health Engineering, IISER, Shibpur.
- Attended and delivered guest lecture and chaired sessions in 44th Annual National Conference of IAPMR (IAPMRCON-16) held in IMPHAL in February, 2016.
- Attended and delivered guest lecture in International conference of ISPRM In Malaysia in June, 2016,

- Publication: Publications, including review articles, in IJPMR.

Dr. Firdaus Kamal

- Attended State conference of IRA (WB Branch) in the year 2016.

Dr. Tanvir Ahmed

- Attended State Conference of IRA (WB Branch) in the year 2016.

Dr. A. Banerjee:

- Attended State Conference of IRA (WB Branch) in the year 2016.

Dr. Saumen Kumar De

- Attended State conference of IRA (WB Branch) in the year 2015.
- Attended Annual National conference of IRA (IRACON-16) held in Kochi in November, 2016.
- Attended 44th Annual National Conference of IAPMR (IAPMRCON-16), held in IMPHAL in February, 2016.

Dr. Vasundhara Ghosal

- Attended State Conference of IRA (WB Branch) in the year 2016.

REGULAR DEPARTMENTAL ACTIVITIES

Indoor service: Comprehensive rehabilitation is going in indoor mostly 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 disorders. 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. We have thirty PMR indoor beds. So far bed occupancy and turn over rate are also encouraging for us.

Clinical and academic schedule

Days	Forenoon	Afternoon
Monday	OPD	Injection
Tuesday	OPD	Case presentation
Wednesday	OPD	TCC/ Foot assessment, NCV
Thursday	Journal club / Injections	OA clinic
Friday	OPD	Muscle testing, NCV
Saturday	Seminar / Classes	

Thesis work

SN	Title of Thesis	PGT and Session	Guide	Co-Guide
1.	To compare efficacy of intra-articular injection with platelet rich plasma, high molecular weight hyaluronic acid and methyl prednisolone in osteoarthritis of knee joint.	Subhasih Pati 2014-2017	Prof. R. N. Haldar	Dr. R. Pramanik Dr. D. Chakrabarty (Pathology)
2.	Role of Magnetic Resonance Arthrogram in rehabilitation of glenohumeral instability.	Sayani Haldar 2014-2017	Prof. R. N. Haldar	Dr. A. Middy Dr. F. Kamal Dr. S. Chakrabarty (Radiodiagnosis)
3.	Assessment of comparative efficacy of caudal epidural steroid injection in L5 versus S1 radicular pain in prolapsed intervertebral disc.	Labani Biswas 2014-2017	Dr. R. Pramanik	Dr. T. Ahmed Dr. A. Banerjee

4.	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 R. Pramanik	Dr F. Kamal
5.	A comparative study between teriparatide and zoledronic acid therapy in treatment of osteoporosis	Ishita Dey 2015-2018	Prof. R. N. Haldar	Dr Tanvir Ahmed Dr Aniketa Banerjee,
6.	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	Prof. R. N. Haldar	Dr Asoke Kumar Middya, Dr Aniketa Banerjee

SERVICE INFORMATION

OPD location: Ground floor of Dept of PMR (New Building)
Total attendance 49376
Maximum attendance /day 426

Indoor patient: Total admitted: 305
Referral indoor patient management: 1983

Procedure / investigation performed

- Local infiltration: Thursday & Saturday (avg 35/day)
- Muscle nerve testing / SD curve – every Saturday (avg 8/wk)
- Total Contact Casting: (Avg 6/week)
- NCV & EMG: Average 10/month (for academic & research activities)

Special clinic – Osteoarthritis clinic – every Thursday (1pm- 3pm). Total attendance in last year – 309.
Exercise Therapy / Demonstration 24723; Electrotherapy 12521; Occupational therapy: 1146

Special clinics: Osteoarthritis clinic: Every Thursday (1 pm – 3 pm) Total attendance in last year 309
Exercise Therapy / Demonstration 24723
Electrotherapy 12521
Occupational therapy 1146

Physiology

FACULTY

1.	Prof. Utpal Kumar Datta, MD	Professor & Head
2.	Prof. Sangita Sen, MD, PhD	Professor
3.	Dr. Ardhendu Mazumdar, MD	Associate Professor
4.	Dr. Shubhankar Kumar, MD, DNB	Associate Professor
5.	Dr. Deepankshu Shekhar 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 Trainee:

1.	Dr. Prasenjit Majumdar	PGT 2013-2016
2.	Dr. C. Biakhlupuii	PGT 2014-2017
3.	Dr. Manaswee Ray	PGT 2014-2017
4.	Dr. Sanchari Ghosh	PGT 2014-2017
5.	Dr. Aparajita Mitra	PGT 2014-2017
6.	Dr. Uday Sarkar	PGT 2014-2017
7.	Dr. Shib Sankar Pal	PGT 2015-2018
8.	Dr. Saikat Manna	PGT 2015-2018
9.	Dr. Rama Chakraborty	PGT 2015-2018
10.	Dr. Sourav Ganguly	PGT 2015-2018
11.	Dr. Paromita Roy	PGT 2015-2018
12.	Dr. Biswajit Das	PGT 2016-2019
13.	Dr. Souvik Banerjee	PGT 2016-2019
14.	Dr. Arijit Sain	PGT 2016-2019
15.	Dr. Subhabrata Ghosh	PGT 2016-2019

COURSES CONDUCTED BY THE DEPARTMENT:

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

LABORATORY FACILITIES

- Neurophysiology laboratory for NCV studies.
- Biochemistry laboratory for routine biochemical parameters like urea, creatinine, glucose, lipid profile by spectrophotometer.
- Hematology laboratory for routine hematology investigation like Hb, TC, DLC, PCV, ESR, Platelet count, reticulocyte count & bone marrow study.
- Behavioral physiology laboratory for behavioral studies in different mazes.
- Autonomic function laboratory.

FACULTY NEWS

Prof. (Dr.) Utpal Kumar Datta

a) Guiding Thesis work of Dr. Sib Sankar Pal: Topic- Association of obesity and fatty liver in patients with gallstone disease.

b) Publications

- 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.
- Santra, S., Basu, A.K., Roychowdhury, P., Banerjee, R., Singhanian, 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, 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.

Prof. (Dr.) Sangita Sen:

a) 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."

b) Guiding Thesis work of Dr. Saikat Manna – Role of Serum Uric Acid and Its Association with Other Risk Factors in Patients with Coronary Artery Disease

c) 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 n Drug Research*; 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. *FreeRadical 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. Subhankar Kumar

a) Guiding thesis work of Dr. Sourav Ganguly: Topic- Difference in retention of inter- and intra-day learning process of rats.

b) 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.

c) 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

a) Guiding Thesis work of Dr. Sanchari Ghosh: Topic- Effect of enriched environment on non spatial cognitive abilities of Wister rat.

Dr. Md. Mahboob Alam

a) Projects:

- Working on the project "Assessment of autonomic functions in Systemic Lupus Erythematosus and its relation with duration, disease activity, damage index and renal complications.
- Assessment of autonomic functions in Asthma and its relation with disease severity and duration.

b) Publications:

- 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
- 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

THESIS SUBMITTED IN 2016

- Dr. C. Biakhlupuii:** Reference memory error of rats in radial maze of different sizes with suppression of foraging exploration by increased travel distance within the larger maze (Under Guidance of Dr. Sangita Sen and Dr. Subhankar Kumar).
- Dr. Manaswee Roy:** Spirometric evaluation of adult MCTD patients and its relation with disease duration, disease activity and severity (Under Guidance of Dr. Ardhendu Mazumdar).
- Dr. Sanchari Ghosh:** Effect of enriched environment on non spatial cognitive abilities of Wister rat (Under Guidance of Dr. Deepankshu Sekhar Mandal and Dr. Subhankar Kumar).
- Dr. Aparajita Mitra:** Effect of training in one spatial navigation task upon the learning curve in a different spatial navigation task (Under Guidance of Dr. Utpal Kumar Datta and Dr. Subhankar Kumar).
- Dr. Uday Sarkar:** Effect of enriched environment on different cognitive abilities in rats: Visual recognition, context discrimination, working memory, spatial learning and semantic learning (Under Guidance of Dr. Subhankar Kumar).
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Plastic Surgery

Staff

Faculty

Dr. B. K. Majumdar	MCh	Professor & Head
Dr. Arindam Sarkar	MCh	Associate Professor (D)
Dr. Tibar Banerjee	MCh	Associate Professor
Dr. Sandip 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

Senior Residents

Dr. Jyanata Bain	MS
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Medical Officers

Dr. G. Das	MBBS	Medical Officer
Dr. R. N. Halder	MBBS	Do
Dr. Jayanta K. Saha	MS, MCh	Do

Postdoctoral trainees (MCh Students)

Session 2014-17	Session 2015-18	Session 2016-19
Dr. Nikhil Kumar Das Dr. Sudipta Bera Dr. Vivek Gupta Dr. Ashwani Kumar Dr. Vishrabdha Margoj Chandrakant Dr. Khan Rafat Ali	Dr. Kavish Maheswari Dr. Soumya Kanti Bag Dr. Anirban Ghosh Dr. Sudhakar Jena Dr. Cinjini Das Dr. Choden Norbu	Dr. Manas Sasmal Dr. Swaraj Hanspal Dr. G. Aurobindo Mohapatra Dr. Firoz Borle Dr. Bharti Maravi Dr. Shubhra Datta

Passed MCh(Plastic Surgery) from WBUHS in 2016

- Dr. Manavi Mishra
- Dr. Vaibhav Jain
- Dr. Sushovan Saha
- Dr. Krishnanand Dhruw
- Dr. Jayanta Bain
- Dr. Debashis Baitalik

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

Research projects.

- Use of Autologous platelet gel in plastic surgical wounds for better clinical outcome - Dr. Kalyan Das, funded by Department of Science & Technology, Government of West Bengal

THESIS WORK ONGOING

1. A prospective comparative study of conventional versus mini transverse incision in carpal tunnel syndrome: Dr. Vivek Gupta: 2014-2017
2. A prospective study to evaluate factors affecting recovery of ulnar & median nerve after emergency repair: Dr. Aswhani Kumar: 2014-2017
3. A comparative study between collagen and conventional dressing in case of second degree burns injury: Dr. Nikhil Kumar Das: 2014-2017
4. Study of different treatment modalities for vascular malformations: Dr. Sudipta Bera: 2014-2017
5. Study of epidemiology of acid burns injury: Dr. Vishrabdha Margaj: 2014-2017
6. A study of surgical reconstruction of scalp defects: Dr. Khan Rafat Ali: 2014-2017
7. Various reconstructive surgical techniques in post burn ear deformities: Dr. Choden Norbu.
8. A study of different types & uses of vascularised fascial flaps in reconstructive surgery of head, neck & extremities: Dr. Soumyakanti Bag.
9. Functional outcomes after tendo-achilles repair- our experience in a tertiary health care system of eastern India: Dr. Cinjini Das.
10. Impact of various forms of reconstruction on the quality of life and functional status in patients of head & neck malignancies: Dr. Kavish Maheswari.
11. Role of flap blood glucose measurement in monitoring of flaps and to detect flap congestion and flap salvage: Dr. Anirban Ghosh.
12. A study of fractional carbon dioxide lasers in management of recent post burn scars: Dr. Sudhakar Jena.

PhD PROJECTS

Guide: Prof. B. K. Majumdar

- Study of advanced wound healing By nano-silver 2011 onwards Mr. Abhishek Adhya (WBUHS)
- Study of wound healing & antibacterial activity of nanosilver on burn wound, 2011 onwards Ms. Chirasree Roy Choudhury (CU)
- Studies on the efficacy & role of antimicrobial effects of nanosilver, 2011 onwards Ms. Tanushri Ghosh (CU)
- Assessment of Insulin sensitivity in obese, non-diabetic subjects undergoing infraumbilical surgery and its variation with general & regional anaesthesia – 2013 onwards Prof. Sampa Datta Gupta (WBUHS).

Awarded PhD from Calcutta University – January 2016: 1st PhD from the department

- A morphological study of nanosilver & nano-composite cognitive with biological system by Sm. Oindri Ray.

SERVICE INFORMATION

Beds location

BRU ward (Emergency)	Ronald Ross Building 2 nd floor	30 beds
NPS ward (Schedule cases)	Ronald Ross Building, 5 th floor	40 (Male-19, Female-21)
Alex Ward (Schedule cases)	Main Building, 4 th Floor	12, Child beds
Emergency beds	Scattered over various wards	
NPS O.T. 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 2016

17977

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: Wednesday/Thursday/Friday(Once A Week), NPS OT

Laser Therapy (NPS OT): Tuesday, Wednesday, Thursday

Burns Injury Operation Theatre, Ronald Ross Building: Daily Except Saturday, Sunday

Emergency operations requiring general anesthesia (NER OT)

Acute hand injury O.T.(NPS O.T.), 3rd table, 24 hours

Regular schedule operations in

plastic surgery operation theatres	2417
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Microvascular operations	63
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Emergency operations	3211
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Laser therapy	353
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Operation days of each Unit (Scheduled operations)

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

Burn Unit

Burn Unit admission	461
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Operations performed in BRU OT	227
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Total burns injury patient admitted	
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In SSKM Hospital	1001
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Other departmental information

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

Institute of Psychiatry

Department of Psychiatry, IOP

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 & STAFF

Faculty & Medical Officer	Qualification	Designation
Dr. Pradip Kumar Saha	M.D., NIMHANS (Bangalore)	Director & 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. Rajarshi Neogi,	MD	Assistant Professor
Dr. Nikhiles Mandal	MD, DPM	Assistant Professor
Dr. Sikha Ghosh	DPM	RMO-cum-Clinical tutor
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, DPM	Medical Officer

Postgraduate trainees	Course	Session
Dr. Alok Kumar Mondal MBBS	MD	2014 – 2017
Dr. Aritra Chakraborty MBBS	MD	2014 – 2017
Dr. Awdhesh Solanki MBBS	MD	2014 – 2017
Dr. Sagarika Roy, MBBS	MD	2015 – 2018
Dr. Narottam Halder, MBBS, DCH	MD	2015 – 2018
Dr. Sikha Murmu, MBBS, DPH	MD	2015 – 2018
Dr. Paritosh Roy, MBBS	MD	2015 – 2018
Dr. Kanika Das, MBBS	MD	2016 – 2019
Dr. Jolly Das, MBBS	MD	2016 – 2019
Dr. Gautam Mahati, MBBS	MD	2016 – 2019
Dr. Aratrika Sen, MBBS	MD	2016 – 2019
Dr. Krishnendu Ghosh, MBBS	DPM	2015 – 2017
Dr. Rahul Bansal, MBBS	DPM	2015 – 2017
Dr. Gunjesh Kumar, MBBS	DPM	2015 – 2017
Dr. Saurav Kumar Chattopadhyay, MBBS	DPM	2015 – 2017
Dr. Dhiman Mondal, MBBS	DPM	2015 – 2017
Dr. Soma Das, MBBS	DPM	2015 – 2017
Dr. Soukhin Biswas, MBBS	DPM	2015 – 2017
Dr. Jishnu Bhattacharya, MBBS	DPM	2015 – 2017
Dr. Abdur Rashid, MBBS	DPM	2015 – 2017
Dr Dipanwita Maschatak, MBBS	DPM	2016 – 2017

Dr. Nabanita Roy	DPM	2016 – 2017
Dr Gargi Bagchi, MBBS, DPH	DPM	2016 – 2017
Dr Santosh Pandit	DPM	2016 – 2017
Dr Sudipta Roy	DPM	2016 – 2017
Dr Soumyak Banerjee	DPM	2016 – 2017
Dr Soumyadeep Saha	DPM	2016 – 2017
Dr Somnath Barman	DPM	2016 – 2017
Dr Partha Sarathi Hazra	DPM	2016 – 2017

DEPARTMENT OF PSYCHIATRIC SOCIAL WORK (PSW)

Faculty

	Qualification	Designation
Mrs Ilora Barik Sil	M.S.W, M.Phil in PSW(NIMHANS)	Head & Asst. Prof
Mrs Soma Saha	M.S.W, M.Phil in PSW	Associate Prof.
Ms. Rupa Chakraborty	MSW, B.Ed. Mental Retardation	Psychiatric social worker
Ms Oindrila Ganguly	M.A. (Psychology), M.Phil in PSW	Psychiatric social worker

Students

Jhilam Bandopadhyay	M.Phil in PSW	2014-2016
K.Divya	M.Phil in PSW	2014-2016
Debjani Palit	M.Phil in PSW	2014-2016
Anindita Roy	M.Phil in PSW	2015-2017
Pooja Audhya	M.Phil in PSW	2015-2017
Souradipto Mukherjee	M.Phil in PSW	2015-2017
Tumpa sen	M.Phil in PSW	2015-2017
Poulami Ganguly	M.Phil in PSW	2015-2017
Parama Acharya	M.Phil in PSW	2015-2017
Kankani Roy	M.Phil in PSW	2015-2017
Arkita Pal	M.Phil in PSW	2015-2017
Indira Bhowmick	M.Phil in PSW	2015-2017
Rinki Dey	M.Phil in PSW	2015-2017
Ranjana Banerjee	M.Phil in PSW	2015-2017

There is a total of 20 seats in this 2-year M Phil PSW course (from 2016 onwards), which is affiliated to West Bengal University of Health Sciences, vide letter No. OG/UHS/1771/2012, dated 27.10.2012

DEPARTMENT OF CLINICAL PSYCHOLOGY

Faculty

	Qualification	Designation
Dr. Bidita Bhattacharya	MA; MPhil Clinical Psychology; PhD	Head & Assistant Professor
Mr. Prasanta Kumar Roy	MA; MPhil Medical & Social Psychology	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

Students

Ms Richi Parasrampur	M.Phil Clinical Psychology	2014 – 2016
Ms Sabornee Karmakar	M.Phil Clinical Psychology	2014 – 2016
Ms. Anuradha Palit	M.Phil Clinical Psychology	2014 – 2016
Ms. Trina Banerjee	M.Phil Clinical Psychology	2014 – 2016
Ms. Aparajita Chakraborty	M.Phil Clinical Psychology	2014 – 2016
Ms. Sneha Das	M.Phil Clinical Psychology	2014 – 2016
Ms. Torsa Sinha	M.Phil Clinical Psychology	2014 – 2016
Ms. Pooja Chaudhury	M.Phil Clinical Psychology	2014 – 2016
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

The following faculty members were given appointments on purely contractual basis in November, 2016 under Centre of Excellence Scheme of National Mental Health Programme (NMHP):

	Qualifications	Designation
Dr. Sushmita Halder	MA, MPhil Clinical Psychology , PhD	Associate Professor
Ms. Chhavi Tewary	MSc, MPhil Clinical Psychology	Clinical Psychologist
Ms. Ankita Biswas	MSc, MPhil Clinical Psychology	Clinical Psychologist

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.

TRANSFERS & POSTINGS

Faculty	Designation	Status	Date of Release
Ms. Asha Shivraman	Associate Professor, Nursing	Study Leave	
Ms Liza T. Daniel	Assistant Professor, Nursing	Resigned	
Ms. Mittu Muthu Varghese	Assistant Professor, CP	Resigned	30.04.2016
Mr. Kamlesh Kumar Sahu	Assistant Professor, PSW	Resigned	11.05.2016

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.

