

Government of West Bengal

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

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



Annual Report for the Year 2015

Released on 60th Foundation Day – Jan 16, 2016



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

Director's Address

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

It is my pride and pleasure 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.

Over the last few years, the institute has been undergoing upgradation in several areas. The departments of Rheumatology, School of digestive and Liver diseases, Neonatology, Urology and Nephrology have been upscaled and construction of the Trauma Center has been completed till the 7th floor, and it should be operational by 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 (ROTTO) center.

Upgradation of the oncology department has been completed and the outdoor complex will shortly be operational. A new CT simulator is being installed along with further expansion of the radiotherapy department with LINAC facilities. The Academic Building is now complete till 3 stories, and hosts the Dean's office along with the students' section. The Labor Complex and an extended HDU is under construction 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 450-seated auditorium, a venue reflective of the institutions status as a premier centre for education and research.

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 post-doctoral 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 MCI.

Biomedical research is being actively undertaken by the faculty who are being funded by Govt. of India agencies like ICMR, DBT, DST, CSIR, DAE, UGC. The departments of Biochemistry, Pharmacology, Rheumatology, Endocrinology and SDLD are being supported for infrastructural development through the DST-FIST, Government of India programme. Alongside, the departments of Pathology, Plastic surgery, Neurosurgery, Neuromedicine and Microbiology are also being upgraded through DST-FIST (West Bengal). Our faculty members serve on several national task force committees and are supervising a large 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, Department of Health & Family Welfare, Govt. of West Bengal for their guidance and support.

Long live IPGME&R

Prof. Manju Banerjee
Director, IPGME&R

Date: 04/01/2016

60th Foundation Day Celebration IPGME&R, Kolkata

TENTATIVE PROGRAMME IN BRIEF

15th January, 2015 (Friday) Scientific Sessions and Quiz

10:00 AM	Welcome by Chairperson, Scientific Program
10:30 AM	Short Paper Sessions I, II, III and IV Parallel sessions
2:00 PM	Quiz for MBBS students

16th January, 2015 (Saturday) Formal Inauguration and Main Program

9:30 AM	Flag Hositing
10:00 AM	Sir Ronald Ross Oration Prof. Siddhartha Roy Senior Scientist, Bose Institute, Kolkata
10:45 AM	Dr. Arun Banerjee Memorial Oration Dr. Asitava Mondal Consultant Pathologist
11:30 AM	Inauguration and Prize distribution
1:30 PM	Lunch

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**The mind is not a vessel to be filled, but a
fire to be kindled.**

- Plutarch

Medal awards

1. Sir Ronald Ross Oration 2016 **Prof. Siddartha Roy**
 2. Dr. Arun Banerjee Memorial Oration 2016 **Dr. Asitava Mondal**
 3. Medal for Proficiency in Annual Examination – MD (General Medicine) Session 2013-2016 **Dr. Durjoy Lahiri**
 4. Medal for Proficiency in Annual Examination – MS (General Surgery) Session 2013-2016 **Dr. Nikhilesh Jibhakate**
 5. Medal for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2013-2016 **Dr. Rashmi Naid**
 6. Medal for Proficiency in Thesis Work – MD (General Medicine) Session 2013-2016 **Dr. Ayan Roy**
 7. Medal for Proficiency in Thesis Work – MS (General Surgery) Session 2013-2016 **Dr. Raunak Shinde**
 8. Medal for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2013-2016 **Dr. Sanchari Dutta**
 9. Prof. Amal Kumar Bose Memorial Award for obtaining highest marks in MD (Anesthesiology) 2015 from IPGME&R **Dr. Ujjwal Mondal**
 10. Dr. Prabir Sengupta Memorial Award for excellence in MD (Radiodiagnosis) 2015 from IPGME&R **Dr. Ruchira Das**
 11. Madhusudan Saha Memorial Award for obtaining highest marks in MS (General Surgery) 2015 from IPGME&R **Dr. Suwendu Maji**
 12. Niharbala Ghosh Memorial Award for obtaining highest marks in MS (Obstetrics & Gynecology) 2015 from IPGME&R **Dr. Smriti Prasad**
 13. Dr. Purnima Mukherjee & Smt. Kalyani Dutta Gupta Award for best thesis in Anesthesiology in 2015 among students of IPGME&R **Dr. Sandipan Banerjee**
 14. Dr. K. P. Sengupta Memorial Award for highest marks in MD Pathology university examination in 2015 among students of IPGME&R. **Dr. Ankita Sen**
 15. Pushpa Rani Saha Memorial Award for obtaining highest marks in Surgery in Final MBBS Examination 2015 from lady students of IPGME&R **Ms. Sandipta Mitra**
 16. Medal for proficiency in Second Year General Nursing & Midwifery Examination 2015 **Ms. Tanusree Rakshit**
 17. Medal for proficiency in Preliminary General Nursing & Midwifery Examination 2015 **Ms. Sayanatani Das**
 18. Medal for proficiency in BPT Final Examination 2015 **Mr. Lord Chatterjee**
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Certificate awards

1. Certificate for Senior Class Assistantship in Physiology 2015 **Mr. Saikat Sen**
2. Certificate for Junior Class Assistantship in Physiology 2015 **Mr. Amit Bagrodia**
3. Certificate for Senior Class Assistantship in Pathology 2015 **Mr. Debtanu Banerjee**
4. Certificate for Junior Class Assistantship in Pathology 2015 **Mr. Chandramouli Goswami**
5. Certificate for Senior Class Assistantship in Microbiology 2015 **Mr. Debtanu Banerjee**
6. Certificate for Junior Class Assistantship in Microbiology 2015 **Mr. Chandramouli Goswami**
7. Certificate for Senior Class Assistantship in Pharmacology 2015 **Mr. Niladri Das**
8. Certificate for Junior Class Assistantship in Pharmacology 2015 **Mr. Agnimitra Ghosal**
9. Certificate for Senior Class Assistantship in Community Medicine 2015 **Mr. Sayantan Chakraborty**
10. Certificate for Junior Class Assistantship in Community Medicine 2015 **Mr. Arka Karmakar**
11. Certificate for Senior Class Assistantship in Eye 2015 **Ms. Juhi Gupta**
12. Certificate for Junior Class Assistantship in Eye 2015 **Mr. Sayantan Chakraborty**
13. Certificate for Senior Class Assistantship in ENT 2015 **Mr. Sayantan Chakraborty**
14. Certificate for Junior Class Assistantship in ENT 2015 **Ms. Avishikta Das**
15. Certificate of Merit for securing highest marks in 1st Professional MBBS Examination among students of IPGME&R 2015 **Mr. Saikat Sen**
16. Certificate of Merit for securing highest marks in 2nd Professional MBBS Examination among students of IPGME&R 2015 **Mr. Buddhadev Chatterjee
Mr. Ronit Roy
Ms. Rimjhim Basak**
17. Certificate of Merit for securing highest marks in 3rd Professional Part I MBBS Examination among students of IPGME&R 2015 **Mr. Debanjan Bose**
18. Certificate of Merit for securing highest marks in Third Professional Part II MBBS Examination among students of IPGME&R 2015 **Ms. Indrani Basak**
19. First Certificate of Merit for Proficiency in Annual Examination – MD (General Medicine) Session 2013-2016 **Dr. Ayan Roy**
20. First Certificate of Merit for Proficiency in Annual Examination – MS (General Surgery) Session 2013-2016 **Dr. Barun Kumar**
21. First Certificate of Merit for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2013-2016 **Dr. Priyadharshini M.**
22. Second Certificate of Merit for Proficiency in Annual Examination – MD (General Medicine) Session 2013-2016 **Dr. Rakesh Agarwal**
23. Second Certificate of Merit for Proficiency in Annual Examination – MS (General Surgery) Session 2013-2016 **Dr. Chaina Paul**
24. Second Certificate of Merit for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2013-2016 **Dr. Sudeshna Datta**
25. First Certificate of Merit for Proficiency in Thesis Work – MD (General Medicine) Session 2013-2016 **Dr. Durjoy Lahiri**
26. First Certificate of Merit for Proficiency in Thesis Work – MS (General Surgery) Session 2011-2014 **Dr. Rahul Dhar**
27. First Certificate of Merit for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2013-2016 **Dr. Sudeshna Datta**
28. Second Certificate of Merit for Proficiency in Thesis Work – MD (General Medicine) Session 2013-2016 **Dr. Sayan Ghosh**
29. Second Certificate of Merit for Proficiency in Thesis Work – MS (General Surgery) Session 2011-2014 **Dr. Abhishek Singh**
30. Second Certificate of Merit for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2013-2016 **Dr. Priyadharshini M.**
31. Certificate of Merit for being the Most Humane Nurse 2015 **Sr. Bindu Mukundan Varrier**

Postgraduate MD / MS Students clearing University Examination in 2015

MD [Anaesthesiology]

- Dr. Sandipan Banerjee
- Dr. Aveek Mukherjee
- Dr. Shalini Chowdhuri
- Dr. Ujjal Mondal
- Dr. Onzima Suba
- Dr. Moupali Ghosh
- Dr. Suparna Mitra
- Dr. Anindita Saha
- Dr. Sabhyasachi Singha

MD [Anatomy]

- Dr. Ratnadeep Paddar
- Dr. Oyndrila Sengupta
- Dr. Ankita pal
- Dr. Jaita chowdhury
- Dr. Subhajit Halder

MD [Biochemistry]

- Dr. . Shruti Anand
- Dr. Pankaj Mandal
- Dr. Bhaswati Das
- Dr. Sangeeta Jana
- Dr. Sudeshna Ghosh
- Dr. Sibasis Bhattacharyya
- Dr. Anirban Ganguly

MD [Dermatology]

- Dr. .Banashree Banerjee
- Dr. Atul Jain
- Dr. Rahul Ahar
- Dr. Ayan Samanta
- Dr. Debashis Sen

MD [General Medicine]

- Dr. Joydip Datta
- Dr. Abdullah Md.Hasan
- Dr. Kausik Bhar
- Dr. Subrata Chakrabarti
- Dr. Shah Alam Sharwar
- Dr. Soumik Sarkar
- Dr. Abhijit Das
- Dr. Manoj Kumar Roy
- Dr. Arun Kumar Agarwalla
- Dr. Mrinal Kumar Achaya
- Dr. Priyanka Biswas
- Dr. Koushik Roy

MD [Microbiology]

- Dr. Mousumi Mondal

MS [Obstetrics & Gynaecology]

- Dr. . Payel Roy
- Dr. Barun Kumar Mandi
- Dr. Megha Sharma
- Dr. Joycerani D.
- Dr. Srijoni Chowdhury
- Dr. Minakshi Tiwari
- Dr. Smriti Prasad
- Dr. G. Sujitha

- Dr. Aunik Das
- Dr. Neha Ladha
- Dr. Soumen Koley

MS [Orthopaedics]

- Dr. Ariful Islam
- Dr. Sutanu Goswami
- Dr. Debasis Mukherjee
- Dr. Saikat Sau
- Dr. Md Asbabul Haque

MS [Otorhinolaryngology]