Others

- 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 respective 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. Amit Kumar Bhattacharyya

- 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
- The 4TH 'Kolkata PG CME' held at Institute of Psychiatry-Kolkata, on 22.12.15 & 23.12. 2015

Dr. Sikha Mukhopadhyay

- Attended Midterm CME, IPS WB, held on occasion of the Silver Jubilee year of the West Bengal state branch of Indian Psychiatric Society, held at Pride Hotel, Kolkata, on 28.04.14
- Participated & chaired a session in PG-CME of the of Indian Psychiatric Society (East Zone), held at New Digha, on 14.06.14 & 15.06.14
- Participation in 16th Mid-term CME programme of Eastern Zonal Branch of Indian Psychiatric Society, held at Hotel One 'N' Only, at New Digha, West Bengal, on 15th & 16th June 2014
- Psychiatric Conference 2014 (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 28th & 29th of September 2014. The conference was granted 3CME credit hours by the West Bengal Medical Council, vide Ref No. 1086-C/28-2014, dated 23.08.14
- Participated & chaired a session in the 20th National Conference of Indian Association of Social Psychiatry held at the Stadel, Kolkata from 8th to 10th November, 2014. This conference has been accredited for 13 CME credit hours, by the West Bengal Medical Council, vide Ref No. 1631-C/28-2014, dated 24.10.14
- Participated & chaired a session in the 3rd 'Kolkata PG CME' held at Hotel Golden Parkk, on 07.12.14
- 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 Acharyee 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

- Delivered a lecture on "Soft bipolar spectrum" at the Post Graduate CME conducted by East Zone of Indian Psychiatric Society in March 2015.
- Attended World Psychiatric Association (WPA) conference at Kochi, India in September 2015
- Attended WPA conference at Madrid, Spain in September 2014
- Participated in ANCIPS 2015 at Hyderabad Jan 2015. The conference was granted 4 CME points.
- Chaired 2 sessions in the 4TH 'Kolkata PG CME' held at Institute of Psychiatry-Kolkata, on 22.12.15 & 23.12.15
- Guide of several post-graduate thesis in Psychiatry.

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
- Ethambutol induced psychosis: A rare case. Accepted for publication in Indian Journal of Psychiatry
- Escitalopram induced Hyperprolactinemia: A case series. Accepted for publication in Journal Psychiatry Clinical Neurosciences.

Dissertation co-guide

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

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
- The 5TH 'Kolkata PG CME' held at Institute of Psychiatry-Kolkata, on 28.12.16 & 29.12. 2016

Dr. Rajarshi Neogi

Publications

- Phenomenology and beliefs of patients with Dhat syndrome: A nationwide multicentric study. S Grover, A Avasthi, S Gupta, A Dan, R Neogi et al. International Journal of Social Psychiatry, 2015
- Comorbidity in Patients with Dhat Syndrome: A Nationwide Multicentric Study. S Grover, A Avasthi, S Gupta, A Dan, R Neogi et al.- The journal of sexual medicine, 2015
- Poster presented in the World Psychiatry Association, Regional Congress, Kochi, September 2015. profile of patients with dhat syndrome – a study from West Bengal, India. Kaustav Chakraborty, Dr. Rajarshi Neogi, Dr. Amitava Dan, Dr. Ajit Avasthi, Dr. Sandeep Grover.

Lectures delivered:

- Neurobiology of Psychotherapy. PGCME 2015, Hosted by the IOP-COE, 22-23 December, 2015
- Newer treatment options for the treatment of stress and anxiety disorders: Biomolecules/Neutraceuticals now. Hosted by the Indian Association of Private Psychiatry, West Bengal Branch, November 2015.

Dissertation co-guide

- Cognitive functions in conduct disorder and childhood depression: A comparative study. M.Phil Trainee: Nikita Jalan. Submitted to the department and the WBUHS in October, 2015.

Departmental studies

- 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.
- National Mental Health Survey: Co-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.

Conferences/CME participated

- 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.
- 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 3CME credit hours by the West Bengal Medical Council, vide Ref No. 1086-C/28-2012, dated 23.08.15
- The 4TH'Kolkata PG CME' held at Institute of Psychiatry-Kolkata, on 22.12.15 & 23.12. 2015

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. Sikha Ghosh

- 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
- CME on 'Compliance issues in Psychiatry' organized by the West Bengal State branch of Indian Psychiatric Society, on 19.01.13
- Midterm CME, IPS WB, held on occasion of the Silver Jubilee year of the West Bengal state branch of Indian Psychiatric Society, held at Pride Hotel, Kolkata, on 28.04.13
- Attended Psychiatric Conference 2013 (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 28th & 29th of September 2013. The conference was granted 3 CME credit hours by West Bengal Medical Council.
- Participated in the 20th National Conference of Indian Association of Social Psychiatry' held at the Stadel, Kolkata from 8th to 10th November, 2013 as the Editor of the Souvenir of Organizing Committee. This conference has been accredited 13 CME credit hours, by the West Bengal Medical Council
- The 3rd Kolkata PG CME held at Hotel Golden Parkk, on 07.12.13

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 presenter

- Topic- Vitamin Deficiency induced Encephalopathies - ASCIPS & ASCIAPP- 2015)

Dr. Nikhiles Mandal**Publication**

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

Dr. Naba Kumar Maiti**Publication**

- 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

Academic Roster of the department of Psychiatry, IOP, IPGME&R

Teacher	Day	Time
Dr. Sujit Sarkhel	Monday	8:30 AM – 9: 30 AM
Dr. Dhruba Jyoti Bagchi	Tuesday	8:30 AM – 9: 30 AM
Dr. Sikha Mukhopadhyay	Wednesday / Thursday	8:30 AM – 9: 30 AM
Dr. Rajarshi Neogi	Friday	8:30 AM – 9: 30 AM
Dr. Parthasarathy Biswas	Saturday	8:30 AM – 9: 30 AM

Department of Clinical Psychology, IOP, Kolkata

FACULTY NEWS

Dr. Bidita Bhattacharya, Associate Professor & Head of the Department

Resource Person:

- Conducted classes in Kasturba Medical College, Manipal, Karnataka, May, 2016
- Conducted workshop on Stress Management in corporate sector

Paper Presentation:

- Attended & presented paper in Conference of Applied Psychology, Bangalore, May, 2016

Shri Prasanta Kumar Roy, Assistant Professor

Resource Person

- Attended & conducted workshop in 42nd NACIAP, Manipur

Attended:

- 6th National Conference of Medical Service Centre, Rohtak

Ms. Rudrani Chatterjee, Clinical Psychologist

Resource Person:

- Conducted Teacher Awareness Programme & Panel Discussion organized by IPS, COB
- Participated in CNN News: Panel Discussion on rising violence & inhuman action, September, 2016

Attended:

- Seminar on "Psychoanalysis: A Journey from Classical to Contemporary Perspectives", Kolkata, March, 2016
- Attended Seminar on "Implicit Measurement", organized by CPEPA, Kolkata, September, 2016
- Seminar on "Psychotherapies- Contemporary Approaches in 21st Century, India", Loreto College, Kolkata, November, 2016

Ms. Amrita Mitra, Clinical Psychologist

Attended:

- Seminar on "Psychoanalysis: A Journey from Classical to Contemporary Perspectives", Kolkata, March, 2016

Ms. Tapasri Das, Clinical Psychologist

Publication:

- Published Article titled: A Comparative study of Emotional Intelligence & Cognitive Emotion regulation of Emotionally Unstable Personality Disorder- Borderline Type; International Journal of Multidisciplinary & Current Research, July-August, 2016 Issue

Ms. Sreetama Chatterjee, Clinical Psychologist

Resource Person :

- Participated in Panel Discussion on 'Behavioral & Developmental Disorders in Children- Cause & Remedy', Kolkata, May, 2016
- Conducted Teacher Awareness Programme for Montessori School Teachers, Kolkata, September, 2016

Attended:

- Workshop on "Psychological Management of Dementia in Cancer", Kolkata, August, 2016
- Workshop on "Sensory Integration & Neuro-Developmental Training" (SINDT), Kolkata, May, 2016

Ms. Doyel Ghosh, Clinical Psychologist

Attended:

- Workshop in 42nd NACIAP, Manipur
- 6th National Conference of Medical Service Centre, Rohtak

Faculty newly joined from November, 2016

Dr. Sushmita Halder, Associate Professor

Ms. Chhavi Tewary, Clinical Psychologist

Attended:

- Seminar on "Psychotherapies- Contemporary Approaches in 21st Century, India", Loreto College, Kolkata, November, 2016

Ms. Ankita Biswas, Clinical Psychologist

- Resource Person:
- Conducted Session on Assessment and Diagnosis of Specific Learning Disabilities, CRE Program on Psychological/Educational assessment of persons with Intellectual Disabilities and associated conditions, National Institute for the Empowerment of Persons with Intellectual Disabilities, Kolkata, November, 2016

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 January 2016 to November 2016

Department of Psychiatric Social Work, IOP, Kolkata

FACULTY NEWS

Mrs. Ilora Barik Sil

- Resource person on Child Rights & Child Protection at Emmanuel Ministries Calcutta dated 7th May, 2016.
- Attended a seminar on "Depression & Diabetes" at SSKM Hospital, Kolkata on 13.04.2016.
- Attended a seminar on "History, Neurology & Psychiatry" at IOP, Kolkata on 12.08.2016.
- Guide for thesis by Ms. K. Divya - "A Study on the difference in Perceived Stress, Anger Expression and Coping strategy between persons with Obsessive Compulsive disorder and Depressive disorder" to be submitted to the West Bengal University of Health Sciences for partial fulfillment in M.Phil In PSW course, Session 2014 – 2016.

Mrs. Rupa Chakraborty

- Attended a CRE on Assessment, Diagnosis & Intervention of Autism Spectrum Disorder from 8th January, 2016 to 12th January, 2016 at NIMH, Kolkata.
- Attended a seminar on "Depression & Diabetes" at SSKM, Kolkata on 13.04.2016.
- Attended a seminar on the "Overview of Smoking & Cessation" at IOP, Kolkata on 02.06.2016.

Ms. Oindrila Ganguly

- Attended a seminar on "Psychoanalysis- a journey from Classical to Contemporary perspectives" at Rotary Sadan, Kolkata on 02.03.2016 and 03.03.2016
- Attended a seminar "Depression & Diabetes" at SSKM, Kolkata on 13.04.2016.
- Attended a seminar on the "Overview of Smoking & Cessation" at IOP, Kolkata on 02.06.2016.
- Attended a seminar on "History, Neurology & Psychiatry" at IOP, Kolkata on 12.08.2016.

DEPARTMENTAL CLINICAL WORK

The Department of Psychiatric Social Work has started functioning from 2011 and is providing services on an outpatient and inpatient basis. The general outpatient service runs 6 days a week between 9.00 am and 4 pm from Monday to Friday and from 9 am to 2 pm on Saturday where psycho-social and clinical assessment, management and follow-ups are done on a regular basis. Wide range of Services offered by the department include individual therapy, group therapy for patients with mental retardation, autism spectrum, patients with substance abuse and their families and patients with OCD and Depression. Department also conducts family therapy, marital therapy, couple therapy and Crisis management. To boot, the department is also actively involved in conducting home visits, school visits, community visits and Institutional visits as and when necessary.

Department of Psychiatric Nursing, IOP, Kolkata

FACULTY NEWS

Mrs. Asha Sivaraman

- Publication : Effect of sensory stimulation techniques on emotional wellbeing and sensory perceptual ability of mentally retarded children attending selected special school (Journal of Kerala Nursing Forum)
- Presentation : Issues in sexual abuse research (National Seminar on "Mental Health & Wellbeing" University of Calicut Kerala)
- Registered PhD. Scholar with Mahatma Gandhi University Kerala.
- Subject : Effectiveness of safety skill training programme on perceived self assertiveness against sexual abuse among adolescent girls
- Ongoing project: Awareness and Practices of Menstruation Amongst Unmarried Female Adolescents in rural area of West Bengal by Mrs. Asha Sivaraman and Prof. Pradip Kumar Saha

Ms. Gita Purkait

- Participated in many national and international conferences and training programs. Among those on Psychiatry
- 3 days ISPN National Conference on Prevention & management of Tobacco Addiction in India in 2013,
 - 1 day continuing Nursing Education Program on "Mental Health Nursing Emergencies" in 2014.

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."
- Ms. Gita Purkait attended international conference organized by TNAI.

Mrs. Payel Saha

- 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."

Mrs. Kalpana Dey

- Attended seminar organized by Indian Psychiatric Society and TNAI

REGULAR ACADEMIC ACTIVITIES

- Weekly Case Conferences are also being held.
 - Separate weekly seminars are held in the Departments of Clinical Psychology & Psychiatric Social Work
 - Theory classes are being taken by faculty member and periodic internal theory & practical examinations are being taken
- Please See Appendix/Roster on last page.

RESEARCH PROJECTS

Ongoing research projects (IPGME&R):

- Epidemiology of common psychiatric disorders of the state of West Bengal funded by the DOFW, Govt. 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 software development phase is on and the field study will be launched in January.
- Study on "Factors affecting adherence to treatment and outcome Substance use Disorders (SUD) patients attending de-addiction clinic of a tertiary care hospital": Principal investigator: Dr Shikha Mukhopadhyay, Co-investigator: Dr Parthasarathy Biswas

Ongoing research as part of MD Psychiatry course:

- Dr Alok Kumar Mandal (Guide: Dr Sikha Mukhopadhyay) Titled " A study of factors and predictors of depression in patients of renal transplant recipients in a tertiary care hospital in Eastern India"
- Dr Aritra Chakraborty (Guide: Prof. (Dr) Pradeep Kumar Saha) Titled "A comparative study on comorbidities, stressors, 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
- Dr Awadhesh P. Solanki (Guide: Prof. (Dr) Pradeep Kumar Saha) Titled

Theses completed & submitted as part of requirement for MD Psychiatry

- Dr. Amitava Das (Guide: Prof. (Dr) Pradeep Kumar Saha) "Family burden and Quality of Life in Primary caregivers of patients with schizophrenia, Bipolar Affective Disorder and Depression: A comparative study."
- Dr. Sandip Kumar Hazra (Guide: Dr Sikha Mukhopadhyay) "The role of Life Events in Obsessive Compulsive Disorder"
- Dr. Sudipta Ghosh (Guide: Prof. (Dr) Pradeep Kumar Saha) "A comparative study of Childhood and adolescent Bipolar Disorder with or without anxiety disorder co-morbidity and its clinical implications".
- Dr. Sk. Maidul Islam (Guide: Prof. (Dr) Pradeep Kumar Saha) "A study on Quality of Life and psychopathology in parents of children with Attention Deficit Hyperkinetic Disorder."
- Dr. Tamoghna Bandhopadhyay: (Guide: Prof. (Dr) Pradeep Kumar Saha) – 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.

- Dr. Avik Kumar Layek: (Guide: Prof. (Dr) Pradeep Kumar Saha) – A study on use of volatile solvents : Its clinical, Socio-demographic profile, Psychiatric comorbidities and Genetic loading and quality of life.
- Dr. Arghya Halder : (Guide: Prof. (Dr) Pradeep Kumar Saha) 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.
- Dr. Joydeep Acharjee: (Guide: Prof. (Dr) Sikha Mukhopadhyay) – A comparative study of incidence of new onset obsessive compulsive symptoms in patient taking atypical antipsychotics (Olanzapine, Risperidone) and Haloperidol.
- Dr. Abhijit Chakraborty: (Guide: Prof. (Dr) Pradeep Kumar Saha) 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.

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

7. SERVICE INFORMATION

Number of indoor beds: 140

		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Indoor admissions in 2016	Male	18	24	21	21	21	29	39	48	61	30	46	50	408
	Female	09	14	12	06	09	15	20	23	35	25	21	22	211
	Total	27	38	33	27	30	44	59	71	96	55	67	72	619

Distribution of outdoor services is as follows

Days	Consultants	
Monday & Tuesday	Prof. Dr. Pradip Kumar Saha	Dr. Indranil Saha, Dr. Nikhiles Mondal, Dr. Rajarshi Neogi, Dr. Sujit Sarkhel Dr. Sikha Ghosh
Wednesday & Friday	Dr. Sikha Mukhopadhyay	Dr. Prasanta Kumar Das, Dr. Paramita Roy, Dr. Parthasarathy Biswas Dr. Subir Bhattacharjee
Thursday & Saturday	Prof. Dr. Amit Kumar Bhattacharya	Dr. Prathama Guha, Dr. Subir Hazra Chowdhury Dr. Dhrubajyoti Bagchi
Sunday 2 nd & 4 th	Prof. Dr. Pradip Kumar Saha	Dr. Parthasarathy Biswas

The following numbers of patients have been seen in Psychiatry OPD from January 2016 to December 2016

		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Adult Psychiatry	New	6428	4397	3564	2718	3073	2745	2766	2915	2868	2123	2337	2531	38465
	Old	2658	6199	7568	7298	8877	8211	8391	9441	9142	8137	9219	9913	95054
Child patients	New	87	96	103	103	123	112	144	136	150	122	87	90	1353
	Old	403	340	342	328	446	421	464	477	534	524	442	350	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:

S.No.	Clinic	Consultant	Days
1.	Child Adolescent Clinic	Dr. Sujit Sarkhel, Dr. Pradip Kumar Saha	Thursday
2.	Substance Abuse Clinic	Dr. Shikha Mukhopadhyay, Dr. Parthasarathy Biswas	Friday
3.	Geriatric Clinic	Dr. Shikha Mukhopadhyay, Dr. Pradip Kumar Saha	Tuesday
4.	OCD Clinic	Dr. Pradip Kumar Saha, Dr Uday Sankar Mandal	Wednesday
5.	Mood Clinic	Dr. Pradip Kumar Saha, Dr Subir Bhattacharya	Saturday

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

		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
De-addiction clinic	New	15	10	08	11	13	13	13	17	12	14	8	9	143
	Old	64	67	80	71	78	79	84	69	70	72	45	53	832
Geriatric clinic (>50yrs)	New	7	3	7	10	4	5	5	8	0	0	3	6	58
	Old	18	09	13	24	18	16	32	25	20	30	30	12	247
OCD Clinic	New	0	0	4	4	5	5	7	3	5	4	3	2	42
	Old	0	0	2	8	14	16	27	24	22	21	18	10	162

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 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.

Patients seen at Department of Clinical Psychology by MPhil Trainees in 2016 (Jan-Nov 2016)

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	TOTAL
IQ Assessment	250	217	235	228	242	207	195	216	203	185	236	2414
Diagnostic psychometry	111	144	133	134	118	109	121	105	130	102	107	1314
Individual & Group therapy	--	224	223	227	229	235	231	240	229	247	185	2270

Patients seen at Department of Clinical Psychology by Faculty in 2016 (Jan-Nov 2016)

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	TOTAL
Individual & Group therapy	316	253	256	200	221	220	205	206	212	177	318	2584

Nurses Training Program on Rights of Persons with Mental Illness: Lectures were held at IOP on various aspects of management of psychiatric patients. The audience included Nursing staff of IOP, Pavlov & Lumbini Mental Hospitals.