- Dr. Subhendu Bhattacharya
- Dr. Anju Mambully
- Dr. Rajarshi Kar

MD [Pathology]

- Dr. .Saurav Sarkar
- Dr. Sarmistha Ray
- Dr. Abhishek Chowdhury
- Dr. Gaurav Chatterjee
- Dr. Devasis Panda
- Dr. Abhijit Saha
- Dr. Ankita Sen
- Dr. Madhumita Barua
- Dr. Kakali Saha
- Dr. Shabnam Parveen
- Dr. Iftekhar Jalil Baig
- Dr. Apurba Banerjee
- Dr. Mausumi Kundu

MD [Pediatrics]

- Dr. Sandip Kumar Mondal
- Dr. Rabi Kumar
- Dr. Naveen K
- DR Sovana Hoque
- Dr. Srirupa Bhattacharya(exempted category)

MD [Pharmacology]

- Dr. . Ayan Kumar Pati
- Dr. Sourav Das Chowdhury
- Dr. Alak Kumar Das
- Dr. Kaushik Mukhopadhyay
- Dr. Sandip Baidya

MD [Physiology]

- Dr. .Debanjana Chowdhury
- Dr. Arani Das
- Dr. Subhamitra Maulik

MD [Physical Medicine & Rehabilitation]

- Dr. Siddhartha Sinha Ray
- Dr. Tuhin Ray
- Dr. Soumyadipta Ghosh

MD [Psychiatry]

- Dr. Sandip Kumar Hazra
- Dr. Sudipta Ghosh
- Dr. Sk Maidul Islam
- Dr. Amitava Das

MD [Radiodiagnosis]

- Dr. . Avanti Kaur Hora (SSKM Trust)
- Dr. Sonam Gyatso
- Dr. Sourav Talukder
- Dr. Suvan Kumar Pramanik
- Dr. Sudipta Sarkar
- Dr. Shamick Biswas
- Dr. Sonam Priya
- Dr. Naznin Siddique

MD [Radiotherapy]

- Dr. .Rituparna Biswas
- Dr. Anirban Halder
- Dr. Imran Khan
- Dr. Chandrima Banerjee
- Dr. Subir Pal

MS [General Surgery]

- Dr. Abhishek Kumar
- Dr. Anshuman Aashu
- Dr. Partha Sarthi Mondal
- Dr. Raghavan Sriniket
- Dr. Raunak Shinde
- Dr. Rahul Dhar
- Dr. Abhishek Singh
- Dr. Suvendu Maji
- Dr. Hasan Subid
- Dr. Chandranath Adhikary

MD [TB & Respiratory Medicine]

- Dr. Jineesh Joseph
- Dr. Arundhati Datta
- Dr. Ritam Chakraborty

Postgraduate Diploma Students clearing University Examination in 2015

DA

- Dr. Ruma Mondal
- Dr. Md Sadat Wasim
- Dr. Partha Sarthi Naskar
- Dr. Kalyan Kumar Gangopadhyay
- Dr. Asim Haldar

DVD / DDVL

- Dr. Ansari Mohammad Asad Ansarul Haque
- Dr. Tinku Mondal
- Dr. Prateek Tiwari
- Dr. Dipankar De
- Dr. Sumita Panda (Bhattacharya)
- Dr. Apurba Lal Dutta
- Dr. Ashis Kumar Kundu

DMRD

- Dr. Shweta Gupta
- Dr. Ritesh Agarwal
- Dr. Asadul Bari
- Dr. Vineet Soni
- Dr. Jigar Maheshkumar Makwana
- Dr. Sangale Abhijit Laxman
- Dr. Patil Atul Chandrakant
- Dr. Samir Ramakant Sonar
- Dr. B Naveen
- Dr. Samiran Mandal
- Dr. Arita Pal
- Dr. Monikana Mukherjee

DLO

- Dr. . Nordan Otzer
- Dr. Nabendu Roy
- Dr. Sujit Kumar Mandal

DPM

- Dr. Dhiman Ranjan Bhardwaj
- Dr. Sumona Bera
- Dr. N Rekha
- Dr. Iti Baidya
- Dr. Suprem Bose
- Dr. Partha Sinha

DMRT

- Dr. . Santosh Banik
- Dr. Priyanka Biswas
- Dr. Avik Mandal
- Dr. Sukamal Das
- Dr. Sayoni Bhanja
- Dr. Koushwami Kar
- Dr. Manoj Kumar Ghosh
- Dr. H. M Mohtasib Alam

Postgraduate Students clearing University Supplementary Examination in 2015

MD [Physiology]

- Dr. Rama Das

MS [Orthopaedics]

- Dr. Pankaj Jyoti Sonowal

MS [General Surgery]

- Dr. Kamal Singh Kanawar
- Dr. Sanjeev Kumar Choudhary

Postdoctoral Students clearing University Examination in 2015

MCh [Neurosurgery]

- Dr. Brajesh Kumar
- Dr. Naba Kumar Barman
- Dr. Shaikh Adnan Akbar
- Dr. Subhayan Mandal
- Dr. Harish Chandra Gupta
- Dr. Deepak Bandlish
- Dr. Talathi Nikhil Ramanlal

MCh [Plastic Surgery]

- Dr. Yatindra Kumar Dewangan
- Dr. Kinkar Munian
- Dr. Gouranga Dutta
- Dr. Pritrha Rakshit
- Dr. Aditya Kanoi
- Dr. Subhakanta Mohapatra

MCh [Urology]

- Dr. Rajkumar Singha Mahapatra
- Dr. Rajendra Prasad Ray
- Dr. Anurag Puri
- Dr. Partha Pratim Mondal
- Dr. Deepak kumar Gupta
- Dr. Debojit Gogoi

MCh [CTVS]

- Dr. Swarnendu Datta
- Dr. Subhash Minda
- Dr. Soumyajit Ghosh

- Dr. Md. Rashid Zeya Ayubi
- Dr. Prasanta Das
- Dr. Amanul Hoque

MCh [Pediatric Surgery]

- Dr. Sunil Kumar Saxena
- Dr. Aloke Kumar Sinhababu

DM [Cardiac Anesthesiology]

- Dr. Somnath Dey
- Dr. Jyotiranjan Parida

DM [Cardiology]

- Dr. Subhra aditya
- Dr. Pradip Saha
- Dr. Priyam Mukherjee
- Dr. Uttam Kumar Sarkar
- Dr. Chanchal Kumar kundu
- Dr. Md Irshad Alam
- Dr. Suraj Kumar Singh
- Dr. Nadeem Afroz Muslim
- Dr. Patil shaileshkumar Jagdishchandra
- Dr. Nabarun Roy
- Dr. Tanmoy Majee

DM [Endocrinology]

- Dr. Manoj Kumar
- Dr. Sandeep Chaudhari

- Dr. Kaushik Biswas

- Dr. Saumik Datta
- Dr. Sumit Kumar Chakrabarti

DM [Medical Gastroenterology]

- Dr. Pankaj Singh
- Dr. Arka Banerjee
- Dr. Tryambak Samanta
- Dr. Gautam Ray
- Dr. Kaushik B.P.N.

DM [Neonatology]

- Dr. Jagdish Prasad Sahoo

DM [Nephrology]

- Dr. Rayees Yousuf
- Dr. Harmeet Riyat
- Dr. Kanchan saha
- Dr. Nikunj Kishore Rout
- Dr. Venkataramana Reddy Thummu

DM [Neurology]

- Dr. Chafale Vishal Annaji
- Dr. Saurabh Rai N
- Dr. Subhasis Maitra
- Dr. Debjani Roy Chowdhury
- Dr. Shivkumar K. Masaraddi
- Dr. Lahoti Satish Arunkumar

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	Janab Firhad Hakim, Honb'le MIC, Dept. of Municipal Affairs & Urban Development, Govt. of West Bengal [Chairperson]
2	Principal Secretary, Dept. of Health & Family Welfare, Govt. of West Bengal
3	Director of Medical Education (DME) & Ex-Officio Secretary, Govt. of West Bengal
4	Director of Health Service (DHS) & Ex-Officio Secretary, Govt. of West Bengal
5	Dr. Nirmal Maji, State Government nominee
6	Executive Director, WB State Health & Family Welfare Samity, Govt. of West Bengal
7	Medical Superintendent cum Vice-Principal (MSVP), IPGME&R-SSKM Hospital
8	Prof. Rajendra Pandey, HOD Nephrology
9	Prof. Pradip Kumar Saha, Institute of Psychiatry
10	Prof. Siddhartha Basu, Dept. of Radiotherapy
11	Prof. Arunava Sengupta, HOD ENT
12	Superintendent, Ramrikdas Harlalka Hospital
13	Superintendent, Sambhu Nath Pandit Hospital
14	Nursing Superintendent, SSKM Hospital
15	Accounts Officer, SSKM Hospital
16	Sri. Anindya Roy, Asst. Super. (N.M.)
17	PG student representative
18	UG student representative
19	Director, IPGME&R-SSKM Hospital [Member Secretary]

SN	Rogi Kalyan Samity Member
1	Janab Firhad Hakim, Honb'le MIC, Dept. of Municipal Affairs & Urban Development, Govt. of West Bengal [Chairperson]
2	Sri Madan Mitra, Honb'le MIC, Dept. of Transport, Govt. of West Bengal [Co-Chairperson]
3	Dr. Nirmal Maji, State Government nominee
4	Director, IPGME&R-SSKM Hospital
5	Sri Anil Kumar Mukherjee, Councilor, KMC
6	Dr. Santanu Sen, Medical Consultant
7	Superintendent, Ramrikdas Harlalka Hospital
8	Deputy Superintendent, SSKM Hospital
9	Prof. Raghunath Mishra, HOD Community Med.
10	Dr. Syamal Sardar, Dept. of Neonatology
11	Dr. Biswajit Khara, Medical Officer Anesthesiology
12	Dr. Sandip Biswas, Emergency Medical Officer
13	Nursing Superintendent, SSKM Hospital
14	Accounts Officer, SSKM Hospital
15	Officer-In-Charge, Bhowanipur Police Station
16	Assistant Engineer, PWD-Civil, SSKM Hospital
17	Assistant Engineer, PWD-Electrical, SSKM Hosp.
18	MSVP, IPGME&R-SSKM Hospital [Member Secretary]

IPGME&R and SSKM Hospital Administration

Administrative Officers

Prof. Manju Banerjee	Director (from 24.06.2015)
Prof. Manas Sarkar	Medical Superintendent cum Vice-Principal (MSVP)
Prof. Amal Kanti Das	Dean of Student Affairs
Dr. Atindra Kumar Mondal	Deputy Superintendent
Mr. Rohitasya Gayen	College Accounts Officer
Mr. Debanjan Biswas	Hospital Accounts Officer
Mr. Anindya Roy	Assistant Superintendent
Ms. Sebanti Mukherjee	Assistant Superintendent
Mr. Kaustav Ghosh Chowdhuri	Assistant Superintendent
Mr. Surajit Sen	Assistant Superintendent
Mr. Anindya Banerjee	Assistant Superintendent
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. Bhaswati Bhattacharyya, Cashier (UDC)
 Smt. Sarmila Pathak, UDC
 Smt. Rajeswari Banerjee, UDC
 Smt. Bandana Roy, UDC
 Sri Panchu Gopal Dutta, UDC
 Sri Avijit Kumar Das, UDC
 Sri Barun Kumar Banerjee, 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 Milan Kumar Jana, GDA
 Sri Biswajit Debnath, GDA
 Smt. Mona Devi, Sweeper

Student Section (Office of the Dean)

Sri Swapan Kumar Sarkar, Stenotypist (Gr. I)
 Sri Atul Chandra Dey, UDC
 Sri Provas Roy, LDC
 Sri Ananta Kumar Khatua, Hostel caretaker
 (Contractual)
 Sri Md. Arif, Support Staff
 Sri Bijoy Kumar Das, GDA
 Sri Subhadeep Mondal, GDA
 Sri Sanjay Das, GDA
 Sri Lala Ram, Sweeper
 Sri Guddu Ram, 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)

SN	Name	Gender	Designation	Role
1	Dr. Hemanta 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

Prof. Subir Kumar Dutta, Ex-Dean of Faculty of Medicine, University of Calcutta & Retired Professor of Pathology, who was a Basic Medical Scientist member, resigned from the Committee with effect from 01.09.2015.