Department of Psychiatric Social Work

The Department of Psychiatric Social Work is newly formed in 2011 along with other two departments – The Department of Clinical Psychology and The Department of Psychiatric Nursing with the objective of starting psychosocial service to persons in need and higher teaching programs 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 acknowledges 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)

Services of Department of Psychiatric Social Work

The Department offer a wide range of clinical services through outpatient clinics and inpatient services. The general outpatient service runs 6 days a week between 9.00 am and 4pm from Monday to Friday and from 9 am to 2 pm on Saturday, both assessment and psychosocial management and follow ups to individuals and their family are being provided along with inpatient services.

Our current services

Assessment

- Psychosocial and Clinical assessment of individuals and family.

Psychosocial Intervention

- For individuals: Social Case Work, Individual Counselling and 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.

Completed research as part of M.Phil. PSW dissertation

1. A study of the role of meta-cognition and cognitive insight on symptom severity and the quality of life in OCD under guidance of Ms. Mittu Muthu Varghese and Prof. Pradip Kumar Saha
2. An assessment of psychosocial determinants of female convicts and general female population :A Comparative study under guidance of Ms. Mittu Muthu Varghese and Prof. Pradip Kumar Saha
3. Social Cognition and Schizophrenia under guidance of Ms. Mittu Muthu Varghese and Prof. Pradip Kumar Saha.
4. A study of emotional and behaviour problems of school going adolescents in Kolkata under guidance of Mr. Kamlesh Kumar Sahu and Dr. Shikha Mukherjee
5. Need and Feasibility study of family Intervention in Bipolar Disorder in a Tertiary Care Setting under guidance of Mr. Kamlesh Kumar Sahu and Dr. Sujit Sarkhel
6. Living with a person with Obsessive Compulsive Disorder:Spouses Experiences under guidance of Mr. Kamlesh Kumar Sahu and Prof. Pradip Kumar Saha

Ongoing research as part of M.Phil. PSW dissertation

7. A comparative study on the role of temperament on resilience among artist and non artist group under guidance of Ms. Mittu Muthu Varghese and Prof. Pradip Kumar Saha
8. A comparative study on human rights violence among patients with schizophrenia and bipolar affective disorder
9. Need assessment of the family of the persons with mental retardation under guidance of Mr. Kamlesh Kumar Sahu and Dr. Shikha Mukherjee
10. Vocational need assessment of the person with mental retardation Mr. Kamlesh Kumar Sahu and Dr. Amit Bhattacharya
11. Perceived stress, Anger expression and Coping strategies among the patients with OCD and Depressive episode: A comparative study under guidance of Ilora Barik Sil and Prof. Pradip Kumar Saha.

Statistical report - Department of Psychiatric Social Work													
	Jan	Feb	Mar	April	May	June	July	August	Sep	Oct	Nov	Dec	
Individual sessions (old)	51	70	40	41	68	95	109	97	148	79	122	83	1003
Individual sessions (new)	30	28	25	29	35	52	43	34	34	29	27	29	395
Group Therapy	04	05	05	05	05	05	05	04	04	04	08	08	62
Group Meeting	-	-	-	-	-	-	-	-	-	-	-	20	20
Home visits	04	04	04	04	04	04	06	06	05	05	05	00	51
Institutional visits	-	01-	02-	01-	-	01	-	01	-	-	-	-	06

The 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 Dhokulpur BPHC, Poilan, 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.

Statistical report - Department of Psychiatric Social Work

Assignments	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
Case work ups		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

List of candidates diploma in psychiatric nursing course-2016

- Barnali Roy
- Chandrima Paria
- Priya Batul
- Suhita Dutta
- Sangita Panigrahi
- Sumana Das

LIST OF DEPARTMENTAL FACULTY JOINING AND LEAVING AFTER LAST INSPECTION (PSYCHIATRIC NURSING)

DESIGNATION	NO.	NAMES	
		JOINING FACULTY	LEAVING FACULTY
Associate professor	1	Smt. Asha Shivaraman	Study leave
Assistant professor	5	Smt. Papiya paul Smt. Jharna Bag Smt. Liza T.Daniel Smt. Payel Saha Ms. Gita Purkait	Smt.Papiya paul Smt.Jharna Bag Smt.Liza T.Daniel
Nursing Tutor	2	Smt. Bina pani kundu Smt.kalpana Dey	Smt.Bina pani Kundu (superannuation)

Department of Psychiatry Biochemistry & Psychiatry Pathology

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, the proposal for various instruments for the Department of Haematology/Coagulation, Routine Bio-Chemistry, Immunochemistry, Clinical Pathology and PCR have been submitted. Tender for all gadgets are in progress. 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 was increased from 2 to 4. Pathologist, Dr. S.K.Das and Mrs. Chitra Mondal was included in the team in June 2014.

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, Biomedical Waste disposal, Phlebotomy, Critical Call policy, Staining procedures, Manual tests, Lab Software 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.

Free Legal Aid Centre at Institute of Psychiatry – COE

Legal Aid Centre" inside the campus of Institute of Psychiatry – COE has been inaugurated and started functioning from 9th November, 2015 at 11:00 A.M. for legal help to the mental ill patients.

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 neighbouring states as well as neighbouring countries of Nepal and Bangladesh.

STAFF

Faculty

Name	Degrees	Post/ Designation
Dr. Somenath Kundu	MD	Professor
Dr. Surajit Chatterjee	MD, FCCP (USA)	Assistant Professor
Dr. Ritabrata Mitra	MD, FCCP (USA)	Assistant Professor
Dr. Ranjit Kumar Halder	MD	Assistant Professor
Dr. Sauvik Burman	MD	RMO cum Clinical Tutor

Medical Officers

Name	Degrees	Post/ Designation
Dr. Amit Karmakar	MBBS	MO
Dr. Samar Das	MBBS	MO

Junior Residents

SESSION 2014-2017	SESSION 2015-2018	SESSION 2016-2019
Dr. Jyotirmoy Ghanta	Dr. Subhajit Sen	Dr. Subhankar Bera
Dr. Sibkinkar Lala	Dr. Rituparna Bose	Dr. Purnendu Dash
Dr. Somnath Sinharay	Dr. Raiza Hameed	Dr. Arindam Dutta

FACULTY NEWS

Publications in last 3 years

Prof. Somenath Kundu

1. A study of systemic manifestations of COPD in a tertiary care hospital. International Medical Journal Japan, 2016. 23(1) 39-42.
2. 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. Journal of Association of Chest Physicians 2016.4: 63-70.
3. A study of depression in adult patients with bronchial asthma presenting to a tertiary care hospital in Eastern India. Indian Journal of Chest Diseases and Allied Sciences 2015.57:87-90.

Dr. Surajit Chatterjee

1. A rare case of giant bulla mimicking tension pneumothorax. Journal of Medicine, Bangladesh: 2014.
2. A cross sectional study on different time intervals associated with delay in lung cancer diagnosis. Accepted for publication in Journal of association of chest physicians.

Dr. Ritabrata Mitra

1. A study of systemic manifestations of chronic obstructive pulmonary disease in a tertiary care hospital. International Medical Journal 2016; 23(1) : 39-42.
2. Lipid profile status in COPD and association with IL 8. British Journal of Medicine and Medical Research 2015; 9(7):1-7-18703.
3. Can vitamin D supplementation hasten recovery of tuberculosis? World journal of Pharmaceutical research 2015; 4(2): 1477-90.

4. Evaluation of cardiac biomarkers in detection of cardiomyopathy induced by cardiotoxic chemotherapeutic agents. Kathmandu university medical journal 2015; 12(48):269-74.
5. Common presentation with uncommon diagnosis: Multifocal Epithelioid Hemangioendothelioma. Oman Medical Journal 2015,
6. Oxcarbamazepine induced maculopapular rash—A case report. Journal of clinical and diagnostic research 2015;9(1):01-02.

Dr. Souvik Barman

1. A case of large solitary fibrous tumor of pleura and mediastinum a young man. International Medical Journal Vol 15, No. 5, pp 264-266, Nov 2015.

Conferences attended

Prof. Somenath Kundu

- Convener and examiner MD Pulmonary Medicine 2016 of WBUHS.
- Speaker and chaired sessions in the Annual State Conference of Association of Chest Physicians, State Cytopathology Conference, Annual State Conference of Geriatric Association of India.

Dr. Ritabrata Mitra

- CME and sensitization Programme on Tuberculosis, newer aspect of RNTCP held on World Tuberculosis Day 2016, Nursing staff on 26/10/2016 involving all interneers of IPGME&R IN PRESENCE of WHO Consultant.

STUDENT INFORMATION

- Dr. Arnab Sit stood first in MD Pulmonary Medicine Examination 2016 of WBUHS
- Dr. Ritam Chakraborty was awarded Gold Medal for being first in MD Pulmonary Medicine Examination 2015 of WBUHS

ONGOING RESEARCH WORK

- A cross sectional study on risk factors and its relation to outcome in patients admitted with community acquired pneumonia and health care associated pneumonia (Prof. S Kundu, Dr. Shibkinkar Lala)
- A prospective study on impact of diabetes mellitus on spectrum and outcome of tuberculosis in a tertiary care hospital. (Prof. S Kundu, Dr. Jyotimoy Ghanta)
- An observational study on Central nervous system manifestations of tuberculosis and non tubercular pulmonary diseases in a tertiary care hospital (Prof. S Kundu, Prof. Pulak kumar jana, Dr. Somnath Sinha Roy)
- 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 fibreoptic 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).

Conferences attended

- All the faculty members attended state pulmonary conference ACPCON 2016 at Kolkata. One of the faculty members were speakers in the said conference.
- All junior residents attended state pulmonary conference ACPCON 2015 at Kolkata. 2nd year residents presented clinical cases and 3rd year residents presented their dissertation topics in the conference.
- Two final year post graduate trainees attended national pulmonary conference NAPCON 2016 at Mumbai. They presented their dissertation topics in the conference.
- One faculty member attended national pulmonary conference NAPCON 2016 at Mumbai as speaker and chairperson and speaker in IAACON 2016 at Kolkata.
- One faculty member attended European Respiratory Conference 2016 at London.

SERVICE INFORMATION

Present unit composition and OPD days:

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

OPD attendance

OPD attendance			
OPD	New patients (37,812)	Male:	23456
		Female:	14356
OPD	Old patient (16,208)	Male:	10172
		Female:	6036
	Total: 54,020		
Nebulisation and other emergency care			3010
Thoracocentesis-			975

Spirometry

OPD	8055
Indoor cases specially preoperative cases of SSKM and BIN	859

RNTCP services and DOTS clinic

Total No. of sputum examined	2265
Total No of Sputum positive	208
CBNAAT study of pulmonary and extra pulmonary cases	550
Total MDR TB cases diagnosed	13
Total Indoor Patients put on DOTS	457
Total Outdoor Patients given DOTS from SSKM PHI	76
Total Patients refer outside Kolkata	789
Total patient refer within Kolkata	380

Indoor patients

Bed strength : 54

Total Admission	1360
Cases with successful outcome	1006
Bed occupancy	96%
Bed turnover	11.5 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.

SI No.	PROCEDURE	NO.
1.	Thoracocentesis	623
2.	Pleural Biopsy	136
3.	Intercostal Tube drainage	285
4.	Fibreoptic Bronchoscopy	350
5.	CT/ USG guided lung FNAC/ biopsy	156
6.	Pleurodesis	48
7.	Decortications and other major surgery in collaboration with Deptt of CTVS	51
8.	Noninvasive ventilation and critical care	567

The Department conducted sensitization programmes on RNTCP of Nursing personnel under the GFATMRT project supported by Indian Nursing Council.

Radiodiagnosis

STAFF

Faculty

Name	Degrees	Post/Designation
Dr. Utpalendu Das	MBBS, MD, DMRD	Professor & Head
Dr. Sohini Sengupta	MBBS, MD	Associate Professor Now on detailment to Dr. B. C. Roy Children Hospital
Dr. Nihar Ranjan Sarkar	MBBS, MD	Associate Professor
Dr. Sukharanjan Howladar	MBBS, MD	Assistant Professor
Dr. Sumit Chakrabarty	MBBS, MD	Assistant Professor
Dr. Archana Singh	MBBS, MD	Assistant Professor Now on detailment from Sagar Dutta Medical College
Dr. Samir Rana	MBBS, MD	Assistant Professor
Dr. Sudipta Saha	MBBS, MD	RMO Cum Clinical Tutor
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. Sudipta Sarkar	MBBS, MD	Senior Resident

Postgraduate trainees

MD

3rd Year (2014-2017)	2nd Year (2015-2018)	1s Year (2016-2019)
Dr. Koushik Nayek Dr. Manish Kumar Dr. Moon Kanjilal Dr. Shweta Kothari Dr. Sujata Bhowal Dr. Lovepreet Singh Dr. Mahuya Ghosh (MO-TR) Dr. Kousik Ghosh (MO-TR)	Dr. Amit Mondal Dr. Dinesh Jain Dr. Manisha Agarwal Dr. Puja Shah Dr. Ashish Dr. Chhabi Dr. Monalisha Hazra (MO-TR) Dr. Sushanta Sarkar (MO-TR)	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

Teachers transferred out

Nme	Designation	Transferred to
Dr Sukharanjan Hawlader	Assistant Professor	North Bengal Medical College as Associate Professor
Dr Barindranath Mallick	Assistant Professor	Murshidabad Medical College as Associate Professor

FACULTY NEWS

Prof. Utpalendu Das

- Head of the Department of Radiodiagnosis, IPGME&R and SSKM Hospital
- Attended IRIA State and National Conferences in 2016.
- Acting as Chair Person in National Conference of Indian Society of Paediatric Radiology.
- Acted as President of IRIA West Bengal State Chapter.
- Teaching of M.D. students.
- Thesis guide of P.G. students.
-

Dr. Nihar Ranjan Sarkar.

- • DRD Examiner (External) 2016 at RTIICS, 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.

Dr. Sumit Chakrabarty

- Appointed as external examiner of DRD. students in VIMS. In August, 2016
- Publications
- 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 INSPEC Accession Number: 16071961

Dr. Sudipta Saha

- Teaching of M.D. and D.R.D. (Tech) students. Publications:
- Publications
- Vitamin D supplementation reduces thyroid peroxidase antibody levels in patients with autoimmune thyroid disease: An open-labeled 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. 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

- 01. Internal DRD Examiner in IPGME&R
- 02. 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 Dept. is utilizing PGT students of this Institution to get them involved in Radiography, Dark-Room job, independent decision making for smooth running of the Department.
- Students of this Department are given opportunity of Exposures on CT scan and Angiography at Cardiology Department of this Institution.

Thesis work submitted

Shweta Kothari	Role of DWI and MR spectroscopy in diagnosis and prognostication of breast cancer.
Koushik Kumar Nayak	Radiological evaluation and correlation of thickness and hydration status of cartilage in knee osteoarthritis.
Koushik Mondal	Ultrasonography of thyroid gland during pregnancy – Comparison among trimesters

Lovepreet Singh Randhawa	Comparison of transthoracic lung ultrasonography with HRCT in diagnosis of alveolo-interstitial syndrome of systemic scleroderma.
Mahuya Ghosh	Evaluation of sininasal mass by CT scan and its clinicopathological correlation.
Manish Kumar	Detection and characterisation of intracranial aneurysm 3T MR angiogram vs DSA with 3D reconstruction.
Moon Kanjilal	Evaluation of ankle sprain by USG and MRI.
Sujata Bhowal	Conventional and MR arthrographic correlation of labroligamentous complex and rotator cuff pathologies in recurrent anterior dislocation of shoulder.

Thesis work ongoing

Thesis topics 2014-2017 batch MD Radiodiagnosis PGTs

Pooja Shah	MR Evaluation of Non traumatic Non neoplastic cervical myelopathy
Sushanta Sarkar	Role of HR-MRI and Carotid Doppler Study in the evaluation of atherosclerotic changes of carotid vessels.
Manisha Agarwal	Radiological Evaluation in a patient of Haemophilic Arthropathy
Monalisa Hazra	MRI of traumatic knee joint and arthroscopic correlation.
Amit Mondal	Role of MR enterography in the evaluation of Inflammatory Bowel Disease with comparison to Colonoscopy
Chhabi	Characterisation of Breast mass in USG and MRI and histological correlation.
Dinesh	Detection of Intracranial aneurysm in non traumatic SAH – DSA with 3D reconstruction versus 16 slice CT Angiography with 3D reconstruction.
Asish	Role of Doppler flow velocimetry and transcerebellar diameter in IUGR.

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 open-labeled randomized controlled trial - Indian Journal of Endocrinology and Metabolism	Sudipta Saha	Indian Journal of Endocrinology and Metabolism Year : 2016 Volume : 20 Issue : 3 Page : 391-398.
03. Deterioration of ovarian function after total abdominal hysterectomy with preservation of ovaries : endocrine practice	Sudipta Saha	ENDOCRINE PRACTICE Vol 22 No. 12 December 2016
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, Sudipta 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/	Sumir Majumder, Sudipta Saha, Samiran Samanta	PJR April - June 2016; 26(2): 124-125
09. Transient lateral subluxation of patella :typical MRI (3T)	Moon Kanjila, Sudipta	PJR April - June 2016; 26(2):

findings/	Saha, Surajit Das, Samiran Samanta	131-133
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SERVICE INFORMATION

Conventional X-ray

Month	Total cases	Total exposure	15x12 Film	12x10 Film	10x8 Film			
DEC'15 to NOV'16	25674	56866	28742	15251	2376			
IVU	Barium Meal	Barium Swallow	Barium Enema	Distal Cologram	Fistulogram	ASU & MCU	T-Tube	HSG 27
606	163	92	30	113	88	225	53	

Digital X- ray

Month	Total cases	Free Case
JAN'16 to NOV'16	68400	3053

IVU	Barium Meal	Barium Swallow	Barium Enema	Distal Cologram	Fistulogram	ASU & MCU	T-Tube	HSG 283
584	19	38	0	9	0	312	2	

Ultrasonography

Month	Total cases
DEC'15 to NOV'16	48356

MRI (3 Tesla)

Month	Total Cases	Total Investigations	Film Expenses
DEC'15 to NOV'16	6653	8416	17896

Radiotherapy

FACULTY

Prof. (Dr.) Siddhartha Basu, DMRT, MD	Professor & Head
Prof (Dr.) Santanu pal, MD	Professor
Prof (Dr.) Aloke Ghosh Dastidar, MD	Professor
Dr. Bidhisha Ghosh Naskar	Associate Professor
Dr. Kiran Shankar Bhattacharya, MD	Assistant Professor
Dr. Koushik Chatterjee, MD	Assistant Professor
Dr. Anindya Chakraborty, DCH, MD	Assistant Professor
Dr. Bikramjit Chakrabarti, MD, DNB	Assistant Professor
Dr. Sumana Maiti, DCH, MD	Assistant Professor
Dr. Suparna Kanti Pal , DMRT,MD, PGDMLE	RMO cum Clinical Tutor
Dr. Harris Md Sepai, DNB, MD	RMO cum Clinical Tutor
Dr. Chandan Banerji, DGO, DMRT	Medical Officer
Dr. Somapriya Basu Roy, M.Sc, DRP, PhD	Medical Physicist cum RSO
Mr. Sanjay Kumar Kar, M.Sc, DRP	Medical Physicist cum RSO

Postgraduate trainees

Dr Shreyas Ram	MD (Session 2014-17)
Dr Dharmendra Singh	MD (Session 2014-17)
Dr Vasudha	MD (Session 2014-17)
Dr Avinab Acharya	MD (Session 2014-17)
Dr Soma Halder	MD (Session 2014-17)
Dr Tanmoy Byapari	MD (Session 2014-17)
Dr Pritam Sardar	MD (Session 2015-18)
Dr Prerana	MD (Session 2015-18)
Dr Alok dut	MD (Session 2015-18)
Dr Rejakul Islam	MD (Session 2015-18)
Dr Koustav Chatterjee	MD (Session 2015-18)
Dr Suman Meyur	MD (session 2016-19)
Dr Amit Saklani	MD (session 2016-19)
Dr Arnab Roy	MD (session 2016-19)
Dr Annesa Lahiri	MD (session 2016-19)
Dr Bidhan	MD (session 2016-19)
Dr Antony Vergese	DMRT (Session 2015-2017)
Dr Sounik Das	DMRT (Session 2016-2018)
Dr Ansuman	DMRT (Session 2016-2018)
Dr Raja Bhounik	DMRT (Session 2016-2018)

Transfers & Postings

- Dr Suman Ghorai, Assistant Professor was promoted and transferred as Associate Professor in Bankura Sammilani Medical College & Hospital, Bankura
- Dr Sumana Maiti was Promoted as Assistant Professor in the Department.

FACULTY NEWS

Prof. Siddhartha Basu

- Thesis guide for MD (Radiotherapy) students
- Attended National level Conferences.

Prof. Santanu Pal

- Thesis guide for MD (Radiotherapy) students.
- Examiner for MD (RT) examination of WBUHS.
- Elected as President of Association of Radiation Oncologists of India, West Bengal Chapter

Prof. Alope Ghosh Dastidar

- Thesis guide for MD (Radiotherapy) students.
- Attended International & National level Conferences.

Dr. Kiran Shankar Bhattacharya

- Convener of DRT Examination.

Dr. Koushik Chatterjee

- Attended International & National level Conferences.

Dr. Sumana Maiti

- Attended national & State Conferences & Workshop
- Published papers in International Journals

Dr. Suparna Kanti Pal

- Attended National & State Conferences & Workshop

Regular academic activities

- Lecture Classes
- Bedside Clinics
- Radiotherapy including Brachytherapy Planning & machine handling
- Weekly seminars
- Weekly panel discussions
- Weekly theoretical examinations
- Journal Club

Thesis publications, students and research information

- Dr Rajeev Bhattacharya, Dr. Ranti Ghosh Dr. Biswadeep Chandra Dr Soumen Mukherjee Dr Vishnu Gopal Dr Shiladitya Roy Choudhury and Dr Subir Pal have passed the MD (RT) Examinations
- The department conducts both Investigator initiated and Regulated Clinical Trials.
- Paramedical course - DRT is being taught, no of students- 6 per year

The department conducts both Investigator initiated and Regulated Clinical Trials.

SERVICE INFORMATION

- Bed location: Radiotherapy ward (male and female), Radiotherapy Building 1st floor.
- Number of beds: Female- 29, Male-31, Total-60
- Number of Cabins: Female -2, Male-2, Total-4
- Total number of patients admitted: From November 2015- October 2016—Male-3416, Female-2898, Total-6314

OPD location- Radiotherapy OPD complex Ground Floor.

- OPD attendance- From November 2015 to October 2016 -19105
- Special Clinic (Tumor Board) attendance: From November 2015- October 2016 —1753
- New cases registered: From November 2015- October 2016 —3248
- Number of cases receiving Chemotherapy: 6687
- Patient on Radiotherapy - 65

Admission and Transfer of patients are recommended by Tumor Board only, held on every Tuesday and Friday at 12 noon.

NEW DEVELOPMENTS

- State of Art Cobalt Machine – Bhabatron II has been commissioned for the purpose of External beam Radiotherapy.
 - A CT Simulator has been commissioned to provide for better patient care and appropriate teaching facility for the Post Graduate Students.
 - A new OPD Complex for RT OPD is being constructed.
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Rheumatology

STAFF

Faculty

Designation	Name & qualification
Professor & Head	Dr. Alakendu Ghosh, DNB (Medicine), FRCP (London)
Professor	Dr. Parasar Ghosh, MD (Medicine), DM (Clinical Immunology)
Associate Professor	Dr. Pradyot Sinhamahapatra, MD (Medicine), DNB (Medicine)
Assistant Professors	Dr. Subhankar Haldar, MD (Medicine)
	Dr. Hira Manik Sit, MD (Medicine)
RMO cum Clinical Tutor	Dr. Anupam Maity, MD (Medicine)
	Dr. Arghya Chattopadhyay, MD (Medicine)
Radiologist	Dr. Debasish Lahiri MBBS, DMRD

DM Student 3rd Year	Dr. Rudra Prasad Goswami
	Dr. Sumantro Mondal
DM Student 2nd Year	Dr. Geeta Bali Sircar
	Dr. Debanjali Sinha
DM Student 1st Year	Dr. Deepak Rath
	Dr. Dipendra Nath Ghosh
Senior Resident	Dr. Avishek Naskar

PhD Scholars

JRF, SRF, PhD Scholars	Sampurna Roy Choudhury Mazumder Ayindrila Saha Basak Sanchaita Misra Sudipta Chatterjee Dipanjana Bhattacharjee Sulagna Chatterjee Anwesha Bandyopadhyay
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Sisters

Indoor / Outdoor / Day care	Swapna Giri – Sister in charge Rheumatology Department Sumita Hore – Day care Ranjana Dutta Joyeeta Bar Sudeshna Banerjee Rinku Roy Keka Panchadhyai Kaberi Dey
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Lab and office staff

Laboratory Technician	Halim Molla Bikash Chandra Purkait 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 Ajay Bag
Group-D Staff (Non-Govt., from Project)	Vinod Mallick

SERVICE INFORMATION

Services	Details	Frequency	Volume
Outpatient services	Rheumatology OPD	Thrice/week (Monday, Wednesday & Friday)	270 -400 per day
	Lupus clinic	Once/week (Tuesday)	90-110 per week
	Early Arthritis clinic / Scleroderma clinic / Vasculitis clinic / Biologics board	Once/week (Thursday)	60 -80 per week
	Pediatric Rheumatology	Once / Week (Thursday)	10-20 per visit
Indoor (Male)	Rheumatology Building 2 nd Floor	Monday to Saturday	70 - 80 per month
Indoor (Female)	Rheumatology Building 3 rd Floor		
Day Care	Intra-articular injection Nerve biopsy / Muscle biopsy Injection Endoxon intravenous Injection biologicals (Infliximab, Rituximab, Tocilizumab, Abtacept etc.) Lip biopsy		330-365 per month 2-3 per month 30 per month 15-20 per month 3 per week

Imaging	BMD DEXA	Twice/week (Tuesday & Thursday)	25 -30 per week
	MSK-USG/PDUS	Monday to Saturday	60-75 per week
	Kidney biopsy – USG guided		8-10 per month
	USG – guided intra-articular injection	Monday & Friday	5 -10 per week
Laboratory services	Autoantibody testing like RF, hsCRP, Ceruloplasmin, IgG, IgA, IgM, LP(a), Anti-CCP, ANA, ds-DNA, C3, C4, ANA profile (ENA), MPO, PR3 ANCA(cANCA, pANCA), Ferritin, 25(OH) VitD, ASMA, AMA, LKM, Cryoglobulin, Cryofibrinogen etc.		Done regularly

Academic activities

Morning session	<ul style="list-style-type: none"> Seminars on every Monday Journal club / scan on every Tuesday Seminars on basic research in Immunology on every Wednesday Seminars on recent advances on every Friday by PDTs and Faculties
Afternoon session	<ul style="list-style-type: none"> Interactive case presentation by PDTs on every Thursday

Achievements and support

This is the perhaps the only rheumatology department in the country which is having a dedicated six-storied building. This is also the only department in the country which is having “Rheuma Lab” in the form of musculoskeletal ultrasonography machine and extremity MRI machine. The department is also involved in research (epidemiological, clinical and basic immunology) projects sanctioned by DST and ICMR. It has also become a Government of India DST-FIST-sponsored department on the basis of these research activities.

RHEUMATOLOGY TRAINING	<ul style="list-style-type: none"> DM Course started from 2013 with two post doctoral trainee per year. The course has been approved by Medical Council of India. First batch completed their training this year. Short course training in Rheumatology for Post doctoral trainee of different institutions of India. Two batches from CMC Vellore and SGPGI Lucknow completed their training and a batch from Indraprastha Apollo New Delhi has registered for training. PhD course on basic immunology and Rheumatology.
RESEARCH GRANTS	<ul style="list-style-type: none"> 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 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 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. Evaluation of inflammation in primary osteoarthritis of knee and its therapeutic response to methotrexate. Department of Science & Technology, Government of West Bengal.
DST-FIST SUPPORT	DST–FIST infrastructural support for expanding research activity is ongoing.

Publications

Prof. Alakendu Ghosh

- Inflammatory Muscle Diseases. In API Textbook of Medicine 2016;2539-44
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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
- Shyamashis Das, Rudra Prosad Goswami, Alakendu Ghosh, Parasar Ghosh, Debasish Lahiri & Kaushik Basu. Temporal evolution of urate crystal deposition over articular cartilage after successful uratelowering therapy in patients with gout: An ultrasonographic perspective. DOI: 10.1080/14397595.2016.1214229.

Prof. Parasar Ghosh

- 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.
- 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.
- 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.

- 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.

Dr. Pradyot Sinhamahapatra

- 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
- Inflammatory Muscle Diseases. In *API Textbook of Medicine* 2016;2539-44
- Sensitivity and specificity of ultrasonographic features of gout in intercritical and chronic phase. *International Journal of Rheumatic Diseases* 2016.

Dr. Rudra Prasad Goswami

- 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.
- 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.
- 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.
- 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.

Dr. Sumantro Mondal

- Development of a colour Doppler ultrasound scoring system in patients of Takayasu's arteritis and its correlation with clinical activity score (ITAS 2010). D Sinha, S Mondal, A Nag, A Ghosh. *Rheumatology* 52 (12), 2196-2202.
- Ultrasonography as a useful modality for documenting sacroiliitis in radiographically negative inflammatory back pain: a comparative evaluation with MRI. A Ghosh, S Mondal, D Sinha, A Nag, S Chakraborty. *Rheumatology* 53 (11), 2030-2034.
- Unilateral sternocostoclavicular hyperostosis in a patient with ankylosing spondylitis: A case report with color Doppler ultrasonogram findings. S Mondal, D Sinha, A Nag, A Ghosh. *Indian Journal of Radiology and Imaging* 23 (3), 278.
- Sterno clavicular joint osteoarthritis in a patient with rheumatoid arthritis a case report with Classical sonographic features. S Mondal, D Sinha, A Nag, A Chakraborty, T Ete, A Ghosh. *Journal of Diagnostic Medical Sonography* 31 (3), 186-189.
- A Foe Incognito: Paraneoplastic Sacroiliitis. S Mondal, D Sinha, T Ete, RP Goswami, J Bardhan, A Ghosh. *J Med Cases*. 2016;7(8): 341-343.
- Ultrasound is a useful adjunct in diagnosis of eosinophilic fasciitis. S Mondal, RP Goswami, D Sinha, A Ghosh. *Rheumatology* 54 (11), 2041-2041.
- 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.

Dr. Kaushik Basu

- Evidence for treating rheumatoid arthritis to target: results of a systemic literature search update. *ARD*. 2016 Jul; 75(7):e.
- Posterior reversible encephalopathy syndrome in a patient with lupus nephropathy on rituximab therapy: a challenge to find the offender. *Lupus*. 2016 April; 24(4): 445-6.

Dr. Shyamashis Das

- 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
- Shyamashis Das, Rudra Prasad Goswami, Alakendu Ghosh, Parasar Ghosh, Debasish Lahiri & Kaushik Basu. Temporal evolution of urate crystal deposition over articular cartilage after successful uratelowering therapy in patients with gout: An ultrasonographic perspective. DOI: 10.1080/14397595.2016.1214229

School of Digestive and Liver Diseases

FACULTY

Medical Gastroenterology

- Prof. Gopal Krishna Dhali
- Dr. Kshaunish Das
- Dr. Rajib Sarkar
- Dr. Partha Sarathi Patra
- Dr. Debashis Misra

Hepatology and Center for Liver Research

- Prof. Amal Santra
- Prof. Abhijit Chowdhury
- Dr. Soma Banerjee
- Dr. Kausik Das
- Dr. Simanti Datta
- Dr. Mahiuddin Ahammed
- Dr. Suparna Pal

GI and Liver Pathology

- Dr Ranajoy Ghosh
- Dr Aniket Halder

GI Surgery

- Prof. Sukanta Ray
- Dr. Sumit Sanyal
- Dr. Somak Das

GI Anaesthesia

- Dr. Tapas Ghosh
- Dr. Dibyendu Ghrai
- Dr. Saikat Bhattacharya

GI Radiology

Dr. Avik Sarkar

Students / Trainees / Fellows

• Senior Residents (Medical + Surgical GE)	4
• Senior research Fellow	1
• DM (Medical Gastroenterology & Hepatology):	20
• MCh (Surgical Gastroenterology):	1
• Students pursuing PhD:	10
• Students submitted PhD thesis:	5

Medical officers

4

ACADEMIC ACTIVITIES

Publications from SDLD in 2016

1. Ghosh S, Nandi M, Pal S, Mukhopadhyay D, Chakraborty BC, Khatun M, Bhowmick D, Mondal RK, Das S, Das K, Ghosh R, Banerjee S, Santra A, Chatterjee M, Chowdhury A, Datta S. Natural killer cells contribute to hepatic injury and help in viral persistence during progression of hepatitis B e-antigen-negative chronic hepatitis B virus infection. ClinMicrobiol Infect. 2016; 22(8): 733.e9-733.e19.
2. Roy N, Dasgupta D, Mukhopadhyay I, Chatterjee A, Das K, Bhowmik P, Das S, Basu P, Santra AK, Datta S, Dhali GK, Chowdhury A, Banerjee S. Genetic Association and Gene-Gene Interaction Reveal Genetic Variations in ADH1B, GSTM1 and MnSOD Independently Confer Risk to Alcoholic Liver Diseases in India. . PLoS One. 2016 Mar 3;11(3):e0149843.
3. Amit Ghosh, Alip Ghosh, Somenath Datta, Debanjali Dasgupta, Soumyajit Das, Sukanta Ray, Subash Gupta, Simanti Datta, Abhijit Chowdhury, Raghunath Chatterjee, Saroj Kant Mohapatra and Soma Banerjee Hepatic miR-126 is a Potential Plasma Biomarker for Detection of Hepatitis B Virus Infected Hepatocellular Carcinoma.. International Journal of Cancer, February 8, 2016.
4. Ghosh A, Ghosh S, Dasgupta D, Ghosh A, Datta S, Sikdar N, Datta S, Chowdhury A, Banerjee S.

Hepatitis B Virus X Protein Upregulates hELG1/ ATAD5 Expression through E2F1 in Hepatocellular Carcinoma. *Int J Biol Sci.* 2016;12(1):30-41.

5. Outcome of surgery for recurrent pyogenic cholangitis: a single center experience. Sukanta Ray, Sumit Sanyal, Kshaunish Das, Ranajoy Ghosh, Somak Das, Sujan Khamrui, Avik Sarkar, Gautam Chattopadhyay. *HPB (Oxford)* 2016 Oct; 18(10): 821–826. Published online 2016 Jun 28
6. Falciform ligament flap for the protection of the gastroduodenal artery stump after pancreaticoduodenectomy: A single center experience. Ray S1, Sanyal S2, Ghatak S2, Sonar PK2, Das S2, Khamrui S2, Chattopadhyay G2. *J Visc Surg.* 2016 Feb;153(1):9-13. doi: 10.1016/j.jviscsurg.2015.10.007. Epub 2015 Oct 29.

Manuscripts communicated/Accepted or under revision

1. MicroRNA-199a-3p Suppresses Tumor Growth, Migration, Invasion and Angiogenesis in Hepatocellular Carcinoma by Targeting VEGFA, VEGFR1, VEGFR2, HGF and MMP2. Alip Ghosh, Debanjali Dasgupta, Amit Ghosh, Shrabasti Roychoudhury, Sukanta Ray, Simanti Datta, Abhijit Chowdhury, Thomas Schmittgen and Soma Banerjee under revision in *Cell death and diseases*.
2. Oncogenic Potential of Hepatitis B Virus Subgenotype D1 Surpasses D3: Significance in the development of Hepatocellular carcinoma", Somenath Datta, Debanjali Dasgupta, Alip Ghosh, Alak Manna, Simanti Datta, Mitali Chatterjee, Abhijit Chowdhury and Soma Banerjee Submitted in *Oncotarget*.
3. Characterization of a Novel microRNA Identified by Small RNA Deep Sequencing and Its Implication in the Development of Hepatocellular carcinoma. Suchandrima Ghosh, Joyeeta Chakraborty, Priyanka Kumari, Amit Ghosh, Alip Ghosh, Debanjali Dasgupta, Shaleen Agarwal, Subash Gupta, Simanti Datta, Abhijit Chowdhury, Raghunath Chatterjee and Soma Banerjee. Submitted in *Scientific Report*.
4. HBV quasispecies composition in Lamivudine-failed chronic hepatitis B patients and its influence on virological response to Tenofovir-based rescue therapy. Priyanka Banerjee, Abhijit Chakraborty, Rajiv Kumar Mondal, Miss Mousumi Khatun, Somenath Datta, Kausik Das, Pratap Pandit, Souvik Mukherjee, Soma Banerjee, Saurabh Ghosh, Saikat Chakrabarti, Abhijit Chowdhury and Simanti Datta. Submitted in *Scientific Reports*.
5. Synergistic impact of mutations in coding and regulatory regions of HBV contribute to its occult phenotype in chronic HCV carriers. Rajiv Kumar Mondal, Mousumi Khatun, Priyanka Banerjee, Alip Ghosh, Sumanta Sarkar, Amal Santra, Kausik Das, Abhijit Chowdhury, Soma Banerjee and Simanti Datta. Submitted in *Scientific Reports*.
6. Percutaneous drainage may not be necessary in a significant subset of patients with complicated liver abscess. Saptarishi Bishnu, P. S. Patra, Das K, accepted in *tropical gastroenterology*.