* Inducted into Committee on 04.07.2015 in place of former director Prof. Pradip Kumar Mitra.

This committee met 8 times during the year under review.

**Institutional Animal Ethics Committee
(CPCSEA Registration No. 544/c/PO/02/CPCSEA)**

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

This committee met 2 times during the year under review.

We look for medicine to be an orderly field of knowledge and procedure. But it is not. It is an imperfect science, an enterprise of constantly changing knowledge, uncertain information, fallible individuals, and at the same time lives on the line. There is science in what we do, yes, but also habit, intuition, and sometimes plain old guessing. The gap between what we know and what we aim for persists. And this gap complicates everything we do.

- Atul Gawande

Anesthesiology

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
Assistant Professor	Dr. Sudeshna Bhar (Kundu) MD Dr. Rajiv Kumar Samal MD Dr. Samarendra Nath Samui MD Dr. Rajat Choudhuri MD Dr. Rajasree Biswas MD, DNB Dr. Ratul Kundu MD Dr. Ratul Basu MD, PDCC 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 Dr. Biswanath Baskey MBBS

Postgraduate Trainees

MD students

2013 – 2016	2014 – 2017	2015 – 2018
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. 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

DA students

2014 – 2016	2015 – 2017
Dr. Mrinal Kumar Mallick	Dr. Soumyajit Mondal Dr. Nilanjan Bhattacharya

Students clearing University examination in 2015

2012-2015 MD Students	2013-2015 DA Students
Dr. Sandipan Banerjee Dr. Ujjwal Mondal Dr. Anindita Saha Dr. Suparna Mitra Dr. Aveek Mukherjee Dr. Shalini Chowdhury Dr. Onzima Suba Dr. Moupali Ghosh Dr. Sabyasachi Singha Dr. Pabitra Das	Dr. Asim Halder Dr. Ruma Mondal Dr. Md Sadat Wasim Dr. Partha Sarathi Naskar Dr. Kalyan Kumar Gangopadhyay

Faculty members retired or transferred out during the period 01.12.2014 to 30.11.2015

1. Dr Sandip Sinha
2. Dr Anisha De

REGULAR ACADEMIC ACTIVITIES

- i. Regular classes held thrice a week. Monthly examination for assessment.
- ii. Attending CME programme organized by ISA (WB Branch) at different medical colleges and private medical institutions by post graduate trainees and teachers.
- iii. Attending various conferences at the state as well as national levels by post graduate trainees and teachers.
- iv. Paper presentation at various conferences by post-graduate trainees and teachers.
- v. Delivery of lectures or orations and taking part in panel discussion by teachers at conferences of the state and national level.
- vi. Conducting Annual Post Graduate Assembly where postgraduate students from various medical colleges from this state and also other states participate which helps the postgraduate trainees to prepare better for their examination.
- vii. Conducting Workshops at regular interval.
- viii. Rotating allotment of post graduate students to Cardiothoracic OT of Department of Cardiac Anaesthesiology, IPGME&R, Kolkata and Neurosurgery OT of Bangur Institute of Neurology.

Research works submitted as Thesis topics/Research ongoing:

1. Comparison of recovery characteristics between fentanyl-propofol and dexmedetomidine- propofol based anesthesia in supratentorial brain tumor surgery.
Student: Dr Priyabrata Shit
Guide: Prof (Dr) Sankari Santra
Co-guide: Dr Rajasree Biswas
2. Comparison of endotracheal tube cuff pressure change between supine- prone and supine- knee chest position in lumbar disc surgery.
Student: Dr Arun Kumar Mandi
Guide: Prof (Dr) Sankari Santra
Co-guide: Dr Jayanta Chakrabarty
3. Efficacy of transdermal buprenorphine patch on postoperative pain relief after elective spinal instrumentation surgery.
Student: Dr Prativa Bhunia
Guide: Prof (Dr) Sankari santra
Co-guide: Dr Saikat Niyogi
4. Comparative study of 0.5% Levobupivacaine combined with Dexmedetomidine versus racemic mixture of 0.5% Bupivacaine combined with Dexmedetomidine intrathecally for elective orthopedic surgeries of lower limbs.
Student: Dr Arpita Choudhury
Guide: Dr Sarbari Swaika
Co-guide: Dr Sandip Sinha
5. Incidence of postdural puncture headache in cesarean section under spinal anaesthesia: A comparison of 25G Quincke Whitacre needle.
Student: Dr Priyanka Mandal
Guide: Prof (Dr) Amita Acharjee
Co-Guide: Dr Indrani Chakrabarty

6. Role of dexmedetomidine in preventing post- operative shivering following craniotomy: A randomised placebo controlled double blinded trial.
Student: Dr Jishnu Nayak
Guide: Prof Amita Acharjee
Co-guide: Dr Jayanta Chakraborty
7. Control of shivering using prophylactic ketamine during a subarachnoid block: A placebo-controlled randomized double blind study.
Student: Dr Zoengmawia
Guide: Prof (Dr) Amita Acharjee
Co-guide: Dr Rajasree Biswas
8. Comparison of post-operative analgesic efficacy after incisional infiltration of bupivacaine versus bupivacaine-buprenorphine in open cholecystectomy.
Student: Dr Pijush Kanti Choudhury
Guide: Dr Chiranjib Bhattacharyya
Co-guide: Dr Rajasree Biswas
9. Effect of infusion of Dexmedetomidine on characteristics of spinal anaesthesia with hyperbaric bupivacaine: A randomized controlled trial.
Student: Dr Shanta Dutta
Guide: Dr Sarbari Swaika
Co-guide: Dr Rajat Choudhuri
10. Continuous epidural labour analgesia using 0.0625% bupivacaine with 0.0002% fentanyl and 0.0625% bupivacaine with 0.00025 fentanyl.
Student: Dr Animesh Baul
Guide: Prof (Dr) Sampa Dutta Gupta
Co-guide: Dr Rajat Choudhury
11. Influence of clonidine as adjuvant in paravertebral block for patients undergoing breast cancer surgery.
Student: Dr Nairita Mayur
Guide: Dr Chiranjib Bhattacharyya
Co-guide: Dr Sudeshna Bhar (Kundu)
12. A comparative study of isobaric 0.5% levobupivacaine combined with 50mcg fentanyl versus isobaric 0.5% ropivacaine combined with 50mcg fentanyl in lumbar epidural anaesthesia for elective infraumbilical surgery
Student: Dr Swarnali Dasgupta
Guide: Dr Sarbari Swaika
Co- guide: Dr Samarendranath Samui
13. Perioperative glycemic status of obese NIDDM adults posted for operation under general anaesthesia - A prospective observational study
Student: Dr Amitava Nandy
Guide: Prof (Dr) Sampa Dutta Gupta
Co-guide: Dr Sudeshna Bhar (Kundu)
14. A double-blind, randomized, controlled trial comparing the effects of single intravenous dose of dexmedetomidine and lignocaine on attenuation of post-extubation airway reflexes and hemodynamic changes in patients posted for elective abdominal surgery under general anaesthesia
Student: Dr Gargi Nandy
Guide: Dr Chiranjib Bhattacharyya
Co-guide: Dr Rajiv Kumar Samal
15. 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
16. 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
17. Comparative evaluation of subclavian vein catheterization using supraclavicular versus infraclavicular approach
Student: Dr Dilip Kumar Singri
Guide: Prof (Dr) Chaitali Sen
Co-guide: Prof (Dr) Anupam Goswami, Dr Sandeep Kr Kar
18. Comparative study of midline and paraglossal approach of miller blade intubation in children < 2 years age.
Student: Dr Swarupa RoyChoudhury
Guide: Prof (Dr) Amalendu Bikas Chatterjee
Co-guide: Dr Ratul Kundu
19. Comparative study between infusion dexmedetomidine and infusion magnesium sulphate on attenuation of blood pressure surge in laparoscopic surgery under general anaesthesia.
Student: Dr Subhasis Ghosh
Guide: Prof (Dr) Amalendu Bikas Chatterjee
Co-guide: Dr Suchismita Mallick
20. Comparison between Macintosh, Miller and McCoy laryngoscope blade size 2 in paediatric patients - A randomised control trial.

- Student: Dr. Pratishtha Yadav
Guide: Prof (Dr) Dhurjoti Bhattacharya Co-guide: Dr Sudeshna Bhar (Kundu)
21. 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
22. 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
23. 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
24. 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
25. 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
26. 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
27. 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
28. 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

ACADEMIC ACTIVITIES OF FACULTY MEMBERS

Prof (Dr) Sankari Santra

Convener & Examiner

1. Convener in MD (Anaesthesiology) Examination held in May, 2015

Invited speaker

1. In Eastern Zonal and State Conference of West Bengal chapter of Indian Society of Anaesthesiologists 2015, Topic: Perioperative surgical home-The Latest Perioperative Care?
2. In CME organised by West Bengal chapter of Indian Society of Anaesthesiologists in 2015, Topic: Mitral stenosis in pregnancy
3. In Annual Post Graduate Assembly 2014 organised by Department of Anaesthesiology, IPGME&R. Topic: Hydrocephalus

Publications

1. 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.
2. 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.
3. 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.
 4. Evaluation of effect of magnesium sulphate infusion in reducing intraoperative dose requirements of propofol during elective craniotomy. **Sankari Santra**, Ratul Basu, Bibhukalyani Das. Accepted in JIMA for publication.
 5. 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.