ONGOING PROJECTS

SN	Title / Investigators	Duration
1	"Assessment of the burden of metabolic syndrome linked disease in general population: Organization of cohort for future studies" PI: Dr. Abhijit Chowdhury	2 years
2	" Study to explore the risk of chronic liver injury and liver fibrosis in patients treated with anti tubercular drugs" PI : Dr Rajib Sarkar	3 years
3	" Assessment of liver disease burden in among tribal children : A community based clinic-epidemiological and biochemical study" PI: Dr. Debashis Misra	3 years

4	"Crohn's disease in India : A multicentre study from country where intestinal tuberculosis as well as crohn's disease is endemic" PI : Dr. G. K. Dhali	3 years
5	Integrative analysis of miRNA and miRNA in liver tissues and exosomes from blood of hepatitis C virus (HCV) related hepatocellular carcinoma (HCC) patient to identify biomarker and regulators of HCC. # BT/PR11971/MED/29/890/2014 Funding Agency : DBT PI : Dr. Soma Banerjee	2015- 2018.
6	Identification of Hepatitis B virus DNA integration site in liver tissue of HBV related Cirrhosis and Hepatocellular carcinoma patients to understand the mechanism of Hepatocarcinogenesis. #75/ST/P/S&T/9G-21/2012. Funding Agency : West Bengal State DST PI : Dr Soma Bannerjee	May, 2013- April, 2016
7	Study to understand the importance and contribution of telomere, telomeric proteins and telomerase in the development of hepatocellular carcinoma. #27(0305)/14/EMR-II Funding Agency: CSIR PI : Dr. Soma Banerjee	January, 2015- December, 2018
8	Insight into the pathogenic potential of prevalent hepatitis B virus (HBV) genotypes/subgenotypes associated with the development liver cirrhosis and hepatocellular carcinoma in Eastern India and its molecular analysis to understand the disease severity. Funding Agency : WB DST PI : Dr Soma Banerjee	2016-2019
9	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. Funding Agency : WB DB PI : Dr Soma Banerjee	2016-2019
10	Biology of Hepatitis B virus of genotype D in an integrated clinico-virological perspective Funding Agency : DBT PI : Dr. Abhijit Chowdhury	2013-2016
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 Funding Agency : WB DST PI : Dr. Simanti Datta	2015-2018
12	Tracing the role of Myeloid Derived Suppressor Cells in HBV immunopathogenesis. Funding Agency :WB DBT PI : Dr. Simanti Datta	2015-2018

Meetings attended and awards received

National meeting

Presented posters

1. Poster presented by Rajiv Kumar Mondal in Symposium on 'Biology and Molecular Pathogenesis of Viruses', 2016, IISc Bangalore. Title: "Mutations in coding & regulatory regions of HBV synergistically contribute to its occult phenotype in chronic HCV carriers."
2. Poster presented by Debanjali Dasgupta in Symposium on 'Biology and Molecular Pathogenesis of Viruses', 2016, IISc Bangalore. Title: "Oncogenic Potential of Hepatitis B Virus Subgenotype D1 Surpasses D3: Significance in the development of Hepatocellular carcinoma"
3. Poster presented by Suchandrima Ghosh in 24th Annual Conference of Indian National Association for Study of the Liver (INASL), 2016, Gurgaon, Delhi, India, on "Investigation of Therapeutic Potential of microRNA-509-5p for HCV infection."

4. Poster presented by Suchandrima Ghosh in 24th Annual Conference of Indian National Association for Study of the Liver (INASL), 2016, Gurgaon, Delhi, India, on "Characterization of a Novel microRNA Identified by Small RNA Deep Sequencing and Its Implication in the Development of Hepatocellular carcinoma."

Awarded posters and talks

5. Best poster award received by Debanjali Dasgupta in 24th Annual Conference of Indian National Association for Study of the Liver (INASL), 2016, Gurgaon, Delhi, India. Title of the poster: "MicroRNA-124 ameliorates alcohol induced liver injury by restricting multiple components involved in intracellular cross talk."
6. Best poster award received by Sourina Pal in Symposium on 9th TCS Annual Event on Flow Cytometry Workshop, Flow Application in Basic Applied and Clinical Biology (FABACTCS 2016), November 3-5, 2016. Title: "Monocytic—Myeloid Derived Suppressor Cells accumulate in patients with chronic Hepatitis B and mediate immunosuppression via induction of Regulatory T cells."
7. 2nd prize awarded for oral presentation to Debanjali Dasgupta in 24th Annual Conference of Indian National Association for Study of the Liver (INASL), 2016, Gurgaon, Delhi, India, for presenting "Oncogenic Potential of Hepatitis B Virus Subgenotype D1 Surpasses D3: Significance in the development of Hepatocellular carcinoma".
8. 3rd prize awarded for oral presentation to Debanjali Dasgupta at CCHuGe one day symposium November, 2016 at Jhargram, West Bengal, for presenting "MicroRNA-124 ameliorates alcohol induced liver parenchymal injury by targeting multiple components involved in kupffer cell-hepatocyte cross talk."

International meetings

Presented posters

1. Poster presented by Madhuparna Nandi in 18th Annual International Meeting of The Institute of Human Virology, September 19-22, 2016, Baltimore, USA, on "CD8+ CD28- T Cells : A major T cell subset with diverse functions in chronic HBV infection."
2. Poster presentation by Dr Guurubasava Lakamaji in APDW2016, Kobe, Japan titled "Assessment of health related quality of life in Indian patients with ulcerative colitis"

Awarded Posters

3. Registration Fee Waiver Award received by Mousumi Khatun in 2016 International Meeting on Molecular Biology of Hepatitis B Viruses, Seoul, South Korea, September 21-24, 2016, for poster presentation on "Insights into the pathogenic potentials of subgenotypes D1, D2, D3 & D5 of Hepatitis B Virus."
4. Mousumi Khatun was Awarded DST Travel Grant under ITS Scheme for attending '2016 International Meeting on Molecular Biology of Hepatitis B Viruses' at Seoul, South Korea, September 21-24, 2016
5. Travel Award received by Debanjali Dasgupta in 2016 International Meeting on Molecular Biology of Hepatitis B Viruses, Seoul, South Korea, September 21-24, 2016, for poster presentation on "Oncogenic Potential of Hepatitis B Virus Subgenotype D1 Surpasses D3: Significance in the development of Hepatocellular carcinoma."

Students Awarded Ph.D. Degree

1. Dr. Alip Ghosh
2. Dr. Somenath Datta
3. Dr. Priyanka Banerjee
4. Dr. Rajiv Kumar Mondal
5. Dr. Debosree Bishnoo

Awards and Membership received by faculty

- Dr. Soma Banerjee has received ICMR International Fellowship for Biomedical Scientist, 2016.

- Dr. Simanti Datta is elected as Member of The National Academy of Sciences, India, 2016.

Invited lectures

By Dr. Soma Banerjee:

- 2nd International Conference on Translational Research at KIIT, Bhubaneswar-2016. Title of the talk was "Evaluation of therapeutic potential of miRNA-124 in alcohol induced liver diseases (ALD)"
- Symposium on 'Biology and Molecular Pathogenesis of Viruses' at Indian Institute of Science, Bangalore-2016. Title of the talk was "Significance of Genotype and Subgenotype of Hepatitis B Virus on Hepatocellular carcinoma Development: A Molecular Insight".
- Two days symposium on next generation sequencing organized by Bioserve biotechnology and Centre for Cellular and Molecular Biology (CCMB), Hyderabad-2016. Title of the talk was "MicroRNAs: Potential Biomarker, Therapeutics and Gene Regulator in Hepatocellular carcinoma identified from genome wide analysis".
- International conference on translational research, Bose Institute, Kolkata-2016. Title of the talk was "MicroRNA-199a-3p Suppresses Tumor Growth, Migration, Invasion and Angiogenesis in Hepatocellular Carcinoma by Targeting VEGFA, VEGFR1, VEGFR2, HGF and MMP2"
- BITS conference on gene and genome regulation, BITS Pilani, Rajasthan -2016. Title of the talk was "Identification of a molecular therapeutic for hepatocellular carcinoma (HCC) from genomic study".
- 17th all India congress of cytology and genetics and international symposium on exploring genomes: The new frontier. Indian Institute of Chemical Biology, Kolkata, 2015. Title of the talk was "Identification of a molecular therapeutic for hepatocellular carcinoma (HCC) from genomic study".

SERVICE INFORMATION

OPD and in-patient service

	New Patients	Old Patients	Total patients
OPD service			
GE OPD	55509	23752	79261
Hepatology OPD	7129	11743	18872
Pediatric GE OPD	1164	1014	2178
GI Surgery OPD	1544	2826	4370
Indoor admission			
GE Indoor admission	-	-	1503
Hepatology Indoor admission	-	-	849
GI Surgery Indoor admission	-	-	396

Endoscopy service

Procedure	Number
Upper GI Endoscopy Diagnostic	9463
Upper GI Endoscopy Therapeutic	1252
Colonoscopy	1913
Sigmoidoscopy	365
ERCP	1114
SVE	115
APC	154
Esophageal Dilatation	589
Fibro Scan	702
Liver Biopsy	338
Endoscopic Ultrasound	256
Double Balloon Enteroscopy	34

Capsule Endoscopy	32
Manometry (esophageal + rectal)	28

Radiology service

Procedure	Number
Diagnostic Ultrasound	7464
PTBD	30
PCD	92
NJ tube insertion	2
HVPG	1
PAIR	3
Fistulogram	3
Ba swallow	4
Ba enteroclysis	1

Pathology service

Procedure	Number
Biopsy	1447
FNAC	210
Review biopsy	150

Liver ITU service

	Number
Admitted	184
Death	59

Gastro-surgery service

Operative procedures	Number
Stomach & Esophagus	27
Small and large bowel	58
Gall Bladder	50
Bile Ducts	64
Pancreas	108
Liver	39
Shunting for PHTN	19
Others	1
Liver Transplant	2
Total	368

Surgery

In Memoriam

Faculty members, staff and students of the Department of Surgery tearfully announce the untimely demise of one of their brilliant postgraduate students, Dr. Amitava Mandal (2014-17 session), in an unfortunate road traffic accident on December 5, 2016, the fateful day on which he appeared for his Annual (Medal) Examination and topped the list to claim the medal.

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. Susnata De	MS (Cal)	Assistant Professor
Dr. Amit Ray	MS (Cal), MCh (Ped Surg)	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. Prakash Bhagat	MS (Cal)	RMO cum Clinical Tutor
Dr. Koustav Mandal	MS	RMO cum Clinical Tutor
Dr. Somnath Biswas	MS (Cal)	RMO cum Clinical Tutor
Dr. Mainak Pal	MS (WBUHS)	RMO cum Clinical Tutor
Dr. Bappaditya Sarkar	MS (Cal)	RMO cum Clinical Tutor
Dr. A. Mukherjee	MBBS (Cal)	Medical Officer

Transfers and postings

Dr Subhasis Saha, Associate Professor, has resigned from the service. Dr. Suvra Ganguly, Assistant Professor, has been transferred to NBMC and Dr. Md. Tanveer Adil, Assistant Professor, went for a leave. Dr. Prakash Bhagat, RMO cum Clinical Tutor has been selected for the course of MCh(Surgical Oncology) at AIIMS, New Delhi, and will soon be released for his higher study. Dr. Pranab Kumar Mandal, RMO cum Clinical Tutor has been transferred to NBMC. Dr. Subhra Datta, Senior Resident has been selected for the course of MCh (Plastic Surgery) of WBUHS and has since joined the course.

Postgraduate trainees (MS Students)

Session 2014-17	Session 2015-18	Session 2016-19
<ul style="list-style-type: none"> • Durga Prasad Nanda • Somdev Sil • Bhaswati Ray • Maheswar Murmu • Ankit Misra • Arnab Chakroborty • Bapan Kumar Pradhan • Milton Swarnakar • Partha Sarathi Mandal • Sumit Kabra • Kumar Dheeraj • Dipankar Saha • Safikul Islam • Chiranjit Mukherjee 	<ul style="list-style-type: none"> • Gouri Mukhopadhyay • Md. Anisur Rahaman • Pankaj Kumar • Bikram Halder • Santanu Krishna Agarwal • Abhishek Mandal • Atanu Halder • Saurabh Dixit • Prajjol Kumar Biswas • Tanvi Goel • Priyaranjan Mandal • Arindam Das • Sahid Khondakar • Bibekananda Bera • Nemai Chandra Mandal 	<ul style="list-style-type: none"> • Kumar Sonal • Rudradeep Banerjee • Fermin Iswary • Anirban Basu • Ronmita Pal • Sandipan Purokait • Sukanta Chakroborty • Indranil Chakroborty • Monoj Ghosh • Biswaprakash Das • Tamaghna Pal • Radharaman Mandal • Susangata Choudhury • Susom Das

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.

Several faculty members were invited to participate in Thyroid Society of India Annual Conference at Kolkata , November, 2015 where Prof. B. K. Chattopadhyay, Prof. M. L. Saha, Prof. D. K. Sarkar, Dr. Soumen Das either presented papers or conducted interdisciplinary panel discussions.

Department successfully carried out its responsibilities of executing the 8th Modular course for the postgraduates of the Association of Surgeons of India by organizing one-day programme on hands on demonstrations on 11th. December, 2015 focusing on the Oral and Practical part of the Postgraduate University Examination.

A single day Live operative workshop and CME with the international guest faculty Dr Debashis Ghosh was arranged. Dr Ghosh performed live oncoplastic surgery followed by lectures.

Several of the faculty members attended the ASICON 2015, the annual conference of the Association of Surgeons of India held at Gurgaon, Haryana in December, 2015 and Prof. P. K. Bhattacharya presented a paper on "Approach to a patient with post lap chole biliary fistula". Prof. D K. Sarkar presented papers on "Mastectomy steps" and "Breast Conservation/ SLNB" and took PG Master Class on Breast.

Department organized the Surgery Oral and Practical part of the M.B.B.S. Examination successfully in January, 2015 of the regular batch and the subsequently the Supplementary in May, 2015 under the chairmanship of Prof. D. K. Sarkar.

Several faculty members along with number of postgraduate students participated in SASICON 2016, the annual conference of the State Chapter of Association of Surgeons of India held at Jalpaiguri in February, 2016. Prof. B. K. Chattopadhyay presented the prestigious Dr. P. C. Sanyal Memorial oration ("colorectal

anastomotic leaks”) and Prof. M. L. Saha participated as a guest faculty in the live operative workshop (performed open Lateral Pancreatojejunostomy operation).

Department again successfully carried out its responsibilities of executing the next Modular course for the postgraduates of the Association of Surgeons of India in July, 2016.

A CME and live workshop was held in August, 2016 in the Departmental Seminar Room in collaboration with the Department of Surgical Gastroenterology, SDLD where Prof. Sailesh Srikhande of Tata Memorial Hospital, Mumbai performed D2 Gastrectomy at SDLD OT and a continuous interactive session went on while the operations were being performed. A CME on recent advances on carcinoma stomach were also discussed by Prof. Srikhande and Dr. Ashwin D’Souza, also from TMH, Mumbai.

Department organized the annual IPGMER Surgical Oncology meet ONCOSURGE 2016 with live workshop of laparoscopic oncological operations carried out by several eminent national faculties followed by CME lectures, panel discussions and post-graduate master classes by the eminent national and local faculties, held in the month of July, 2016. It was attended by more than 150 delegates. The highlights of the program were the participation by the national faculty like Dr Puntambeker, Dr Rajkumar and Dr Chintamani.

Department organized the Skill Course programme of the Association of Minimal Access Surgeons of India (AMASI) from 4th to 6th August, 2016 under the able leadership of Prof. M. L. Saha and several faculty members including Prof. Chattopadhyay, Prof. Saha, Prof. Bhattacharya and Dr. Soumen Das participated as faculty and delivered course lectures and hands-on training.

Round table discussion on early diagnosis strategy: A joint effort with Bangladesh was another international event in the department attended by 10 Bangladeshi and 20 West Bengal faculty and saw an in depth discussion on strategies for early diagnosis of Breast cancer.

Cancer awareness program: Jointly with Disha and members of Bangladesh Breast Association an evening of awareness was organized with the theme of promoting survivorship campaign in breast cancer.

Department also organized very successfully the live workshop of the 11th. International Congress of Association of Minimal Access Surgeons of India (AMASICON 2016) from 18th. to 20th. November, 2016 again under the able leadership of Prof. M. L. Saha and assisted by other faculty members, where from the very basic to very high-end laparoscopic surgeries were performed by several national faculty including the living legend Prof. C. Palanivelu from Coimbatore.

As a path breaking initiative, the Department organized a competitive programme on poster presentation regarding awareness amongst our womenfolk regarding early detection of breast carcinoma amongst the undergraduates and pupil nurses of the institution on the very auspicious occasion of cancer awareness program which was presided over by the honorable minister-in-charge. Winners and runners up were handsomely awarded.

The department collaborates with the Endocrinology Department to run a ‘Diabetic Foot’ clinic and runs a dedicated Endocrine and Metabolic Clinic (at our OPD on Saturdays) and Breast Clinic (at Shambhunath Pandit Hospital on Saturdays). Department plans to start a dedicated Oncosurgery Unit for the cancer victims very soon.

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.
- Was invited to participate in Thyroid Society of India Annual Conference at Kolkata, 2015 where the lecture on "History of Thyroid Surgery" was delivered and was much acclaimed by the faculties and the postgraduate students alike.
- Attended the SASICON 2016, the annual conference of the West Bengal Chapter of the Association of surgeons of India held at Jalpaiguri in February 2016 and delivered the prestigious Dr. P. C. Sanyal Memorial Oration on "Colorectal anastomotic leaks."
Participated as a Faculty in FIAGES, Kolkata (Fellowship of Indian Association of Gastro Intestinal Endosurgeons) held in June, 2016 at Medical College, Kolkata and participated as a faculty in a panel discussion on " Post Lap Cholecystectomy Bile Duct Injury" along with other national faculties.
- Participated in the 44th. Association of Minimal Access Surgeons of India Skill Course programme held at I.P.G.M.E.&R., Kolkata in August, 2016 along with other faculty members of the Dept. of Surgery and delivered Faculty lecture on "Techniques and complications of access".
- Attended the annual state CME of the Association of Surgeons of India – SASICME, 2016 organized by College of Medicine and Sagar Dutta Hospital in the month of September and participated as a faculty for Undergraduate clinical surgery class with a video presentation of "Examination of a thyroid swelling" and chaired several sessions. Conducted the master class teaching programme for the postgraduates along with other faculty members.
- Was associated with the organization of the Live Workshop held at I.P.G.M.E. &R and S.S.K.M. Hospital from 18.11.2016 to 20.11.2016 on the occasion of the 11th. International Congress of the Association of Minimal Access Surgeons of India (AMASICON2016) as Head of the Department and participated in the conference as a faculty member and acted as a panelist in a special session of "case capsules" along with several other national faculties.
- Guided thesis work for postgraduate students, acted as chairman for the Oral-Practical part of M.S. Examination 2016 at the IPGMER Center, acted as adjudicator for large number of articles for the Indian Journal of Surgery, JIMA and several other journals.

Prof. Makhan Lal Saha

- Elected uncontested as Governing council member of The Association of Surgeons of India for the period from 2016-18.
- Working as principal investigator of multicentre trauma study project TRITCO.
- Attended SCOPE course as a faculty in the month of February 2016 organized by Delhi chapter of ASI.
- Attended annual conference of Association of surgeons of India(WB chapter) held at Jalpaiguri in February 2016. Performed a Pancreatico jejunostomy operation in live operative workshop held during SASICON2016.
- Attended AMASI skill course held at Dhaka as a faculty from 27.3.2016 to 30.3.2016
- Participated at world health day programme organized by Liver foundation on 7th. April 2016 held at CMOH office Berhampur and delivered a lecture on " Primary management of trauma victim".
- Attended as a faculty in 43rd AMASI skill course held at Agra in the month of July.
- Attended as a faculty in SCOPE organized by ASI Delhi chapter in the month of August 2016.
- Organized 44th. AMASI skill course along with other faculty members of Dept. of Surgery I.P.G.M.E.&R., Kolkata. 200 surgeons and gynecologist participated in the skill course and 160 took FMAS examination held at the end of the course.
- Attended SASICME organized by College of Medicine and Sagar Dutta Hospital in the month of September. Participated as a faculty for Undergraduate clinical surgery class. Delivered "Dr.Subodh Chandra Dutta Memorial Oration" on Evolution of thyroid surgery with emphasis on lateral horizontal thyroidectomy.
- Attended Eastern Zonal Critical Care Conference (EZCCCON 2016) held at Siliguri in October 2016 as a faculty and delivered a lecture on " Abdominal compartment syndrome"

- Worked as Chairman of the workshop committee in the annual conference of Association of Minimal Access Surgeons of India (AMASICON2016). The live workshop was held at I.P.G.M.E.&R/S.S.K.M.Hospital from 18.11.2016 to 20.11.2016.
- Attended annual conference of The Association of Surgeons of India (ASICON2016) held at Mysuru from 14th. to 20th. December Participated as a faculty for Postgraduate master class and panelist for Benign surgical jaundice.
- Thesis guide for MS surgery residents.
- Three publications in International Journal

Prof. Probhas Kumar Sarkar

- Appointed and conducted M.S. (General Surgery) Examination, 2016 at I.P.G.M.E.R. Center
- Acted as thesis guide of two M.S. (General Surgery) students for the year 2014-2017
- One paper published in November, 2016 and another selected for publication in October, 2016 both in index journals.

Prof. Prosanta Kumar Bhattacharya

- Faculty in postgraduate modular course, Dec 2015.
- Faculty presentation: "approach to a patient with post lap chole biliary fistula": ASICON December 2015 at Gurgaon.
- Chairperson: Oncosurge 2016: IPGME&R, Kolkata.
- Examiner: modular course for PG students 27th July 2016: "varicose veins".
- Faculty lectures at AMASI skill course for FMAS on "complications of laparoscopic cholecystectomy" at IPGME&R, Kolkata (05-08-2016).
- Faculty for pre-conference (sasime2016) workshop on clinical surgery at CMSDH, Kamarhati (09-09-2016): "anorectal examination".
- Presented a paper on "approach to a patient with carcinoma GB" at SASICME 2016 (10-09-2016).
- Examiner of theory papers MS gen surg exams West Bengal Health University 2015.
- Invited examiner for PG gold medal exam in surgery CMC, Kolkata, 2015.
- Paper setter for MS general surgery examination, 2016 of RML PGIMER, Delhi .
- Examiner MBBS examination february 2016 of JN inst medical college, Wardha (Dutta Mege university), Nagpur (MBBS)
- Examiner MS general surgery examination April 2016 of RML PGIMER, Delhi.
- Examiner MS general surgery examination may 2016 of Silchar medical college.
- Examiner MBBS (supply) examination, may 2016 of Malda medical college.
- Reviewed articles for Indian journal of surgery
- Following review articles are under consideration for publication in indian journal of surgery and asian journal of oncology respectively
- A) approach to a patient with post lap chole biliary fistula
- B) approach to a patient with carcinoma GB.
- Adjudicator, Guide and Co-guide for thesis for WEST BENGAL HEALTH UNIVERSITY.

Prof. Diptendra Kumar Sarkar

Publications:

1. Soumi Saha, Suvro Ganguly, Diptendra Kumar Sarkar, Avijit Hazra (2016). Clinicopathological characteristics of patients of certain molecular subtypes and elevated post-op CA 15.3 levels and its correlation with menopausal status. Indian Journal of Pathology and Microbiology IP: 14.99.42.150, 172-176. DOI: 10.4103/0377-4929.182029.
2. Saha A, Mukhopadhyay M, Das C, Sarkar K, Saha AK, Sarkar DK (2016). FNAC Versus Core Needle Biopsy: A Comparative Study in Evaluation of Palpable Breast Lump. J Clin Diagn Res.; 10(2):EC05-8. doi:10.7860/JCDR/2016/15889.7185.
3. Saha S, Mukherjee S, Khan P, Kajal K, Mazumdar M, Manna A, Mukherjee S, De S, Jana D, Sarkar DK, Das T (2016). Aspirin Suppresses the Acquisition of Chemoresistance in Breast Cancer by Disrupting an NFκB-IL6 Signaling Axis Responsible for the Generation of Cancer Stem Cells. Cancer Res. 1; 76(7):2000-12..

4. Mukherjee S, Manna A, Bhattacharjee P, Mazumdar M, Saha S, Chakraborty S, Guha D, Adhikary A, Jana D, Gorain M, Mukherjee SA, Kundu GC, Sarkar DK, Das T (2016). Non-migratory tumorigenic intrinsic cancer stem cells ensure breast cancer metastasis by generation of CXCR4(+) migrating cancer stem cells. *Oncogene*. 15;35(37):4937-48.
5. S. Saha, P. Mandal, S. Ganguly, D. Jana, A. Ayaz, A. Banerjee, R. Chouhan, D. K. Sarkar (2015). Decreased expression of BRCA2 accelerates sporadic breast cancer progression. *Indian Journal of Surgical Oncology* 10.1007/s13193-015-0449-1. (the first two authors contributed equally)
6. Rahulkumar N. Chavan, Bhargav Chikkala, Cinjini Biswas, Somak Biswas, and Diptendra Kumar Sarkar (2015). Primary Squamous Cell Carcinoma of Thyroid: A Rare Entity Case Reports in Pathology, Article ID 838079, 3 pages
7. Rahulkumar N. Chavan, Bhargav Chikkala, Cinjini Das, Somak Biswas, Diptendra Kumar Sarkar and Sushil Kumar Pandey (2015). Anorectal Malformation: Paediatric Problem Presenting in Adult Case Reports in Surgery, Article ID 625474, 4 pages
8. Saha S, Mukherjee S, Mazumdar M, Manna A, Khan P, Adhikary A, Kajal K, Jana D, Sa G, Mukherjee S, Sarkar DK, Das T (2015). Mithramycin A sensitizes therapy-resistant breast cancer stem cells toward genotoxic drug doxorubicin. *Transl Res.*; 165(5):558-77. doi: 10.1016/j.trsl.2014.10

Invited lectures:

SN	LECTURE TOPIC	TIME	CONFERENCE
1.	D.T.C recent advances	Nov 2015	Tripura State ASI Conference
2.	PG/UG Master class Breast	Nov 2015	Tripura State ASI Conference
3.	Mastectomy steps	Dec 2015	Gurgaon ASICON
4.	Breast Conservation/ SLNB	Dec 2015	Gurgaon ASICON
5.	PG Master class Breast	Dec 2015	Gurgaon ASICON
6.	Recent advances in Breast Cancer	Feb 2016	BSMUU, Dhaka
7.	PG Master class	Feb 2016	BSMUU, Dhaka
8.	Genetics in Breast Cancer	April 2016	AIIMS update
9.	Mastectomy in Metastasis Cancer	May 2016	Calcutta Breast Group
10.	Treatment of Metastasis Breast Cancer	July 2016	ONCOSURGE
11.	Recent advances Genomics Breast Cancer	July 2016	ABSICON, Bangalore
12.	Master class in Breast	July 2016	ABSICON, Bangalore
13.	PG Master class Breast	July 2016	ASI, WB
14.	Recent update Breast Cancer	Aug 2016	AMRICON
15.	PG Master class	Sept 2016	ASI, Jaipur
16.	Recent trends in prognostication Breast	Sept 2016	Bose Institute, Kolkata
17.	SLNB: How I do it	Sept 2016	AIIMS
18.	Genomics in Breast Cancer	Oct 2016	Jaipur Breast Congress
19.	Familial Breast Cancer & rich reducing mastectomy	July 2016	Tata medical Centre
20.	Genomics for Surgeon in Breast Cancer	Sept 2016	SASICON
21.	Recent trends in prognostication in Breast Cancer	Oct 2016	ASOMA, Singapore
22.	RCS course	Nov 2016	Kolkata

Examiner:

1. Royal College of Surgeon, Edinburgh – MRCS Exam
2. Convener examiner IPGME&R
3. External examiner Kishanganj Medical College

Dr. Soumen Das

Publications:

1. Soumen Das, S Sarkar. Thyroid Abscess with Thyro-Cutaneous Fistula following Needle Aspiration: A Rare presentation of Papillary Thyroid Cancer. *Journal of Surgical Arts / CerrahiSanatlarDergisi* . 2015, Vol. 8 Issue 2, p71-72. 2p.
2. Adil, Md T, R Rahman, and Soumen Das. "Patterned Charring along the Contact Points of a Metallic Locket due to Lightning Strike." *Clinical Case Reports* 4.6 (2016): 618–619. PMC. Web. 2 Dec. 2016.

3. S Maji, Soumen Das, P Bhagat, ML Saha. A rare case of strangulated obturator hernia presenting as subacute intestinal obstruction. *Nigerian Journal of Surgical Research* 17(1):January 2016
4. Retina Paul, Soumen Das, P Bhagat, M. L. Saha. Microbiological profile of infection following surgery: a hospital based study. *American Journal of Biological and Pharmaceutical Research*. 2015;2(2):86-88
5. S Saha, V singh, S Ganguly, Soumen Das, S Mondal, D K Sarkar. Serial estimation of CA 15.3 can predict the outcome in patients with breast cancer- a prospective study. *International Journal of Pharma and Bio Sciences*. 2014 Jan; 5(1): (B) 570 – 576
6. Makhn Lal Saha, Soumen Das, Partha Bhar, Suvendu Maji, Kamal Singh Kanwar, Prakash Bhagat . An unusual cause of vomiting: chronic gastric volvulus due to old diaphragmatic defect. *IntSurg J*. 2014; 1(3): 158-160
7. S Maji, M L Saha, K S Kanwar, Soumen Das. Damage control and definitive surgery in a case of fatal blunt trauma abdomen. *Med. Res. Chron.*, 2015, 2 (2), 217-221
8. Soumen Das, S Saha. A randomized control study of effect of octreotide in management of acute pancreatitis with varying severities. *International Journal of Medicine and Health Research*. 2015, 1-5
9. S Maji, M L Saha, K S Kanwar, Soumen Das, P Bhagat, P Bhar. A unique case of pheochromocytoma presenting with hypertensive retinopathy. *Int J Med Res Health Sci*. 2015;4(2): 432-434
10. Soumen Das, S Saha. Comparison of incidence and presentation of biliary stricture after open and laparoscopic cholecystectomy. *American Journal of Biological & Pharmaceutical Research*. 2016;3(2):50-52
11. S Maji, ML Saha, K Kanwar, Soumen Das. An epidemiological study of 50 consecutive cases of gastric cancer from a tertiary care hospital in Westbengal. *International Surgery journal*, May 2015. 247-251

Presentations:

- Invited Faculty to moderate Panel discussion on Multinodular Goitre at Thyroid Society of India Annual Conference at Kolkata 2015.
- Invited Faculty to Deliver lecture on 'Mastering the art of Evidence Based Medicine' at AMASICON 2016.
- Invited Faculty to conduct Skill Development Course on 'How to publish Manuscript?' at AMASICON 2016.
- Invited Faculty to participate at a investigators meet on Role of Bevacizumab in metastatic Colorectal cancer at Hyderabad

ACADEMIC ACTIVITY

MS theses ongoing

- **Durga Prasad Nanda:** Prospective observational study on association of gallstone disease with CA GB
- **Somdev Sil:** Complications of total thyroidectomy with special mention to different approaches.
- **Bhaswati Ray:** A study on acute presentation of abdominal TB.
- **Maheswar Murmu:** Prophylactic therapy of octreotide in pancreatic surgery.
- **Ankit Mishra:** Efficacy of evening primrose oil and danazol in mastalgia a observational study in respect to breast pain chart.
- **Arnab Chakroborty:** Clinicopathological study of parotid tumors and outcome of different types of parotidectomy.
- **Bapan Kumar Pradhan:** Prospective analysis of oncological and aesthetic outcome following oncoplastic breast surgery techniques.
- **Milton Swarnakar:** A comparative study of safety between early (within 24 hrs) versus delayed feeding following enteric anastomosis.
- **Partha Sarathi Mandal:** Study of infectious pathogenesis of gallstones.
- **Sumit Kabra:** Effect of adherence to World Health Organization surgical safety checklist on morbidity and mortality in a defined surgical patient population.
- **Kumar Dheeraj:** Study of pancreatic duct decompression in patients of chronic pancreatitis.

- **Dipankar Saha:** A prospective observational study on abdominosacral method of resection of patient with rectal carcinoma and its efficacy in terms of exposure/operating time/bleeding in Indian patient.
- **Safikul Islam:** A clinicopathological study on enterocutaneous fistula with special reference to need for various types of nutritional support.
- **Chiranjit Mukherjee:** Breast conservation in locally advance breast care.

Research (other than thesis project) ongoing

- Clinicopathological and Mutation analysis of Pancreatic and gall bladder cancer in association with Indian Statistical Institute, Kolkata (Co- investigator: Dr. Nilabjo Shikdar, Asst. Professor, Human Genomics, ISI, Kolkata)
- Role of bevacizumab in metastatic colorectal cancer (sponsor Hetero)
- Pattern of DVT and thromboprophylaxis in patients undergoing surgery for abdominal malignancy in a tertiary care hospital in eastern India.
- Observational study to identify the surgical anatomy of axilla in patients undergoing ALND with oncoplastic surgery for breast cancer .

SN	Title	Sponsor	Funding	Duration	Status
1.	CA 15-3 as a measure of predicting occult tumor burden in patients with breast cancer.	DST, West Bengal	Rupees 27 Lakh 35 thousand and 6 hundred	2013-2016	Completed
2.	Estrogen and progesterone receptor pattern in patients of breast cancer in West Bengal and its implication in treatment.	DST, West Bengal	Rupees Nine lakh fifty thousand four hundred	2011-2013	Completed
3.	Role of COX-2 in metastatic breast cancer.	DST, West Bengal	–	2016 December	Applied

Common departmental activities

- Oncosurge
- Single theme CME: Whipple's operation and pancreatic cancer
- Single theme CME: D2 Gastrectomy operation and Stomach cancer
- ASI monthly clinical meeting
- IPGME&R: Bangladesh Breast Meet
- Modular Course

Department proudly acknowledges the achievement of Dr. Safikul Islam; a 3rd. Year Post Graduate Student who got the second prize in the poster presentation competition amongst the postgraduates from all over India in the Annual National Conference of the Association of Surgeons of India - ASICON 2015 held in December, 2015 at Gurgaon, Haryana.

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 29,361

- New 9,222
- Old 20,139

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 – 2162
- Curzon Ward – 2318
- 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. Asif Ayaz
Tuesday	II	Thursday Saturday	Prof. B. K. Chattopadhyay (Unit-in-charge & HOD), Dr. Susnata De, Dr. Sunanda Dey	Dr. Saibal Chakroborty
Wednesday	III	Monday Wednesday	Prof. Makhan Lal Saha (Unit-in-charge), Dr. Soumen. Das, Dr. Tanveer Adil	Dr. Prakash Bhagat Dr. Koustav Mandal
Thursday	IV	Tuesday Saturday	Prof. Amitabha. Sarkar (Unit-in-charge), Prof. P. K. Bhattacharya, Dr. Amit Kumar Ray	Dr. Somnath Biswas
Friday	V	Monday Wednesday	Prof. Abhimanyu Basu (Unit-in-charge), Dr. Santanu Sinha, Dr. Partha Sarathi Ghosh.	Dr. Mainak Pal
Saturday	VI	Tuesday Thursday	Prof. Prabhas Kumar Sarkar (Unit-in-charge), Dr. Rajat Subhra Morel, Dr. Saurabh.Das	Dr. Bappaditya Sarkar

Procedures/Investigations performed

Major Surgeries(Main OT Complex) performed: **3008 (major) 348 (Minor)**
Emergency surgeries (NER OT) performed Major : **507** Minor : **415**
Day Care procedures performed: **1016**

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 plans to start a dedicated Oncosurgery Unit for cancer patients very soon.

Urology

FACULTY

Dr Dilip Kumar Pal	MCh (Urology)	Professor and Head
Dr. Bastab Ghosh	MCh (Urology)	Assistant Professor
Dr. Sunirmal Choudhary (On detailment)	MCh (Urology)	Assistant Professor
Dr. Sandeep Gupta	MCh (Urology)	Assistant Professor
Dr Soumya Mondal (On detailment)	MCh (Urology)	Assistant Professor
Dr. Kumar Rajeev Ranjan	MS (General Surgery)	RMO cum Clinical Tutor

Postdoctoral (MCh) trainees

2014-2017	2015-2018	2016-2019
Dr. Sayak Roy	Dr. Sajad Ahmed Para	Dr. Naveen Kumar Gupta
Dr. Vipin Chandra	Dr. Pritesh Jain	Dr. Kunal Kpoor
Dr. Kartik Sridhar	Dr. Arun Kumar Maurya	Dr. Sandip Pramanik
Dr. Dipak Bera	Dr. Susanta Kumar Das	Dr. Debasis Samaddar
Dr. Surajit Sasmal		

Workshops conducted by the department

- RIRS Workshop organized on dated 05/05/16 (Invited faculty- Dr. Harbans Singh, New Delhi.).