Dr. Sarbari Swaika

Publications

1. Project submitted to MCI in Advanced Course in Medical Education Technology (FIME, Jan2015 - Feb 2016), JNMC, DMIMS(DU), Sawangi, Wardha, MCI Nodal Centre for National faculty Development.
2. 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 Mondal, Swapnadeep Sengupta. Indian Journal of Pain 2015;29(2):86-90.
3. Presentation and diagnostic accuracy of fine-needle aspiration cytology and ultrasonography in detecting breast cancer in tribal females of rural West Bengal. Sanhita Mukherjee, **Sarbari Swaika**, Sunanda De, Diptakanti Mukhopadhyay. Arch Clin Exp Surg 2015;4:142-7.
4. A study of the LMA C-TRACH™ 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 Sciences2015; 4,(65): 11328-11334.
5. 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)
6. Effects of intrathecal hyperbaric ropivacaine versus hyperbaric bupivacaine for lower limb orthopedic surgery. Somjit Chatterjee, **Sarbari Swaika**, Bikash Bisui, Anamitra Mandal, Jagabandhu Sheet, Swapnadeep Sengupta, Shakya Majumdar. Anesthesia: Essays and Researches 2014; 8(3):349-53.
7. 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.

Chairperson/Speaker

1. Chairperson of a panel Discussion on “Headache and Facial Pain” in International Conference on Recent Advancement in Pain on 28-30 Aug 2015.
2. Moderator of Panel Discussion on “Informed Consent” in Eastern Zonal and State Conference of the Indian Society of Anaesthesiologists West Bengal Chapter, 6-8 Nov 2015.
3. Assigned as the PG teacher for DNB, Anaesthesiology at Purulia District Hospital.
4. In Post Graduate teaching programme organized by Department of Cardiothoracic Anaesthesiology, IPGME&R in 2014. Topic: Ventricular Septal Defect.

Dr. Chiranjib Bhattacharyya

Publications

1. 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 Bhattacharyya, **Chiranjib Bhattacharyya**. South African Journal of Anaesthesia and Analgesia 2015; 21(5):16-20.
2. 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.
3. 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.

4. 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.
5. Comparison of postoperative analgesia in thoracotomy patients by thoracic epidural versus paravertebral block with ropivacaine and clonidine. Tanmoy Ganguly, Chaitali Sen Dasgupta, **Chiranjib Bhattacharyya**, Manosij Mitra, Sandip Sinha. Journal of Universal Surgery 2015;3(13)
6. Efficacy of dexmedetomidine in reducing emergence agitation after sevoflurane anaesthesia in paediatric patients. Anusua Banerjee, **Chiranjib Bhattacharyya**, Manjusri Ray. International Journal of Scientific Research 2015;4(7):458-61.
7. Thoracic Gunshot Wound: A report of 3 cases and Review of management. Tanmoy G, Sandeep Kumar K, Chaitali S, **Chiranjib B**, Manosij M. La Prensa Medica Argentina 2015; 101(6):1000177.

Chairperson/Speaker

1. Chairperson in Panel discussion in Eastern Zonal and State Conference of the Indian Society of Anaesthesiologists West Bengal Chapter
2. In CME organised by West Bengal chapter of Indian Society of Anaesthesiologists in 2015, Topic: Diabetic foot
3. Speaker in Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R

Dr. Sudeshna Bhar Kundu

Publications

1. 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
2. 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.
3. 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
4. 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.
5. A comparative study of effects of standard and low dose intrathecal bupivacaine to find out correlation between age and haemodynamic changes as well as on early ambulation in patients undergoing transurethral resection of prostate. Sampa Dutta Gupta, A K Singh, Dhiman Adhikari, **Sudeshna Bhar Kundu**, Sugata Pal, Sandip Sinha. International Research Journal of Natural and Applied Sciences 2015;2(8)

Invited speaker

1. In Eastern Zonal and State Conference of the Indian Society of Anaesthesiologists West Bengal Chapter
2. In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R

Dr. Samarendra Nath Samui

Publications

1. Surgeon -anesthesiologist relationship. International journal of basic and applied Medical Sciences ISSN: 2277-2103 2014;4(2) :174-181/ Sinha et al.
2. Case report –Preoperative management of a child having ovarian Dysgerminoma with para neoplastic syndrome: Case report of stormy event. Choudhuri et al. Prensa med Argent 2015, 101:6

Ongoing research work

1. Comparative study between continuous epidural 0.1%Levobupivacaine with 0.0002% Fentanyl versus 0.1%Ropivacaine with 0.0002% Fentanyl in labor analgesia.
2. Comparison of Macintosh, McCoy, True view EVO2 and King vision Laryngoscope for intubation in patient with simulated cervical spine immobilization.

3. Ondansetron induced QT interval change in induction with isoflurane and halothane in healthy subjects undergoing general anaesthesia

Invited speaker

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

Dr Rajat Choudhuri

Publications

1. 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 Choudhury**. International Journal of Research in Medical Sciences 2015; 3(5):1277-80.
2. Laparoscopic bilateral adrenalectomy in a patient of Cushing's Disease due to Pituitary microadenoma: A challenge for the anaesthesiologist. Dhiman Adhikari, Sandeep Kr Kar, **Rajat Choudhury**, Shalini Choudhury, Gargi Nandi, Jishnu Nayak. La PrensaMedica 2015; 23:101-6.
3. Perioperative management of a child having ovarian dysgerminoma with paraneoplastic syndrome: Case report of stormy events. **Rajat Choudhury**, Sandeep Kumar Kar, Samarendranath Samui, Nairita Mayur. Prensa Med Argent 2015.
4. Effects of Dexmedetomidine and clonidine as Propofol adjuvants on intra operative haemodynamics and recovery profiles in patients undergoing laparoscopic cholecystectomy: A prospective randomized comparative study. Anjum Naaz, Hussain Tabish, Debdas Saha, Bani Hembram, **Rajat Choudhury**, Anjana Basu Ghosh Dastidar. Avicenna Journal of Medecine 2015; 5:67-73.
5. Glutamine: Present And Future. **Rajat Choudhuri**, Dhiman Adhikari, Subinay Chaule. International Journal of Basic and Applied Medical Sciences 2014; 4(3):84-6.

Invited Speaker

1. In Eastern Zonal and State Conference of the Indian Society of Anaesthesiologists West Bengal Chapter in 2015
2. In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R

Miscellaneous

1. Appointed as a facilitator in Medical Officer ICU Training Programme
2. Appointed as additional faculty in CCU run by the Department of Medicine

Dr Ratul Kundu

Publications

1. Emergence agitation prevention in paediatric ambulatory surgery: A comparison between intranasal dexmedetomidine and clonidine: A prospective double blinded and parallel group study. Published in March in Journal of Research in Pharmacy Practice.
2. 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

1. Participated in the workshop on Interventional Pain Management in 2015
2. Participated in International Pain Conference held at Kolkata 2015
3. Ahead of participation in ISA 2015 scheduled to be held at Jaipur 2015

Invited Speaker

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

Dr Suchismita Mallick

Publications

1. Comparison of ramelteon with clonidine as an adjuvant to anaesthesia: A placebo-controlled, randomized, double-blinded trial. **Suchismita Mallick**, Uday S Mondal, Ajay Halder, Sumanta G Moulick, Sandip Kumar

- Hazra, Abhinanda Biswas. Karnataka Anaesthesia Journal 2015;1(2):37-41.
2. 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

Dr Ratul Basu

Publications

1. Evaluation of effect of magnesium sulphate infusion in reducing intraoperative dose requirements of propofol during elective craniotomy. **Ratul Basu**, Sankari Santra, Bibhukalyani Das. Accepted in JIMA for publication.
2. Comparison of intraoperative muscle relaxation and neuromuscular recovery from continuous infusion of vecuronium and atracurium in ASA grade 1 and 2 patients undergoing midline and paramedian laparotomies. Al Ameen Journal of Medical Sciences 2015.

Conference attended

International Conference on Recent Advancement in Pain on 28-30 Aug 2015.

Dr Dhiman Adhikari

Publications

1. A study to compare intrathecal bupivacaine and bupivacaine with neostigmine for post operative analgesia in patients undergoing vaginal hysterectomy. Authors: **Dhiman Adhikari**, Sandip Sinha, Rajat Choudhuri, Mausumi Mitera, Susmita Bhattacharya. International Journal of Basic and Applied Medical Sciences 2014;4(3):123-9.
2. Thyrotoxic periodic paralysis: A Case report and review of literature. Authors: Rajat Choudhuri, **Dhiman Adhikari**, Sandip Kar, Suparna Mitra. International Journal of Innovative Research and Review 2014; 2(4):110-3.
3. Glutamine: Present And Future. Authors: Rajat Choudhuri, **Dhiman Adhikari**, Subinay Chaule. International Journal of Basic and Applied Medical Sciences 2014;4(3):84-6.
4. Effect of ondansetron on the analgesic efficacy of tramadol used for postoperative analgesia: a randomized controlled study. Authors: 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.
5. A comparative study of effects of standard and low dose intrathecal bupivacaine to find out correlation between age and haemodynamic changes as well as on early ambulation in patients undergoing transurethral resection of prostate. Authors: Sampa Dutta Gupta, A K Singh, **Dhiman Adhikari**, Sudeshna Bhar Kundu, Sugata Pal, Sandip Sinha. International Research Journal of Natural and Applied Sciences 2015; 2(8)
6. Anaesthesiology – as a career in the view of new postgraduate students pursuing this subject. Authors: 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.
7. Laparoscopic bilateral adrenalectomy in a patient of Cushing Disease due to pituitary microadenoma: a Challenge for the Anaesthesiologist. Authors: **Dhiman Adhikari**, Sandip Kar, Rajat Choudhuri, Gargi Nandy, Jisnu Nayak, Shalini Choudhury. La PrensaMedica 2015; 23:101-6.

Invited Speaker

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

Dr Mohona Mukherjee

Invited Speaker

In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R, Topic: Oxygen therapy

Dr Suchismita Pal

Publications

1. 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
2. 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
3. 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

In Annual Post Graduate Assembly organized by Department of Anaesthesiology, IPGME&R, Topic: Defibrillator

Dr Amrita Roy

Publications

1. 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.
2. 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.
3. Button battery ingestion with different outcome: two case reports from a tertiary care hospital. Suman Sarkar, **Amrita Roy**, Anirban Chatterjee, Bidhan Chandra Roy, Sandip Mondal, Kausik Pramanik. Journal of Paediatric Sciences 2015;7:e248. DOI:10.17334/jps.22252.
4. 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.
5. 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 Mondal

Publications

1. 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 Mondal**, Swapnadeep Sengupta. Indian Journal of Pain 2015; 29(2):86-90.
2. A study of the LMA C-TRACH™ 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 Sciences2015; 4(65): 11328-11334.
3. 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)

4. Effects of intrathecal hyperbaric ropivacaine versus hyperbaric bupivacaine for lower limb orthopedic surgery. Somjit Chatterjee, Sarbari Swaika, Bikash Bisui, **Anamitra Mandal**, Jagabandhu Sheet, Swapnadeep Sengupta, Shakya Majumdar. *Anesthesia: Essays and Researches* 2014; 8(3):349-53.

Invited Speaker

In International Conference on Recent Advancement in Pain on 28-30 Aug 2015, Topic: Needle placement in head and neck procedure.

SERVICE INFORMATION

A. OPD (Anaesthesiology)

Number of patients attending OPD for Pre-anaesthetic check up: 15642

Number of patients attending Pain OPD: 54

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

S/N	Operation Theatres	Number of cases
1	Reduction OT	4028
2	ENT OT	2013
3	NPS OT	1003
4	BURNS OT	199
5	EYE OT	16
6	LIGATION OT	1129
7	MAIN OT (general surgery)	2677
8	MAIN OT (plastic surgery)	745
9	GYNAECOLOGY OT (elective + emergency)	1455+2803
10	EMERGENCY OT	4218
11	UROLOGY OT	1427
12	WOODBURN OT	2258
13	NEUROSURGERY OT	204
14	NEONATAL SURGERY OT	123
15	PAEDIATRIC SURGERY OT	1146
16	MRI SUITE	146

C. ITU:

Enlisted patients: 3824

Patients admitted + Transfer in: 217 + 422 (639)

Discharge + Transfer out: 47 + 314 (361)

Survival rate among admitted patients: 56.49 %

Number of patients discharged against medical advice: 17

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. Anubha Saha	MBBS, MD	Assistant Professor
Dr. Sanchita Roy	MBBS, DCH, MD	Assistant Professor
Dr. Baljit Kaur Nanrah	MBBS, DCH, MD	Assistant Professor
Dr. Prerana Aggarwal	MBBS, MD	Assistant Professor
Dr. Iman Sinha	MBBS, MD	Assistant Professor
Dr. Aipta Bhattacharya	MBBS, D.O, 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. Vishwa Prakash Das	MBBS	Demonstrator
Dr. Soumali Biswas	MBBS, MD	Demonstrator
Dr. Sarbajit Mazumder	MBBS	Demonstrator (on detailment)

One Assistant Professor has been transferred and one Assistant Professor has resigned from service. One Assistant Professor and one Demonstrator have joined in 2015.

Postgraduate (MS Anatomy) Trainees

Name of the PGT	Year	Session
Dr. Subhajit Halder	Outgoing year	2012 - 2015
Dr. Panchali Som	3rd year	2013 - 2016
Dr. Anwesa Pal	3rd year	2013 - 2016
Dr. Rajarshi Roy	3rd year	2013 - 2016
Dr. Subhadip Bharati	3rd year	2013 - 2016
Dr. Sunipa Ganguly	3rd year	2013 - 2016
Dr. Raag Reeti	2nd year	2014 - 2017
Dr. Neeladri Ghosh	2nd year	2014 - 2017
Dr. Rajarshi Datta	2nd year	2014 - 2017
Dr. Moumita Chatterjee	2nd year	2014 - 2017
Dr. Suhit Sammaddar	2nd year	2014 - 2017
Dr. Subhra Bakshi	1st year	2015 - 2018
Dr. Kakali Halder	1st year	2015 - 2018
Dr. Prasanta Chakraborty	1st year	2015 - 2018

Medical Technologists (Laboratory): Mr. Subhasish Chatterjee
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 and practical teaching programme for undergraduate and 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 are ongoing.
- Regular endoscopic study and temporal bone dissection on the fresh cadaver done by the faculty and PGTs of ENT department in a special separate dissection hall in the department.
- Undergraduate and postgraduate Seminars, micro-teaching & journal club discussion are conducted routinely.
- Research guidance is provided to PGT students by the senior teachers of the departments.
- Regular research activity undertaken by both teachers and PGTs.
- Departmental meetings for academic and research upgradation / development are conducted regularly.

Service information

Continuous motivation for donation of dead bodies is carried out.

Developmental issues

Recently the department has been equipped with sixteen ozonizers to get rid of bad odor in the dissection hall.

Research publications by faculty and PGTs

- Ganguly S, Aggarwal P, Banerjee B, Datta I, Pal A. Measurements of distance and angle between the arytenoids in eastern Indian population and their applied importance. *Al Ameen J Med Sci* 2015; 8: 11-5.
- Roy S, Tapadar A, Kundu R, Ghosh S, Halder A. Cytogenetic variations in a series of cases of Down syndrome, *J Anat Soc India* 2015; 64(1): 73-8.
- Basu R, Sinha I. 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. *Al Ameen J Med Sci* 2015; 8: 55-63.
- A Saha, A sarkar, S Mandal. Body donation after death - The mental setup of educated people. *J Clin Diag Res* 2015; 9: AC5-9.
- Sarkar A, Saha A, Roy S, Pathak S, Mondal S. A glimpse towards the vestigiality and fate of human vermiform appendix - a histomorphometric Study. *J Clin Diag Res* 2015; 9: AC11-5.
- Roy D. A study of Mulerian duct anomaly on reproductive age group. *J Evol Med Dent Sci* 2015; 4: 12143-51.
- Sinha I, Ghosal AK, Basu R, Datta I. Variations in the pattern of circle of Wiliis in human brain - a morphological study & review. *Al Ameen J Med Sci* 2014; 7: 13-9.
- Roy S, Kundu R, Medda S, Gupta A, Nanrah BK. Evaluation of proximal femur geometry in plain anterior-posterior radiograph in eastern Indian population. *J Clin Diag Res* 2014; 8: 1-3.

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. Variation of the height of arch of foot in sedentary working, non working & hard working, walking women of West Bengal; Dr. Subhajit Haldar.
 4. 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.
 5. Morphometric study of left coronary artery trunk; Dr. Sanchita Roy, Dr. Avanish Gupta, Dr. B. K. Nanrah, Dr. Ritaban Saha.
 6. A study on upper femur geometry in AP radiograph; Dr. Sanchita Roy, Dr. Avanish Gupta, Dr. B. K. Nanrah.
 7. Cerebral venous sinus thrombosis in case of antiphospholipid antibody syndrome; Dr. Prerna Aggarwal, Dr. Indra Dutta.
 8. A Study on the effect of systemic hypertension on retinal nerve fiber layer thickness in West Bengal; Dr. Alipta Bhattacharya et al.
 9. Study of facial morphology among Bengali speaking population of West Bengal; Dr. Subhadip Bharati, Prof. Asis Kumar Ghosal.
 10. Anatomical variations of the foramen magnum, occipital condyle, jugular tubercle and hypoglossal canal; Dr. Anwesa Pal, Dr. Indra Dutta.
 11. A study of the ligamentum flavum in relation to age and gender in asymptomatic persons and patients with low back pain- as measured using MRI; Dr. Panchali Som, Prof. Asis Kumar Ghosal.
 12. Assessment of length of 2nd and 4th digit in eastern Indian population and exploration off association of this ratio with developing polycystic ovarian syndrome; Dr. Rajarshi Roy, Dr. Rajib Kundu.
 13. Relationship between flat foot and obesity in boys and girls in eastern Indian population; Dr. Sunipa Ganguly, Dr. Indra Dutta.
 14. Morphometry of lumbar pedicle; Dr. Iman Sinha et al.
 15. Anatomical variations of nasal cavity and para-nasal 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.
 16. A morphometric study of the meniscus and cruciate ligaments of knee joints in cadavers; Dr. Rajarshi Dutta, Prof. Asis Kumar Ghosal.
 17. Determination of sex from the bony features of sacrum; Dr. Neeladri Ghosh, Dr. Indra Dutta.
 18. Estimation of human stature from the sum of the percutaneous length of tibia and fibula; Dr. Suhit Samaddar, Dr. Indra Dutta.
 19. Morphometric analysis of humerus; Dr. Moumita Chaterjee, Prof. Asis Kumar Ghosal.
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Bangur Institute of Neurosciences Neuroanesthesiology

Faculty

Dr. Amita Acharya DA, MD	Professor & Head
Dr. Sampa Dutta Gupta, MD, PFCC (Cardiac Anesthesia)	Professor
Dr. Saikat Neogi, MD, PDCC (Neuroanesthesia)	Assistant Professor
Dr. Indrani Mitra	Assistant Professor

Posts of Senior Resident and Clinical Tutors are currently vacant.

Neurointensive Care Unit: Medical Officers

Dr. Sujata Samaddar
Dr. Anish Da,
Dr. Prosanto Mandal
Dr. Rina Sarkar
Dr. Anjan Chowdhuri

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

Transfers & postings

- Prof. Sampa Dutta Gupta has been transferred to CTVS Department of NRS Medical College.

REGULAR ACADEMIC ACTIVITIES

- 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 institute of West Bengal.
- Regular class taken for Diploma in Critical Care students

Research works submitted as thesis topics/ Research ongoing

Thesis projects completed / ongoing in 2015

- Efficacy of transdermal buprenorphine patch on postoperative pain relief after elective spinal instrumentation
Dr. Pratibha Bhunia Guide: Prof. Sankari Santra Co-guide: Dr. Saikat Niyogi
- Role of dexmedetomidine in preventing postoperative shivering following craniotomy
Dr. Jisnu Nayak Guide: Prof. Amita Acharjee Co-guide: Dr. Jayonto Chakroborty
- Comparison of recovery characteristics between fentanyl–propofol and dexmedetomidine—propofol based anesthesia in supratentorial brain tumor surgery.
Dr. Priyobroto Sit Guide: Prof. Sankari Santra Co-guide: Dr. Rajasree Biswas.

- Comparison of incidences of postdural puncture headache after spinal anesthesia between 25 g Quincke and Whitacre spinal needle in cesarean section --- a prospective randomized double blind study.

Dr. Priyanka Mandal Guide: Prof. Amita Acharjee Co-guide: Dr. Indrani Mitra

- Comparison of endotracheal tube cuff pressure change between supine –prone and supine –knee chest position in lumbar disc surgery.

Dr. Arun Kumar Mandi Guide: Prof. Sankari Santra Co-guide: Dr. Jayanta Chakraborty

Proposed new thesis work

- 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 Neogi

SERVICE INFORMATION

OPD (Pain Clinic)

Number of patients attending OPD for Pain Clinic	448
Number of peripheral nerve blocks done	87

No. of operations done in the operation theatres of BIN: 1140 (Under GA) 35 (under LA)

Neurointensive care unit (NICU)

Number of patients admitted	396
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No. of endovascular coiling of intracranial aneurysm 26 (under GA)

Bangur 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. Alak Pandit	MD, DM	Associate Professor
Dr. Arijit Roy	MD, DM	Assistant Professor
Dr. Deb Sankar Guin	MD, DNB (Med), DM	Assistant Professor
Dr. Sankar Prasad Nath	MD, DM	Assistant Professor
Neurogenetic unit		
Dr. Anindita Joardar	MSc, PhD	Assistant Professor
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
Dr. Rina Mukherjee	MBBS	Medical Officer

Postdoctoral trainees (DM Neuromedicine) – Seven students per year

1st year DM Residents	2nd year DM Residents	3rd year DM Residents
Dr Subhdeep Banerjee	Dr. Dinesh Saini	Dr. Adreesh Mukharjee
Dr Jayanta Ghosal	Dr. Anurag Satpati	Dr. Barun Sen
Dr Apratim Chatterjee	Dr. Anjan Debnath	Dr. Debsadhan Biswas
Dr Sulagna Sahu	Dr. Anand Choudhari	Dr. Bhushan Joshi
Dr Mrinal Acharya	Dr. Sweety Tribedi	Dr. Ujjawal Roy
Dr Partha Ghorai	Dr. Urmila Das	Dr. Susanta Das
Dr Sumanta Sarkar	Dr. Kaushik Pan	Dr. Zakir Hossai