Departmental achievements, workshops and conferences attended

- Prof. Dilip Kumar Pal selected for Urology Trust of Odisha Oration.
- Dr Bastab Ghosh selected for Siliguri Travel Fellowship.
- Dr Sandeep Gupta conducted Uro- Quiz as quiz master in East zone USICON 2016 in Imphal.
- Dr Sandeep Gupta selected as scholar in the Robotic Surgeon Council Program conducted by 'Vatikutti foundation' in Kokila Ben Hospital, Mumbai.
- Dr Deepak Bera received best Podium award in East zone USICON 2015 in Boudh Gaya.
- Dr Sayak Roy got 1st prize in Uro- quiz in "Master Class in PCNL" conducted by BUS.
- Dr Sayak Roy got 1st prize in paper presentation (competitive session) IPGMER, Annual Day function 2016.
- Dr Vipin Chandra got 1st prize in paper presentation (competitive session) IPGMER, Annual Day function 2016.
- Dr Pritesh Jain was awarded the Best essay prize in East zone USICON 2016 in Imphal.
- Dr Arun Kr Maurya selected for first prize in Uro Quiz, East zone USICON 2016 in Imphal.
- Dr Deepak Bera attended 3rd Golden Bridge International Urology Conference, Kunming, China.
- Dr. Deepak Bera & Dr. Vipin Chandra attended Uromet Program at Gurgaon.
- Dr Sayak Roy & Dr Surojit Sasmal attended workshop in Laparoscopic Urologic procedure (Johnsons & Johnsons) at MPUH, Nadia.
- USICON 2016 (Hyderabad) - Attended by all faculty members & all 3rd Yr PDTs. Prof. Dilip Kumar Pal was the chairperson for the podium presentation.
- East zone USICON (Imphal)-Attended by Prof. Dilip Kumar Pal, Dr Sandeep Gupta & all 2nd Yr PDTs. Prof. Dilip Kumar pal was the chairperson for guest lecture

PROJECTS AND RESEARCH ACTIVITIES

Major research projects being conducted under the supervision of Prof. D. K. Pal

Title of Project	Funding Agency	Duration From To	Status Ongoing/Completed
Functional interplay of different mutations/polymorphs of CLDN 14, MGP and SPP1 in the development of kidney stone disease.	Applied for fund to ICMR	Mar 13-Jul 16	Ongoing
Identification of susceptible genes in arsenic induced bladder cancer in West Bengal, India	Dept. of Biotechnology, Govt. of West Bengal	May 13-Oct16	Project No- BT(Estt)RD-13/2013
Identification of candidate gene associated with	Dept. of Health		Submission ID-2016-

high risk HPV infected prostate cancer of Indian patients	Research, Govt. of India		0734 Accepted via mail dated 23.08.16
Altered Genetic Spectrum and Functionality of Calcium Homostasis and Calcification Regulating Genes Mediated Kidney stone Formation	Dept of Biotechnology, Govt. of India		Applied for approval

Clinical trials

- Title : A phase III, randomized 3 – arm parallel group, double blind, non-inferiority, Active controlled Multicenter study to evaluate and compare the efficacy and safety of Mirabegron 25 mg ER tablet and 50 mg ER tablet in patients with overactive bladder.(CTRI No: CTRI/2016/04/006790) (Completed)
- Title: Evaluation of BIP Foley catheter in the prevention of catheter – associated urinary tract infection in Indian population. (CTRI No: CTRI/2015/09/006220) (ongoing)

Thesis Topics

2014-2017	2015-2018	2016-2019
Dr. Sayak Roy: Effect of donor age on renal graft function after renal transplantation	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. Vipin Chandra: An attempt to evaluate role of human papilloma virus infection in the development of prostate cancer in eastern Indian population: A prospective study	Dr. Pritesh Jain- To determine the relationship between HPV and chronic prostatitis- A prospective study	Bebasis 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. Kartik Sridhar: Urolithiasis related renal failure :Outcome following surgery and factors affecting the outcome	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. Dipak Bera : Role of arsenic in the development of urinary bladder carcinoma in eastern Indian population: A prospective study	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 (LAMM) in Non-Muscle invasive Bladder Carcinoma (NMIBC)
Dr. Surajit Sasmal: Clinical profile and outcome of patients presenting with obstructive uropathy in a tertiary care centre		

Publications (From Nov 2015 to Nov 2016)

- Dipak Kumar Bera, Dilip Kumar Pal, Manju Banerjee. Unusual foreign body in urinary bladder: Report of a case with review of literature. Scholars journal of Medical Case Reports 2015; 3(12): 1165-1166.
- Surajit sasmal, Dilip Kumar Pal, Manju Banerjee. Paddy Grain in Urinary Bladder- a rare Entity. Scholars Journal of Medical case Reports 2016: 4(1):1-3
- Rajendra Prasad Ray, Anup Kumar Kundu, Dilip Kumar Pal. A prospective analytical study of pain control during transrectal ultrasound guided prostate biopsy combined periprostatic nerve block with intrarectal nerve with intrarectal lignocaine gel vs. intrarectal lignocaine gel. Scholars Journal of Applied Medical Sciences 2016: 4 (2A): 295-298.
- Gargi Mukharjee, Suchandra Roy, Dilip Kumar Pal, Sumit Mitra, Manoj Kumar Chowdhury, Moumita Sengupta. Incidence of renal cell carcinoma among patients with kidney tumours with reference to expression of CK7 and Vimentin. Scholars Journal of Applied Medical sciences 2016: 4(3A); 669-673.

5. Dipak Gupta, Bastab Ghosh, Malay Kumar Bera, Dilip Kumar Pal. A comparative study of lingual mucosal graft urethroplasty with buccal mucosal graft urethroplasty in urethral stricture disease. *Urology Annals* 2016; 8; 157-62.
6. Debiprasad Das, Dilip Kumar Pal. Co-existing melakoplakia and xanthogranulomatous pyelonephritis of kidney: two different spectrum of the same disease process. *Urology Annals* 2016; 8 ;252-4.
7. Sandeep Gupta, Dipak Kumar Bera, Varun Wats, Dilip Kumar Pal. Acquired giant urethral diverticulum following hypospadias repair: a case report. *Scholars Journal of Case Reports* 2016: 4(3); 141-143.
8. Dilip Kumar Pal, Vipin Chandra, Manju Banerjee. Renal Agenesis with Full length luxing ipsilateral Refluxing Ureter. *APSP Journal of Case reports* 2016: 7(2):11-12.
9. Rajendra Prasad Ray, Rajkumar Singha Mahapatra, Sidharth Khullar, Dilip Kumar Pal, Aup Kumar Kundu . Clinical characteristics of renal cell carcinoma: Five years review from a tertiary hospital in Eastern India. *Indian J cancer* 2016; 53: 114-17.
10. Dilip Kumar Pal, Vipin Chandra. Electric wire in urinary bladder in an adolescent boy. *International Journal of Adolescent Medicine and Health* 2016 DOI 10.1515/ijams-2016-0013.
11. Dilip Kumar pal, sanjay kumar, Krishnendu Maity, Debasis Chakraborty, Manju banerjee. Mature teratoma of the adrenal gland. *Scholars Journal of Medical case reports* 2016: 4(4); 231-234.
12. Devi Prasad Das, Dilip kumar Pal , Double J Stent: A rewarding option in the management of emphysematous pyelonephritis. *Urol Ann* 2016; 8 :261-64. DOI: 10.4103/0974-7796.184881
13. Vijay Kumar Madduri, Malay Kumar Bera, Dilip Kumar Pal. Monopolar versus bipolar transurethral resection of prostate for benign prostatic hyperplasia: Operative outcomes and surgeon preferences, a real-world scenario. *Urol Ann* 2016; 8 : 291-96. DOI: 10.4103/0974-7796.184900
14. Dipak Kumar Biswal, Bastab Ghosh, Malay Kumar Bera, Dilip Kumar Pal. A randomized clinical trial comparing intracorporeal spongiosum block versus intraurethral lignocaine in visual internal urethrotomy for short segment anterior urethral strictures. *Urol Ann* 2016; 8 : 317-24. DOI: 10.4103/0974-7796.184901
15. Bastab Ghosh, Deepak k Biswal, Malay K Bera, Dilip K Pal. Laparoscopic Vesicovaginal fistula repair with limited cystostomy: A rewarding treatment option. *The Journal of Obstetrics and Gynecology of India*. Published online on 8th August, 2015. DOI 10.1007/s13224-015-0741-6, (September-October 2016) 66(S1):S370-S376
16. Sajad Ahmed Para, Dilip Kumar Pal. Spontaneous Massive Hemoperitonium secondary to bleeding of a Hepatic Metastasis from a Testicular Germ Cell Tumour- An Unusual Presentation. *Scholars Journal of Medical Case reports* 2016; 4(6): 401-403. DOI: 10.21276/sjmc.2016.4.6.12
17. Pritesh Jain, Dipak Kumar Bera, Dilip Kumar Pal. Giant Fossa Navicularis Calculus with Urethro-Cutaneous Fistula and Renal Failure. *Scholars Journal of Medical Case Reports* 2016; 4(6): 462-463. DOI: 10.21276/sjmc.2016.4.6.31
18. Varun Wats, Malay Kumar Bera, Dilip Kumar Pal. Role of Selective Double-J Stenting in Renal Transplantation. *Scholars Journal of Applied Medical Sciences* 2016; 4(6E): 2187-2191. DOI: 10.21276/sjams.2016.4.6.65
19. Jitendra Pratap Singh, Vinod Priyadarshi, Dilip Kumar pal. A clinic-epidemiological study of young age bladder tumours: an Eastern Indian study. *J Can Res Ther* 2016; 12(9): 751-754. DOI: 10.4103/0973-1482.154028
20. Dilip Kumar Pal, Parto Mondal, Anup Kumar Kundu. Cutaneous metastasis of renal cell carcinoma after a decade of radical nephrectomy. *Scholars Journal of Medical Case Reports* 2016: 4(7): 545-547. DOI: 10.21276/sjmc.2016.4.7.26
21. Sanjay Kumar, Sohinee Barman, Amlan Ghosh, Chinmoy Panda, Dilip Kumar Pal. Bladder Carcinoma in arsenic affected districts of West Bengal. *ARC Journal of urology* 2016; 1(3): 18-21. DOI: <http://dx.doi.org/10.20431/2456-060X.0103003>
22. Dilip Kumar Pal, Pritesh Jain, Manju Banerjee. Bilateral Pelvic kidneys: A rare anomaly. *Journal of Case Reports* 2016: 6(3): 411-414.
23. Sandeep Gupta, Arun Kumar Maurya, Kumar Rajiv Ranjan, Dilip Kumar Pal. Denys Drash Syndrome- A rare Presentation. *Journal of Medical case Reports* 2016; 6 ;432-434. DOI: <http://dx.doi.org/10.17659/01.2016.0105>
24. Debojit Gogoi, Dilip Kumar Pal, Malay Kumar Bera. Systemic Immunologic and Inflammatory response after Transperitoneal versus Retroperitoneal Laparoscopic Donor Nephrectomy: A Prospective Observational Study. *Saudi J Kidney Dis Transpl* 2016; 27(5): 985-991.
25. Vipin Chandra. Dilip Kumar Pal. Electric wire in urinary bladder. *International Journal of Adolescent Medicine and Health*. DOI: 10.1515/ijamh-2016-0013.
26. Sandeep Gupta, Pritesh Jain, Dilip Kumar Pal, Manju Banerjee. An unusually long electric wire in a urethra and bladder. *International Journal of Adolescent Medicine and health*. DOI: 10.1515/ijamh-2016-0071.

- 27.. sandeep Gupta, Pritesh Jain, Vipin Chandra, Dilip Kumar Pal. Medullary sponge kidney with incomplete renal tubular acidosis: A poorly understood disease. Journal of Case reports 2016;6 (3):459462 DOI: <http://dx.doi.org/10.17659/10.2016.0111>
28. Sunirmal Chowdhury, Dilip Kumar pal. Listening to music from the urinary bladder! Case report of a headset in a urinary bladder. Int J Adolesc Med Health 2016;app DOI: 10.1515/ijanh-2016-0058
29. Dilip Kumar Pal, Vipin Chandra, Kumar Rajiv Ranjan, Debasis Chakraborty, Manju Banerjee. Ewing's Sarcoma of the Adrenal Gland. APSP J J Case Rep 2016;7(3) :20-21. DOI: <http://dx.doi.org/10.21699/ajcr.v7i3.406>
30. Soumya Mondal, Anindya Bandyopadhyay, Murari Mohan Mondal, Dilip Kumar Pal; Erectile dysfunction in anterior urethral stricture after urethriplasty with reference to vascular parameters, Medical Journal of Armed Force India 2016;72 344 – 349
31. Dilip Kumar Pal, Vipin Chandra. Adrenal tumor: Five years audit in a tertiary care hospital. Scholars Journal of applied Medical sciences 20`6; 4(10C): 3782-3786
32. Bastab Ghosh, Surajit Sasmol, Manju Banerjee, Dilip Kumar Pal. Factors affecting renal recoverability after percutaneous nephrostomy in obstructive uropathy. Scholars Journal of Applied Medical Sciences 2016;4(9E0):3497-3502.

Papers accepted

33. Pal DK, Ghosh B, Sarkhel S. Vesico-acetabular-Cutaneous Fistula. El Medfinco medical journal, (Ref No- MS-294) Accepted 28.04.2015. Reminder sent on 19.07.16
34. Dilip Kumar Pal, Sajad Ahmed Para. Candle Stick in Urinary Bladder-A rare entity. Clinical Urology(Remedy open Access)send on 31.05.16. Accepted on 27th June 2016
35. Debasmita, Dilip Kumar Pal. Urological disorders in pregnancy: an overall experiences. Urology annals, (Ref N0-UA_54_16 Accepted on 19.07.16.
36. Bastab Ghosh, Varun Wats, Dilip Kumar Pal. Comperative analysis of outcome between laparoscopic verses open surgical repair for vesico vaginal fistula. Obstetrics and Gynecology sciences (Manuscript ID –OGS-16-051) Accepted on 26.07.2016
37. Vinod Priyadarshi, Jitendra Pratap Singh, Dilip Kumar Pal, Malay Kumar Bera, Anurag Puri. Migrated intravesical foreign bodies: a five year review. Medical & Surgical Urology MS No. Medical Journals-16-730R1. Accepted on 3 August 2016.
- 38.. Sunirmal Chowdhury, Susanta Kumar Das, Dilip Kumar Pal. Acute leukemia masquerading as xanthogranulomatous pyelonephritis. Urology Annals(Manuscript No- UA_132_16)
39. Kunal Kapoor, Munmun Das(Sarkar), Dilip Kumar Pal. Partial androgen insensitivity syndrome-A rare disease. Scholars Journal of Medical Case Reports. SJMCR-316-2016. Accepted on 01.11.16
40. Sandeep Gupta, Vipin Chandra, Dilip Kumar Pal. Functional and clinical outcome of pyeloplasty in uretero-pelvic junction obstruction. International Journal of Medical and Applied Research. Accepted on 22.11.16.

PAPERS PRESENTED IN CONFERENCES - 2016

1. Study of arsenic associated bladder Cancer in West Bengal. Kumar Sanjay, Ghosh Amlan, Panda Chinmay Kumar, Pal Dilip Kumar. 49th Annual Conference of USI, January 7-10, Hyderabad.
2. A comparative study of monopolar and bipolar transurethral resection of Prostate for benign prostatic hyperplasia. Madduri V K S, Sandeep G, Bera M K, Pal D K. 49th Annual Conference of USI, January 7-10, Hyderabad.
3. A prospective observational study - assessment and categorization of Urological operative complication as per clavien-dindo classification in our institute. Das Debiprasad, Ghosh Bastab, Chowdhury Sunirmal, Pal Dilip Kumar. 49th Annual Conference of USI, January 7-10, Hyderabad.
4. comparative study between intracorpous spongiosum block versus Intraurethral lignocaine in optical internal urethrotomy for short segment anterior urethral strictures. Biswal Deepak Kumar, Ghosh Bastab, Choudhury Sunirmal, Bera Malay Kumar. 49th Annual Conference of USI, January 7-10, Hyderabad.
5. Stented versus nonstented extravesical ureteroneocystostomy in renal Transplantation. Wats V, Ghosh B, Bera MK, Pal DK , 49th Annual Conference of USI, January 7-10, Hyderabad
6. Erectile Dysfunction in patients undergoing urethroplasty: A pre and post- operative assessment. Mondal Soumya, Bandyapadhyay Anindya, Pal Dililp Kumar. 49th Annual Conference of USI, January 7-10, Hyderabad.
7. Feasibility of laparoscopic partial nephrectomy without intraoperative Ultrasound guidance. Ghosh B, Madduri V K S, Pal DK. 49th Annual Conference of USI, January 7-10, Hyderabad.

8. Renal cell carcinoma: is it so uncommon in younger age. Arun Kumar Mourya, Dilip Kumar pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
9. A study of lower urinary tract symptoms in post menopausal female patients with special emphasis of urodynamic study. Susanta Kumar das, Sunirmal Choudhury, dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
10. laparoscopic management of mid and lower ureteric strictures-experience at our centre. Pritesh Jain, Bastab Ghosh, Dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
11. Urological complications associated with obstetrics and gynecological surgeries. Pritesh Jain, sandeep Gupta, dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
12. Management of retrocaval ureter by laparoscopic and open surgical techniques. Sajad ahmed Para, Bastab Ghosh, Dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
13. Long term indwelling DJ stent and their management- our experience. Arun Kumar Mourya, Sandeep Gupta, dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
14. Vesico Acetabular Cutaneous fistula. Susanta Kumar Das, Dilip Kumar Pal, Bastab Ghosh, S Sarkhel. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
15. Laparoscopic uterus preserving repair for vesicouterine fistula. Sajad ahmed Para, Bastab Ghosh, dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.

REGULAR ACADEMIC ACTIVITIES –Morning (9 am to 10 am)

- Tuesday – Journal club
- Thursday – Case presentation
- Saturday – Seminar

SERVICE INFORMATION

OPD ATTENDANCE (01/12/15-30/11/2016)

Total	New	Old
40,123	17,610	22,510

Bed Distribution

Male	Female	Child	Woodburn Block	Recovery room for renal transplant patients
24	12	4	20	2

Admissions in urology ward

	Male	Female	Woodburn Block
	806	441	9

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 (1/12/15-30/11/2016) 33

USG guided procedures

- TRUS guided prostate biopsy: 151
- USG guided PCN: 89

ESWL 658

Uroflowmetry 2999

Urodynamic studies 249

Major operations 1221

Minor operations 2252

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 • Teachers Reading Room • Librarian Room | <ul style="list-style-type: none"> • Staff Room • Computer Room • E-Library • Photocopy Room |
|---|--|

Working hours 8:00 AM to 9:00 PM in 2 shifts

No. of Books		21,263
(i) Text		15,850
(ii) Reference		5,413

No. of books purchased during the last 3 years	2015-16	366	
	2014-15	151	
	2013-14	289	

No. of Journals subscribed annually

(i)	Indian	79	(ii)	Foreign	38
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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

Librarian	Mr. Partha Roy Chowdhury (Library In-charge) B.Sc. (Hons), B.Lib. (Sc.) Mr. Dhanapati Mondal M.A., B.L.I.S. Mr. Nirmal Saha B.Sc., B.Lib. (Sc.)
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Library Assistants	Mrs. Ranu Valmiki Mr. Santanu Das
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Peons	Mrs. Rupashree Mukherjee
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Sweeper	Mr. Liaquat Ali (Sweeper)
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System of Cataloging Unit form of cataloging [AACR]

The Library caters to the needs of Faculty, Students and Research Scholars of this Institute and also to scholars of other Institutions. Internet facility 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 has caused damage to old periodicals. The damaged section is being renovated.

Blood Bank

One of the vital departments of any hospital cum medical college, SSKM Hospital Blood Bank started functioning in a 24 hour basis from 1996. Previously it remained open for eight hours from 10 AM to 6 PM. From then onwards it is contributing and catering to the patient load of SSKM Hospital as well as sometimes to outside hospitals. Component separation license was granted in the year 2010 and from then onwards four components are being supplied to patients. There has been an increase in the number of blood donation camps over the past few years and now people are coming forward to voluntarily donate blood. The Donor Section has been revamped and presently there are four donor couches along with bio-mixer for smooth in-house donation.

Achievements over the last 11 months (Jan-Nov, 2016) are as follows:

Voluntary blood donation

1) We have organized number of voluntary blood donation camps during the period
Total collection: 19838 (85% donors male)

2) We also did in-house collection which usually is called replacement donation.
Total collection: 4933 (95% donors male)

So total collection is **24771** units

Testing for TTIs

Each and every blood unit is tested mandatorily for five TTIs (Transfusion Transmitted Infection)

Summary Report on TTI reactivity based on confirmation date

• HIV	22
• HBsAg	240
• HCV	175
• Syphilis	10
• Malaria	Nil

All the reactive cases are communicated and counseled to attend further for confirmation. Unfortunately very few are interested to come for further screening. For HIV reactive cases who do not turn up, a tracking list is prepared for grass route level tracking and management.

All the TTI non-reactive blood units are grouped and kept ready for allotment to patients. TTI reactive blood units are grouped and discarded.

In the said period we have handled and allotted blood against 28318 requisitions among which **22467** requisitions were supplied with blood or components.

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.

In the period we collected/prepared:

- PRBC - 8107 units, FFP - 8107 units and RDP - 6249 units

We have supplied:

- Whole Blood - 15491 units, PRBC - 7914 units, FFP - 5519 units and RDP - 4514 units

We procured four Donor couches and four Bio-mixers through IPGME&R store for our Donor Section in 2014. This year we also have got two portable tube sealer and one ELISA Reader and Washer along with Computer and Printer from NACO.