Senior Resident

- Dr. Satish Lahoti

CURRENT RESEARCH WORK

- **Epilepsy**
 - Evaluation of headache disorders in idiopathic epilepsy
 - Predictors of outcome in newly diagnosed epilepsy patients-a prospective study
- **Dementia**
 - A study on the caregiver burden of dementia in a tertiary care hospital with special reference to the correlation between caregiver burden and types and stages of dementia and behavioral and psychological symptoms of dementia
 - Comparison of frontal lobe behaviour in patient of cortical (bvFTD)v/s subcortical (PDD) dementia with emphasis on significant discriminating symptomology
- **Stroke**
 - Comparison of Clinico-radiological Profile of Posterior Circulation Strokes with anterior circulation stroke -

- Study from a Tertiary Care Centre in Eastern India
- Spontaneous IVH: clinical feature and etiological profile with special reference to DSA
- **Neuromuscular**
 - A study on clinical profile of Hirayama disease in a tertiary care hospital of Eastern India
 - Phrenic nerve conduction study in early stage of GB syndrome as a predictor of respiratory failure
 - Chronic polyneuropathy-clinical spectrum and etiological profile in tertiary care hospital
- **Movement Disorders**
 - The study of pulmonary function testing in the form of spirometric changes in idiopathic Parkinson Disease patients
 - Comparative study of clinical profile of young onset and adult onset Parkinson's Disease
- **Neurogenetics**
 - Clinical features of Huntington Disease and correlation of clinical features with genetic study in a tertiary care centre in Eastern India
 - Phenotypic and genotypic correlation of BMD
- **CNS Infections/Inflammations**
 - Meningoencephalitis clinical features and etiological profile
- **Collaborative work with the National Biogenomics Institute**

SERVICE INFORMATION

Attendance at OPD

	NEW	OLD
JAN	5113	3840
FEB	7005	6130
MAR	7988	6845
APR	7797	6437
MAY	9249	7110
JUN	8886	6940
JUL	8597	6350
AUG	9427	7535
SEPT	10506	8464
OCT	9077	7223
NOV	8572	6288
TOTAL	92217	73162

Emergency Department (Neuroemergency)

	Attendance	Admitted
April-September 2015	15527	2479 (15.9%)

In-patient

Total admission- 2176

- **Stroke**- 921 (42.38 %)
- **Metabolic Encephalopathy**- 44 (2.02%)
- **Metabolic**- Acquired- 27 (1.24%) Congenital- 5 (0.22%)
- **Wilson Disease**- 19 (0.87%)
- **Degenerative Dementia**- Alzheimer Disease- 3(0.14%) Others-41(1.88%)
- **Movement Disorder**- Parkinsonism- 43 (1.97%) Others- 39 (1.79%)
- **Infection Brain**-
 - Acute- 97 (4.46%)
 - Chronic- Tuberculosis 82 (3.76%) Fungal 2 (0.09%) Slow virus 1 (0.05%)
- **Demyelination**- Primary 32 (1.47%) Secondary 29 (1.33%)
- **Spinal Cord disease**- Acute 68 (3.12%) Chronic 30 (1.37%)
- **Neuromuscular**- 73 (3.35%)
- **Peripheral Neuropathy**- Acute 129 (5.92%) Chronic 69 (3.17%)
- **Muscle Disease**- 37 (1.7%)

- Seizure- 193 (8.86%)
- Optic Neuritis- 67 (3.07%)
- Orbital apex/ multiple cranial nerve- 36 (1.69%)
- SSPE (Subacute sclerosing panencephalitis)- 32 (1.47 %)

Special Clinics

Clinic	New	Old
Dementia	69	226
Epilepsy	107	1527
Headache	38	90
Genetic	95	302
Stroke	47	354
Movement Disorder	88	753
Botulinum toxin	99	399
Paediatrics	37	153
Neuromuscular	48	306
Total	628	4110

Total patients seen in special clinic: 4738

Electrophysiology laboratory performance in 2015

- EEG=6432
- EMG/NCV: 7560
- VEP/BAER: 3576
- VIDEO EEG : 252
- Polysomnogram (SG): 96
- PORTABLE EEG(SSKM/BIN INDOOR [ITU,ICU,CCU,NICU]):288

Report of Neurogenetic Unit, Neurology Dept. from December 2014 to November 2015

Number of patients who attended the genetic clinic – 512

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

Muscle Diseases
Duchene's Muscular Dystrophy – 131
Becker's Muscular Dystrophy – 53
Myotonic Dystrophy-I – 34
Spinal Muscular Atrophy – 24
Movement Disorders
Huntington's Disease – 43
Autosomal Dominant Ataxia; SCA1, SCA2, SCA3, SCA6, SCA12, DRPLA – 167
Autosomal Recessive Ataxia; Friedreich's Ataxia – 42

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

Projects running in the Neurogenetic Unit funded by State DST

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

Abstract Presentation

- Sarnava Roy, Anindita Joardar, Deb Sankar Guin, Goutam Ganguly. (2015). Deletional mutation analysis of SMN I gene for spinal muscular atrophy in West Bengal. Pedigen, 2015, Indian Academy of Pune branch on 13th Feb-15th Feb, 2015.

Publications

- Genetic study and clinical profile of DMD patients in neurology tertiary care centre in eastern India. Sadanand Dey, A. K. Senapati, A. Pandit, A. Biswas, D. guin, A. Joardar, S. Roy, G. Ganguly Indian Pediatrics, 2015, Vol. 52, 481-484.
- SCA6 in eastern India: Some new observation. Debabrata Pulai, Deb Shankar Guin, Kalyan B Bhattacharyya, Goutam Ganguly, Anindita Joardar, Sarnava Roy, Atanu Biswas, Alak Pandit, Arijit Roy, Asit Kumar Senapati. Ann Indian Acad Neurol., 2015. Accepted.

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 held at Agra, UP in October,2015 and presented papers.
- All second year residents participated in annual conference of Eastern regional conference of neuroscientist of Eastern India held at Siliguri, WB in November ,2015 and presented papers.
- The departments organized two seminars on stroke and EEG.
- For the first time, a new agent recombinant tissue plasminogen activator(r-TPA) have been injected in subjects with occlusive stroke in government hospital In WB and the patients have got excellent benefit and we plan to extend this pilot experience to help may other patients who visit our neuroemergency in future .

FURTHER NEED

We have applied to authorities for a dedicated ward for neurology patients at IPGMER/SSKM hospital for better patient care service in view of large number of admissible patients in neuroemergency.

Bangur Institute of Neurosciences

Neuroradiology

FACULTY AND STAFF

Faculty

1)	Dr. Satyendu Bikash Samanta DCh, MD	Professor & Head
2)	Dr. Kiran Shankar Saha MD	Professor (on detailment till its withdrawal on 05.06.2015)
3)	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 - 2
- 4) Sweeper - 1

FACULTY NEWS

- Dr. Tapan Dhibar has been elected President of Indian Radiological & Imaging association (W.B. Chapter) for the year 2015-16.
- 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

Publications during the year

- Intraosseous lipoma of the frontal bone :- CT – MRI discordance : Published in Pakistan Journal of Radiology in March 2015 by Dr. T. Dhibar and Dr. B. Bhattacharyya.

Thesis work completed

Session 2013 – 16, MD (Radiodiagnosis)

1. Dr. Sumit Majumder – HRCT scan evaluation of Temporal bone cholesteatoma and its correlation with preoperative findings. Guide – Dr. S. B. Samanta, Co-guide – Dr. B. Bhattacharyya.
2. Dr. Subhadip Saha – The role of CT scan in evaluation of osteomeatal complex anatomic variants in patients of chronic sinusitis. Guide – Dr. S. B. Samanta & Dr. B. Bhattacharyya.
3. Dr. Paramita Hota – Role of MRI in differentiating between typical and atypical Parkinsonian disorder. Guide – Dr. T. Dhibar.

Thesis work in progress

Session 2014 – 17, MD (Radiodiagnosis)

1. Dr. Mahua Ghosh, - Evaluation of sinonasal 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. K.S. Saha. Co-Guide – Dr. B. Bhattacharyya.

Session 2014 – 17, MD (Anatomy)

1. 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) :

1. Dr. Aditya Mantry – An observational study in neurosurgical patients admitted in ICU to measure optic nerve sheath diameter in suspected cases of raised ICP.
Co-guide – Dr. S.B. Samanta.

Academic programmes

- 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.
- 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 Govt. Institutions.
- N.B. Old 4 slice CT scanner worked till 10.01.2015. and it has been replaced by new 16 slice scanner since 09.11.2015.
- USG including Colour Doppler Study and Radiography including portable X-ray of patients of B.I.N.
 - DSA in a biplanar system is done for indoor patients of B.I.N. & SSKM Hospital.
 - CT & USG guided FNAC / Drainage procedures are also done regularly.

Performance during last one year (01.11.14. to 31.10.15.) :-

- CT Scan = 1492 cases.
- USG & Color Doppler = 1722 cases.
- X-ray (exposures) = 4716.
- DSA = 186 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 Iftekhhar 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

- Attended Skull Base Conference 8-11 October 2015 at Bangalore, NIMHANS and MS Ramaiah Convention Centre.
- Attended Annual Neurological Society of India Conference from 12-15 December 2014 at Coimbatore.
- Attended 4th Annual Conference of Neurological Surgeons Society of India 27-28 Feb -1 March 2015, Indore.
- Publication: Kumar B, Bannerjee C, Ghosh S N; Pneumocephalus following Dorsal Laminectomy – An Unusual Complication, AJNS_174_15.

Prof Anup Kumar Choudhuri

- Attended 17th Annual AIIMS Microneurosurgery Workshop in Neurosciences Centre AIIMS, New Delhi from 13 to 15 February 2015.
- Attended World Society of Stereotactic and Functional Neurosurgery Interim Meeting at Mumbai from 3-6 September 2015.

Prof Subhasis Ghosh

- Attended 17th Annual AIIMS Microneurosurgery Workshop in Neurosciences Centre AIIMS, New Delhi from 13 to 15 February 2015.
- Attended World Society of Stereotactic and Functional Neurosurgery Interim Meeting at Mumbai from 3-6 September 2015.
- 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 Annual Neurological Society of India Conference from 12-15 December 2014 at Coimbatore.
- Attended World Society of Stereotactic and Functional Neurosurgery Interim Meeting at Mumbai from 3-6 September 2015.

- Attended Eastern Zonal Neurosurgical CME at Puri.

Dr Amar Chandra Dhal

- Attended NSSA SPINE 2015 conference from the 18th to 20th September 2015 in Goa.
- Attended World Society of Stereotactic and Functional Neurosurgery Interim Meeting at Mumbai from 3-6 September 2015.
- Attended Annual Neurological Society of India Conference from 12-15 December 2014 at Coimbatore.

Dr. Shahid Iftekhar Sadique

- Attended NSSA SPINE 2015 conference from the 18th to 20th September 2015 in Goa.
- Attended World Society of Stereotactic and Functional Neurosurgery Interim Meeting at Mumbai from 3-6 September 2015.

Dr. Srikrishna Majhi

- Attended NSSA SPINE 2015 conference from the 18th to 20th September 2015 in Goa
- Attended Neuroendoscopy Workshop at Jabalpur from Aug 31 to Sep 5 2015.

Dr. Gitanjali Dutta

- Attended Annual Neurological Society of India Conference from 12-15 December 2014 at Coimbatore.

POSTDOCTORAL TRAINESS (MCH RESIDENTS)

1st year	2nd year	3rd year
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. Pallav Agarwal Dr. Abhishek Singh Dr. Ritesh Nawkhare Dr. Shubhamitra Chaudhuri Dr. Aditya Mantry Dr. Maruti Pujari	Dr. Navdeep Malhotra Dr. Sarang Bakle Dr. Hiten Nayak Dr. Amit Jain Dr. Aditya Kesharwani Dr. Sagar Narayan Shahane Dr. Abhishek Shah Dr. Raghuvendra Kumar

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)

3rd Year PDT Thesis Topics

- Dr Navdeep Malhotra – Study Of Clinical Profile Of Intracranial Cystic Lesions and Their Management
- Dr Sarang Bakle – Coagulation Profile In Patients With Primary Brain Tumors
- Dr Hitendra Nayak – Quality of Life in Pre and Postop Lumbar Discectomy Patients
- Dr Amit Jain – Anterior Cervical Corpectomy In Cervical Degenerative Spine Disease
- Dr Aditya Kesharwani – Clinicopathological Study Of Neural Tube Defects
- Dr Sagar Narayan Shahane – Estrogen and Progesterone Receptor Status In Meningioma and Correlation With MIB-1 Labeling Index

- Dr Abhishek Shah – Clinical and Radiological Outcome of Decompressive Craniectomy in Severe Head Injury with Supratentorial Post Traumatic Hematoma
- Dr Raghuvendra Kumar – Role of Magnetic Resonance Spectroscopy For Prognosis Of Traumatic Brain Injury Patients

2nd 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 Pujeri – Lateral Mass Fixation In Subaxial Cervical Spondylosis

Conferences attended and papers published/presented by PDTs

Dr. Nikhil Talathi

- Attended 4th Annual Conference of Neurological Surgeons Society of India 27-28 Feb -1 March 2015, Indore.

Dr. Brajesh Kumar

- Published : Kumar B, Kumar H, Ghosh S; Intracranial Plasmacytomas Mimicking Epidural Hematomas And Revealed By Head Trauma; AJNS_180_14.
- Kumar B, Bannerjee C, Ghosh S N; Pneumocephalus following Dorsal Laminectomy – An Unusual Complication, AJNS_174_15.

Dr. Navdeep Malhotra

- Attended 6th ACNS Conference In Chitwan, Nepal.
- Attended CONCORD 2015, Annual Meeting Of Spinal Cord Society of West Bengal, August 2015.

Dr. Hitendra Naik

- Presented "Quality of Life In Lumbar Discectomy Patients, A Prospective Study" at CONCORD 2015, Annual Meeting Of Spinal Cord Society of West Bengal.
- Presented "Traumatic Basal Ganglial Stroke In Paediatric Age Group – A Review Of Literature" at 5th Asian Australasian Society Of Neurological Surgeons Neurotrauma Committee Jaipur.

Dr. Amit Jain

- Attended Neuro Spine Workshop in Nov 2014 at CMRI Kolkata.
- Attended NeuCon – Controversies To Consensus In Neurology, September 2015 Kolkata.
- Attended Medica Live Workshop Kolkata August 2015.
- Attended CONCORD 2015, Annual Meeting Of Spinal Cord Society of West Bengal, August 2015.
- Attended WFNS Skull Base Neuroendoscopy Workshop In AIIMS New Delhi in 2015.

Dr. Sagar Narayan Shahane

- Attended 17th Annual AIIMS Microneurosurgery Workshop in Neurosciences Centre AIIMS, New Delhi from 13 to 15 February 2015.
- Attended CONCORD 2015, Annual Meeting Of Spinal Cord Society of West Bengal, August 2015.

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 Makhhan 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, Prof Chhanda Dutta and Prof Uttara Chatterjee, Dept of Pathology (awaiting final approval).

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 (01/11/2014 to 31/10/2015)

- OPD Attendance At BIN - 76803
 - Indoor Admissions At BIN – 1405
 - Operations Done At BIN - 1206
 - Emergency Admissions At SSKM - 4709
 - Emergency and Elective Operations at SSKM – 1709
 - Diagnostic Cerebral Digital Subtraction Angiography – 48 (Under supervision of Neuroradiology Dept)
 - Angiointervention In Cerebral Aneurysms/AVM/AVF – 7 (Under supervision of Neuroradiology Dept)
-

Bangur Institute of Neurosciences Biochemistry

Faculty

Dr. Gargi Sen

Assistant Professor & Head

Number of tests done during the period Jan, 2015 – Oct, 2015

Month	Total number of tests
Jan	6400
Feb	6874
Mar	6890
Apr	7415
May	7498
Jun	6890
Jul	5029
Aug	6591
Sep	6601
Oct	6927
Total	67215

Bangur Institute of Neurosciences Pathology

Faculty

Dr. Suhridd Misra

Professor & Head

Number of tests done during the period Jan, 2015 – Oct, 2015

Month	Blood R/E	Complete hemogram	MP	ESR	BT-CT	Urine R/E	Stool R/E	Sputum	CSF
Jan	557	127	7	684	27	46	9	5	55
Feb	558	117	8	675	23	56	11	3	37
Mar	502	131	13	633	25	38	8	2	53
Apr	528	126	14	654	26	43	7	0	48
May	569	119	25	688	23	42	5	1	67
Jun	551	128	27	679	25	37	3	3	64
Jul	523	131	35	654	21	41	6	3	57
Aug	536	125	38	661	23	43	6	1	56
Sep	550	135	33	685	24	45	5	2	50
Oct	425	129	25	554	28	28	4	2	54
Total	5299	1268	225	6567	245	419	64	22	541

Month	Other Fluids	Gram stain	AFB	Fungal	FNAC	Mantoux	RA	ANF	Biopsy	Total
Jan	2	57	57	55	1	19	11	11	0	1787
Feb	0	37	38	37	2	17	13	13	0	1645
Mar	0	53	55	53	5	21	9	9	0	1608
Apr	0	48	52	48	8	23	11	11	0	1647
May	1	68	70	67	4	22	14	14	0	1799
Jun	0	64	64	67	2	23	13	13	0	1737
Jul	0	57	58	57	3	17	12	12	0	1687
Aug	0	56	56	56	2	25	13	13	0	1710
Sep	0	50	51	50	2	23	9	9	0	1733
Oct	0	54	54	54	4	22	7	7	10	1461
Total	3	544	555	544	33	212	112	112	10	16814

Biochemistry

FACULTY AND STUDENTS

Dr. Mousumi Mukhopadhyay	MBBS,MD	Professor & Head
Dr. Debasish Mandal	MBBS,MD	Associate Professor
Dr. Subhramay Chatterjee	MBBS,MD	Assistant Professor
Dr. Debasmita Bandyopadhyay	MBBS,MD	Assistant Professor
Dr. Sharmistha Choudhuri	MBBS, MD	Demonstrator

Postgraduate trainees

Session 2013-16	Session 2014-17	Session 2015-18
Dr Aparajita Dhar	Dr. Suparba Chakrabarti	Dr Debasish Mandal
Dr Tapan Kr Sinha Roy	Dr. Ananya Kundu	Dr Ananya Saha
Dr Anchala Kumari	Dr. Chandramallika Paul	Dr Nilabja Das
Dr Sukanta Das	Dr. Sabyasachi Sarkar	Dr Swati Paul
Dr Ujjwal Bera	Dr. Indrajyoti Sarkar	Dr Sunita Biswas
Dr Debashree Roy	Dr. Anindya Prakash Ghosh	Dr Ananya Roy
Dr Neha Karar	Dr. Bablu Saren	Dr Sk Sariful Islam

PhD research scholars

- Mr. Jit Poddar
- Mrs. Upasana Ganguly

CONFERENCES AND WORKSHOPS ATTENDED

- AMBICON, 2015, Kolkata, India- Attended by all faculty members and post-graduate trainees.
- Pre-conference workshop on DNA isolation, AMBICON 2015, Kolkata, India - Attended by all post-graduate trainees.
- Second position in State level Quiz secured by Post-graduate trainees (Dr. Debashree Roy, Dr. Neha Karar, Dr Ananya Kundu and Dr. Chandramallika Paul) in AMBICON 2015.
- ACCLMPCON 2014, Kolkata, India- Attended by all faculty members and post-graduate trainees.
- ACCLMPCON 2015, Kolkata, India- Attended by all faculty members and post-graduate trainees.

PUBLICATIONS

- Sinha Roy M, Deb N and Mukhopadhyay M. Clinical laboratory approach in a case of congenital erythropoietic porphyria. Gomal Journal of Medical Sciences Vol. 10 (2):2012; 253-56
- Dutta AK. A new PCR-RFLP method for diagnosing PNPLA3 rs738409 polymorphism. Webmed Central Genetics. 2012; 3:WMC002928
- Dutta AK, Saha S, Chatterjee S, Datta S. A dilemma in diabetes. Webmed Central Endocrinology. 2012; 3:WMC003021
- Chatterjee S, Datta AK, Saha S. Iodine deficiency disease is not endemic in women of child bearing age in Kolkata. Int. J. Med. Biochem. 2012; 23:234-8
- Mandal D. Study of susceptibility of LDL to oxidative stress in smokers. Indian Medical Gazette
- Saha S. Dutta AK, Chatterjee S, Sengupta S, Ghosh M. Relationship of two major metabolic risk factors with severity of depression. Ind. J. Med. Biochem. 2012.
- Basu P, Bandyopadhyay D. Estimation of serum prolactin levels in patients with primary hypothyroidism. BCAIJ. 2013. 7 (4): 162-5

- Primary hyperparathyroid due to bilateral parathyroid adenoma-a clinical case report. 2014; 6 (1): 95-100.
- Choudhuri S. A repertoire of biomarkers helps in detection and assessment of therapeutic response in epithelial ovarian cancer. J. Molecular Biochemistry. 2014.
- Bir A, Sen O, Anand S, Khemka VK, Banerjee P, Cappai R, Sahoo A, Chakrabarti S. α -synuclein-induced mitochondrial dysfunction in isolated preparation and intact cells: Implications in the pathogenesis of Parkinson's disease. J Neurochem. 2014 Dec;131(6):868-77.
- Banerjee K, Munshi S, Sen O, Pramanik V, Mukherjee TR, Chakrabarti S. Dopamine cytotoxicity involves both oxidative and non-oxidative pathways in SH-SY5Y cells: potential role of alpha-synuclein overexpression and proteasomal inhibition in the etiopathogenesis of Parkinson's disease. Parkinson's Disease. 2014: 878935.
- Khemka VK, Ganguly A, Bagchi D, Ghosh A, Bir A, Biswas A, Chattopadhyay S, Chakrabarti S. Raised serum proinflammatory cytokines in Alzheimer's disease with depression. Aging Dis. 2014;5(3):170-6.
- Khemka VK, Bagchi D, Bandyopadhyay K, Bir A, Chattopadhyay M, Biswas A, Basu D, Chakrabarti S. Altered serum levels of adipokines and insulin in probable Alzheimer's disease. J Alzheimers Dis. 2014;41(2):525-33.
- Banerjee P, Sahoo A, Anand S, Ganguly A, Righi G, Bovicelli P, Saso L, Chakrabarti S. Multiple Mechanisms of Iron-Induced Amyloid Beta-Peptide Accumulation in SHSY5Y Cells: Protective Action of Negletein. Neuromolecular Med. 2014;16(4):787-98.
- Chatterjee S, Mukhopadhyay M. Assessment of the inter-relationship of circulating nitrite and nitrate ratio with the female sex steroids in different phases of menstrual cycle in female of reproductive age group. Gomal Journal of Medical Sciences. Vol 13:2015.
- Das M, Ray Chowdhury P, Mondal BC, Mitra S, Bandyopadhyay D and Pramanik S. Assessment of serum magnesium level and its outcome in neonates of eclamptic mothers treated with low dose magnesium sulphate regime. Ind. J. of Pharmacology. 2015.