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.

Other activities

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.

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(Nursing) (Medical—surgical nursing)	Administration. Hospital & Teaching
2.	Smt. Jaya Mandal	Deputy Nursing Superintendent (DNS)	B.Sc.(Hons) Nursing. M.Sc. (Nsg) – Community Health Nursing.	Nsg. Administration. & supervision of ER.EOW.NCB.PMR.
3.	Smt. Parul Nandi	DNS	Post Basic B.Sc. Nursing	Nsg. Administration.
4.	Smt. Chinu Roy Chowdhury	DNS	Post Basic B.Sc. Nursing M.Sc. Nursing in Obstetrics	Detailed to Baghajotin NTS.
5.	Smt. Kajal Samanta	DNS	Post Basic B.Sc. Nursing	Helping in administration Heart Unit Block Charge and prepare the Make Up night duty Roster
6.	Smt. Madhuri Nanda	Acting DNS	Post Basic B.Sc. Nursing	Helping in administration & , CTVS&SDLD (Block Charge) Medical Team
7.	Smt. Sima Nag Maity	DNS	Post Basic B.Sc. Nursing	Helping in administration .
8.	Smt. Rina Chakraborty	DNS	Post Basic B.Sc. Nursing	Helping in administration&NER Ward in addition ALEX Ward Block in charge, OPD+OT Night Roster
9.	Smt. Sandhy Bardhan	DNS	G.N.M.	Helping in administration
10.	Smt. Anima Panda	DNS	Post Basic B.Sc. Nursing M.Sc. Nursing in (psychiatry)	Detailed to Bhaghajotin NTS.
11.	Smt. Mausumi Roy	DNS	Post Basic B.Sc. Nursing M.Sc. Nursing	Helping administration & supervision of Maternity Dept.
12.	Smt. Samapti Chakraborty	DNS	Post Basic B.Sc. Nursing M.Sc. Nursing in (psychiatry)	Detailed to IOP
13.	Smt. Namita Gupta	Acting DNS	Post Basic B.Sc. Nursing	Helping in Nsg.Administration at NPS Building& in addition Ronald Ross Building Burns, Ligation Ward & OT
14 .	Smt. Rina Bhattacharjee	Acting DNS	G.N.M.	Helping in nursing administration.
15.	Smt. Kalyani Giri Detailed MCH, Kolkata	DNS	Post Basic B.Sc. Nursing	Detailed to MCH
16.	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
1.	Smt. Kajal Das, Alex Ward, Smt. Nilima Maji, Smt Rina Chakroborty	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B. Sc Nursing	Ward administration
2.	Smt. Anu Biswas Smt. Sulekha Sarkar Victoria ward	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
3.	Smt. Subhra Mitra, N.E.R. Male Ward, Bed No.89	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
4.	Smt. Krishna Roy Smt. Madhurima Majumder Curzon. Ward, Bed -104	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed Post Basic B.Sc.(Hons) Nursing	Do
5.	Smt Putul Jana Smt. Niva Das Mack. Ward, Bed No.79	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed Post Basic B.Sc.(Hons) Nursing	Ward administration
6.	Smt. Chandra Chakroborty Wood Burn Ward, Bed-39	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Do
7.	Smt. Kalpana Seth, NPS Ward	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM B.Sc(Hons) Nursing	Do
8.	Smt. Santana Ghosh Smt. Shrabani Kar NCB Ward, Bed no.45	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM B.Sc. (Hons) Nursing	Do
9.	Smt. Ratna Das, ITU, Bed no. 32	Sister-in –Charge [Gr.I(ii) of WBNS]	Cond. B.Sc. (Hons) Nursing	Do
10.	Smt. Asoka Mandal, Haemo Dialysis, Bed No. 14 In 3 shift	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Do
11.	Smt. Mausumi Adhikary MRU Ward, Bed no. 46	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Do
12.	Smt. Ratna Nandy , Urology Ward, Bed no.52	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
13.	Smt. Sikha Acharjee, Chest Ward, Bed No. 50	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
14.	Smt. Rina Chakroborty , ENT Ward, Bed no. 60	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
15.	Smt. Rita Biswas RTU, Bed no. 60	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
16.	Smt. Supriya Dutta, Smt. Juin Das CCU-, Bed -. 30	Sister-in –Charge [Gr.I(ii) of WBNS]	Post basic- B.Sc. Nursing M.Sc. Nursing	Do
17.	Smt. Ila Basu Dhar, Burns Ward, Bed no. 30	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
18.	Smt Sabita Maitra Smt Bhaswasi Bhatt Heart Unit, Bed no. 187	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Ward administration
19.	Smt. Nilima Mondal, ICCU Ward, Bed no. 30	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Do
20.	Smt. Anupama Saha Gaynae Ward, Bed no. 40	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Do
21.	Smt. Chhanda Nandy, Maternity Ward, Bed-81	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do

22.	Smt. Mitali Das Maternity septic Ward (Mat GF) No of Bed26	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
23.	Smt. Rita Sarkar Labour Room. No of table 03&no of Bed10	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
24.	Smt Gayatri Mukherjee Sulata Mandal NICU.NO OF Bed 25	Sister-in –Charge [Gr.I(ii) of WBNS]	B. Sc. (Hons) M.Sc. Nursing	Do
25.	Jaba Chakroborty S.N.C.U. No of Bed-25	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
26.	Smt. Suvra Pandit &Smt. Minati Das C.T.V.S.Ward No of Bed 76.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed Post Basic B.Sc Nursing	Do
27.	Smt Santi Raha Eye Ward .No of bed -22	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
28.	Smt. Nibedita Deb adhikary & Smt. Sankari Majumder Cable Ward. No of bed-75	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed B. Sc.(Hons) Nursing.	Do
29.	Smt. Bani Mitra Ligation Ward. No of bed-10.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
30.	Smt. Chaitali Sahoo CTVS OT	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Do
31.	Smt. Anita Manna Smt. Sathi Bhattacharjee SDLD Ward, no. of Bed-39	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Ward administration
32.	Smt. Jayanti Gongopadhyay	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM	Nursing office administration
33.	Smt. Srobona Roy EOW Ward, Bed no.40	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Do
34.	Smt. Swapna Giri, RH. Ward, Bed no.	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Do
35.	Smt. Sabita Mukherjee, PMR Ward, Bed no.24	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
36.	Smt. Pratima Bhattacharjee OT Complex, No. of table-12	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
37.	Smt Usha Sarkar WOT, Table no.3	Sister-in –Charge [Gr.I(ii) of WBNS]	Post Basic B.Sc Nursing	Do
38.	Smt. Sanjukta Dutta Smt. Rimpi Bala, EOT OT, table no.2	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM B.Sc (H)Nursing	Do
39.	Smt. Chaitali Sahoo CTVS OT, table no-4.	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc.(Hons) Nursing	Do
40.	Smt. Sima Chowdhury, Smt. Alpana Gharai, URO OT, Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed B.Sc (Hons) Nursing Cond.	Do
41.	Smt. Namita Rana (Das), NPS OT, Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed B. Sc.(Hons) Nursing Cond.	Do
42.	Smt. Bani Sarkar, Smt. Mina Bondhypadhyay G.OT., Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
43.	Smt. Ratna Das (II), CCR OT, Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed B. Sc.(Hons) Nursing Cond.	Do

44.	Smt. Jharna Chatterjee	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Helping in nursing administration
45.	Smt. Sanjukta Dutta EOT	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM	Management
46.	Smt. Bharati Ghoshal General ER, Patients' Exam.Table-6 & Disaster Enclave-10	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM	ER Management
47.	Smt. Anita Dey Roy Ligation OT, table -3	Staff Nurse,Gr.II	GNM	Do
48.	Smt. Putul Chakroborty Nurses' Hostel Boarder -350	1.Sister-in –Charge [Gr.I(ii) of WBNS] 2.Staff Nurse,Gr.II	GNM	Home & Mess Management
49.	Smt. Radha rani Jana Smt. Bhaswati Mukherjee PP Unit,	P.H.N. Senior staff	GNM	PPU. Management
50.	Smt. Mitali Roy Mat GF	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM	Do
51.	Smt Swapna Dey	Acting DNS	GNM	N/S office administration.

CANDIDATES QUALIFYING FROM COLLEGE OF NURSING

POST BASIC TRAINEE: 2015 – 2017 :

1. Arpita Mishra .2. Baisakhi Das .3. Kakoli Pradhan 4. Tanuja Manna 5. Sangita Chanda 6. Purbita Biswas 7. Payel Sana 8. Ramaswari Biswas 9. Sampa Haldar 10. Soma Das 11.-Subhra Maity 12. Swasti Maity 13. Sumita Dutta 14. Kuheli Bag 15. Chumkita Dey. 16. Deepti Das Barman 17. Bratati Shit 18. Jharna Ghatak 19. Devi Pal 20. Haimanti Mondal 21. Santana Bera ..22. Karabi Jana 23. Debasree Kundu 24. Nandita Das 25. Mousumi Tarafder 26. Manika Maity 27. Mamoni Das 28. Priyanka Maity 29. Sefali Maji 30.; Santana Mandal 31. Fulan Das 32. Krishna Senapati 33.; Mala Goswami 34. Rinku Das (Pal) 35. Mita Dey 36. Milu Rani Mitra 37.Mithu Das 38. Ilina Pradhan 39. Arpita Sen 40. Bhabani Pradhan 41. Susmita Dey 42. Hira Jana 43. Pousali Dutta 44. Sanjukta Singh. 45. Soma Boral 46. Sampa Majumder 47. Barnali Das 48. Jayasree Bhuniya 49. Antara Ganguly. 50. Paramita Ghosh 51. Rakhi Chakroborty 52. Sarmita Sarkar 53. Bansari Das 54. Bannya Sarkar.

M.Ss. NURSING :2016-18:

1. Smt. Sudipta Mandal 2. Smt. Nibedita Sahoo 3. Smt. Susmita Halder 4.Smt. Aditi Sahu

COND. B.Sc. (HONS.) NURSING: 2016-2018 - 26 GRADE II NURSING STAFF:

Smt. Ruma Das, Chandana Das (1), 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

EXPERIENCE PROGRAMME

Experience Programme: Students come from different institutions like B. M. Birla Heart Research Centre, R. N. Tagore, K.P.C., Wood Lands, RAK Mission, MA Sarada C.O.N., Rubi General Hospital, West Bank etc.

FACULTY PERFORMANCE

Above 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 attend various in-service education 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 2016

SN	Name	Designation	Status	Date
1	Smt. Rita Chakroborty	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.01.2016
2	Smt. Puspa Saha	Staff nurse	Superannuation from S.S.K.M.	31.01.2016
3	Smt. Sani Bala Ghosh	Staff nurse	Superannuation from S.S.K.M.	29.02.2016
4.	Smt. Lakhmi Mitra	Staff Nurse	Superannuation from S.S.K.M.	30.09.2016
5	Smt. Krishna Banerjee	Staff nurse	Superannuation from S.S.K.M.	31.03.2016
6	Smt. Anjali Banerjee	Staff nurse	Superannuation from S.S.K.M.	31.01.2016
7	Smt. Lakshmi Roy	Sister Gr i(ii)	Superannuation from S.S.K.M.	30.10.2016
8	Smt. Sikha Saha	Staff Nurse	Superannuation from S.S.K.M.	30.06.2016
9	Smt. Krishna Maity	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.10.2016
10	Smt. Gouri Bhowmik	Staff Nurse	Superannuation from S.S.K.M.	30.09.2016
11	Smt. Rita Purkait	Staff nurse	Superannuation from S.S.K.M.	29.02.2016
12	Smt. Gita Malakar	Sister	Superannuation from S.S.K.M.	30.09.2016
13	Smt. Mamata Bhattacharjee	Sister Gr 1(ii)	Superannuation from S.S.K.M.	30.04.2016
14	Smt. Sumitra Ghosh	Sister Gr 1(ii)	Superannuation from S.S.K.M.	30.04.2016
15	Smt. Lakshmi Bhattacharjee	Sister Gr-i(ii)	Superannuation from S.S.K.M.	30.04.2016
16	Smt.Khukumani Ganguly	Sister	Superannuation from S.S.K.M.	31.05.2016

SANCTIONED STRENGTH OF BEDS AND NURSING PERSONNEL AND CURRENT VACANCY

General Bed + Special Bed

1600

ICCU+ITU+CCU+RCU	150
Total Bed	1750
Total OT 46, Cold OT 16, LR-2, Labour Table-06,	EOT-14, Minor OT & OPD OT-26 OPD-21

Sanction strength of Nursing personnel in Hospital Nursing Administration and education -1108

Total Sanction strength of Nurses – 1076

Posts filled-up – 868

TOTAL VACANT POST- 208

NS-01, PNO-01, DNS-14 out of 50 for three shifts, Senior Sister tutor -04 for two shifts, Sister In-charge -90 out of 109 for three shifts, Staff Nurses -868 out of 1076, Vacancy-208 for three shifts.

SCHOOL OF NURSING

The School of Nursing of SSKM Hospital, Kolkata came into being in 1956 and over time the school has been stepping forward and achieving excellence in producing skilled nursing students to the State.

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.

Current student strength of GNM 183 with 50 yearly Intake,
Academic Session: September to August each year for the present
Duration of the GNM Course – 3½ years

No. of Students undergoing training year wise:-

- 1st Year - 50
- 2nd Year - 46+5 (Extra batches)
- 3rd Year - 41
- Internee - 40

Teaching Faculty – 22

Interior organizational set up with activity

Session of the GNM Course commences from September to August has been decided by the West Bengal Nursing Council. The courses are being conducted as per the guidelines provided by both Indian Nursing Council and West Bengal Nursing Council. Sincere efforts are taken to ensure healthy training atmosphere to the students.

Annual results of the students

- 40 3rd year students have completed successfully their 3rd GNM council examination and with 100% result, and started GNM Internship from September 2016 to February 2017.
- 46 2nd year GNM students are completed their 2nd GNM Council Examination in June, 2016 and with 100% result, and started 3rd year GNM from September 2016 to August 2017
- 5 (Extra batch) 2nd year GNM students are completed their 2nd GNM Council Examination in December, 2015 and with 100% result, and started 3rd year GNM from January 2016 to February 2017
- 47 1st year GNM students are completed their 1st GNM Council Examination in June, 2016 and with 100% result, and started 2nd year GNM from September 2016 to August 2017
- The newly admitted 50 (fifty) 1st year GNM students started session in September 2016.

Apart from undergoing theoretical and practical training students are being sent for gaining clinical experience to the following places beside SSKM Hospital:

- Institute of Psychiatry,
- 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 to sent to the different P.H.C., Sub-Centers under Sonarpur Rural Hospital, Subhasgram, and Laxmi Bala Dutta Rural Hospital, Muchisa, Budge Budge –II, South 24 Parganas.

To have the Urban Community experiences students are sent to the following nearby 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-

- Garden Reach Water Works,
- Sewage treatment plants under Mahesh tala Municipality,
- Central Dairy Plant, Belgatchia, Kolkata &
- IDBG Hospital.
- Britannia Industries Pvt. Ltd, Taratala.
- Old age home, Little Sister of The Poor.
- Blind school, Light house for the Blind, Rashbihari avenue

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 all dedicated & responsible teachers.

For best academic performances, school recommends the following students to receive medals, for 2015-16 Academic Session, on the occasion of foundation day of IPGME&R-SSKM Hospital on 16th Jan.2017:

1. 3rd Year G.N.M. Student – Jhilik Acharjee
2. 2nd Year G.N.M. Student – Nasrin Parvin
3. 1st Year G.N.M. student – Sonali Mondal

Government has been pleased to sanction for enhancement of hundred (100) GNM seats yearly intake from the year September 2017.

Faculty position at Nursing Training School

SN	Name	Post held with Grade
1	JYOTSNA BERA	Principal Nursing Officer, Gr-I(i)(a), WBGS
2	CHANDRIMA MAITY	Sr. Sister Tutor, Gr-I(i)(b), WBNS
3	SOMA PAL	Sr. Sister Tutor, Gr-I(i)(b), WBNS
4	SWAPNA GHOSH	Sister Tutor, Gr-I(ii), WBNS
5	MITALI CHAKRABORTY	Sister Tutor, Gr-I(ii), WBNS
6	SOMA DAS	Sister Tutor, Gr-I(ii), WBNS
7	IRA PALIT	Sister Tutor, Gr-I(ii), WBNS
8	PAPIYA DAS	Sister Tutor, Gr-I(ii), WBNS
9	ALI SAHA	Sister Tutor, Gr-II, Teacher
10	SASWATI DUTTA	Sister Tutor, Gr-I(ii), WBNS
11	DEBJANI DEY	Sister Tutor, Gr-I(ii), WBNS
12	DIPALI MAHAPATRA	Sister Tutor, Gr-I(ii), WBNS
13	PIYALI HAZRA	Sister Tutor, Gr-I(ii), WBNS

14	ROMI DEVNATH	Sister Tutor, Gr-I(ii), WBNS
15	ANKITA NATH	Sister Tutor, Gr-I(ii), WBNS
16	JHUMA BHATTARCHYA	Principal Nursing Officer, Gr-I(i)(a), WBGS
17	MITA CHATTERJEE	Sister Tutor, Gr-I(ii), WBNS

Among 22 teachers, 2 are on study leave for undergoing M.Sc. Nursing and 3 are working on detailment to other Institutions. List of such teachers is given below:

SN	Name	Post held with Grade
18	SUDESHNA KAR	Sr. Sister Tutor, Gr-I(i)(b), WBNS
19	BABY MONDAL	Sister Tutor, Gr-I(ii), WBNS
20	MONICA MONDAL	Sister Tutor, Gr-I(ii), WBNS
21	TANNISTHA MAJI	Sister Tutor, Gr-I(ii), WBNS
22	TIRNA SIKDAR	Sister Tutor, Gr-I(ii), WBNS

INFRASTRCTURE DEVELOPMENT

Government has sanctioned a separate eight storied compact building for Nursing Training School, construction of which is in progress.

Postgraduate seats listing – 2016

Name of the medical college /institute

Institute of Post graduate Medical Education & Research
244 A & B, Acharya J. C. Bose Road, Kolkata - 700020

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 2014	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 (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.
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)	13	06 (6R)	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. Recognition of permitted seats withheld by letter in Sep, 2014. Subsequently confirmed.
9	MD (Pediatrics)	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.
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 (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.

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	08 (8R)	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.
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 confirmed.
17	MD (Physical Medicine & Rehabilitation)	03	02 (1R + 1P)	01 (1R)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Status of the permitted seats yet to be notified by MCI.
18	MD (Dermatology, Venereology & Leprosy)	05	03 (3R)	02 (2R)	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	134	67 (66R + 1P)	67 (67R)	

Diploma seats

SN	Name of subject	No. of PG Diploma seats 2014	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)	02	01	01	Recognized 02. Recognition to 04 seats (total 06 recognized seats earlier) withdrawn by Letter No.MCI-55(22)/2013/Med/102811 dated 07.09.2013.
2	Dip. in Otorhinolaryngo- logy (DLO)	04	02	02	Recognized 04.
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.
	TOTAL	20	10	10	