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.
- Journal club and seminars
- Thesis / Dissertation of MD and PhD students and regular project work.
 - Thesis submitted by 7 MD students in 2015.

SERVICE INFORMATION

Census of tests done in last year (as on 30.11.2015)

General tests

Test	Count
1. Alkaline Phosphatase	16,423
2. Albumin	8,154
3. Amylase	2,415
4. Bun (Urea)	46,134
5. Biluribin	18,867
6. Creatinine	45,230
7. Calcium	4,489
8. Cholesterol	19,672
9. Direct HDL	18,554
10. Direct LDL	7,598
11. fT3	1,670
12. fT4	4,081
13. FSH	2,192
14. Na+ K+ Cl-	58,800
15. TG	24,672
16. Ca	2,405
17. Total Protein	17,106
18. HBA1C	2026
19. Prolactin	2,210
20. S.G.O.T	14,006
21. S.G.P.T	18,950
22. Sugar	79,380
23. T3	5,820
24. T4	6,984
25. TSH	9,580
26. Micro Albumin	3,088
27. 24hrs Protein	2,790
28. Uric Acid	20,048
29. LH	2,548

Special tests

Test	Count
30. CA 125	991
31. CA 15.3	382
32. CA 19.9	31
33. CEA	313
34. PSA	1610
35. Protein electrophoresis	84
36. 25 (OH) Vitamin D3	93
37. Serum Fe	259
38. TIBC	259
39. Transferrin saturation	259
40. Ferritin	119

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. Sarbajit Ray	MD	Demonstrator
Dr. Sribas Roy	MBBS	Demonstrator
Dr. Afifa Ahamed	MBBS	Demonstrator
Dr. Murari Mohan Mondal	MD	Demonstrator
Dr. Abhishek De	DPH,MD	Demonstrator:

FACULTY NEWS

Prof. Raghunath Misra

Academic activity

- Acted as Convener of MBBS 3rd Professional Part I Examination.2015 in Community Medicine at IPGME&R, Kolkata from 05.01.15 to 08.01.15.
- Acted as External Examiner of MD in Community Medicine Examination 2015 at Assam Medical College, Dibrugarh, Assam from 18.05.15 to 20.05.15.
- Acted as Adjudicator of three dissertations, submitted in connection with MD in Community Examination of the West Bengal University of Health Sciences in the month of January, 2015.
- Acted as Adjudicator of two dissertations, submitted in connection with MD in Community Examination of the West Bengal University of Health Sciences in the month of September, 2015
- Acted as Adjudicator of thesis, submitted for the award of Ph.D. degree by Lalit Narayan Mithila University, Darbhanga in the month of January 2015
- Acted as Adjudicator of thesis, submitted for the award of Ph.D. degree by Lalit Narayan Mithila University, Darbhanga in the month of May 2015
- Acted as Adjudicator of three dissertations, submitted in connection with MD in Community Medicine Examination 2015 at Assam Medical College, Dibrugarh, Assam
- Acted as Adjudicator of thesis, submitted for the award of Ph.D. degree by Banaras Hindu University, Varanasi
- Acted as centre-in-charge MBBS 2nd Professional Examination (Theory) of the West Bengal University of Health Sciences in the month of December, 2014.
- Acted as centre-in-charge BAMS 1st Professional & 2nd Professional Examination (Theory) of the West Bengal University of Health Sciences in the month of September, 2015.
- Reviewer of 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.
- Acted as Paper-setter for MBBS 3rd Professional Part 1 examination in community Medicine of the West Bengal University of Health Sciences
- Acted as Paper-setter for MD in Community Medicine examination 2015 in the West Bengal University of Health Sciences
- Acted as Paper-setter for MBBS 3rd Professional Part 1 examination in community Medicine of the West Bengal University of Health Sciences
- Acted as Paper-setter for MBBS 3rd Professional Part 1 examination 2015 in community Medicine of the Srimanta Sankaradeva University of Health Sciences, Assam.
- Acted as an 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.

- Guided the post Graduate students for the statistical analysis of their dissertation work.
- Member of Maternal Death Review Committee of IPGME&R

Research activity

- Acting as Co-Principal Investigator of National Mental Health Survey in West Bengal
- Organized eight short term project by involving undergraduate students during the year 2015.

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 sentinel Surveillance.

Organized and acted as a **Resource person in the Training- cum – Sensitisation workshop on BMW and PEP for PGTs and Junior Doctors of IPGME&R**

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

- Worked as Organizing Chairperson of 31st Annual State Conference of IAPSM (WB) Chapter (IAPSM WB CON 2015) on 27.03.2015 and 28.03.2015 at IPGME&R, Kolkata
- Acted as chair-person of the session on the IAPSM Research Grant presentation, Public Health Challenges of Swine Flue during 31st Annual State Conference of IAPSM (WB) Chapter (IAPSM WB CON 2015) on 27.03.2015
- Organised and acted as a panellist of the World Population Day Celebration by IPHA, Head Quarter at IPGME&R, Kolkata on 11th July, 2015
- Participated and acted as a member of the organizing Committee of World Congress on Public Health organised by IPHA, Head Quarter from 11th -14th February, 2015 at Science City, Kolkata
- Acted as Chair-person of the sessions on Tuberculosis and Leprosy in World Congress on Public Health organised by IPHA, Head Quarter from 11th -14th February, 2015 at Science City, Kolkata
- Acted as a member of the organizing committee of IPGME&R/ SSKM inauguration day on 16.01.2015 at IPGME&R.
- 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).
- Organised and acted as Chair-person of CME on Clinical Trial organized by IAPSM on 11.03.2015 at IPGME&R
- Attended Masterclass on Dizziness and Vertigo on 27.05.2015 at Hotel The Park organized by BMJ Masterclasses.
- Attended Eye Donation Fortnight on 03.09.2015 at IPGME&R.
- Attended World Stroke Day on 29.10.2015 at IPGME&R organized by Neurology Department.
- Organised a sensitization workshop on Dengue, Malaria and AES/JE on 01.10.2015 at IPGME&R.
- Attended State Conference of IPHA at NRS Medical College on July, 2015

Publications

1. Health Related Quality of Life and its Predictors among Bengali Thalassaemic Children Admitted in Tertiary Care Hospital: Saha R., **Misra R.**, Saha I. Indian Journal of Paediatrics October 2015; 82 (10) 909-916
2. **Misra R**: World population day 2015: issues and challenges in India. Journal of Comprehensive Health July 2015; 3(2) P 6-15
3. Sarkar A.P,, Dr. Tushar Kanti Mondal T.K., Shivam S, Thakur R.,, Ghosh S, **Misra R.**: Socio-demographic characteristics of poisoning cases in a tertiary care level hospital of West Bengal Indian Journal of Basic and Applied Medical Research; March 2015: Vol.-4, Issue- 2, P. 476-482
4. Bhattacharya A, Basu M, Chatterjee S, **Misra R**, Chowdhury G. Nutritional Status and Morbidity Profile of School Going Adolescents in a District of West Bengal. Muller Journal of Medical Sciences and Research Jan-June 2015; 6(1):10-15.
5. Shivam S., Roy R.N, Dasgupta S., Bhattacharyya K.D.,**Misra R.**, Roy S, Saha I,: Nursing Personnel Planning for Rural Hospitals in Burdwan District, West Bengal, India, Using Workload Indicators of Staffing Needs Journal of HEALTH POPUL NUTR 2014 Dec;32(4):658-664

6. Bandyopadhyay B Chakraborty D, Ghosh S, **Misra R**, RahmanM, BhattacharyaN , AlamS, Amitabha Mandal A, Das A, Mishra A, MishraAK, Kumar A, Haldar S, Pathak T, MahapatraN, Mondal DK, Maji D and Basu N : Epidemiological Investigation of an Outbreak of Acute Encephalitis Syndrome (AES) in Malda District of West Bengal, India Clin Microbial 2014, 4:181
7. Pal B, Roy S, **Misra R**, Basu M, Chatterjee S. Mobile Phone Usage Pattern among Undergraduate Medical Students of a Medical College of Kolkata, West Bengal. Turkish Journal of Public Health. 2014;12(3) P.178-186
8. Saha R, Sarkar AP, Saha I, **Misra R**, Dasgupta S,Chatterjee S. The status of Birth Preparedness and Complication Readiness among Rural Indian Mothers. International Journal of Public Health Research 2014,4(2).510-518.
9. Ghosh S, Bandyopadhyay S, Bhattacharya S, **Misra R**, Das S:Quality of life of older people in an urban slum of India Psychogeriatrics 2014:14: 241-246
10. **Basu M**, Sarkar K, Shahbabu B, Ray S, Chatterjee S, Sinha D, **Misra RN**. Pattern and Determinants of Overweight and Obesity among Medical Students of Kolkata. International Journal of Pharmaceutical Sciences and Research. IJPSR/RA-5794/07-15 .Accepted.

Dr. Sita Chatterjee

Academic activity

- Internal Examiner of Final Professional MBBS (Part I) 2015 of WBUHS.
- Thesis Guide of PhD of M. Sc Nursing Student

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 State Conference of IPHA at NRS Medical College on July, 2015 Attended State Conference of Geriatric Medicine on 11th September, 2015 at IPGME&R Kolkata
- Organised Inter College Quiz Competition organised by IAPSM WB Chapter at IPGME&R on 7th September, 2015
- Attended World Congress on Public Health organised by IPHA State Branch from 11th -14th February, 2015 at Science City, Kolkata. Attended IPGME&R/ SSKM inauguration day on 16.01.2015 at IPGME&R.
- 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 CME on Clinical Trial organized by IAPSM on 11.03.2015 at IPGME&R
- Attended regularly Clinical meeting of the Academy of Geriatrics .
- Organized and attended World Population Day 2015 on 11.07.2015 at IPGME&R organized by IPHA,HQ.
- Attended Insulin Discovery Day on 30.07.2015 at Rabindra Sadan organized by Diabetic association of India, West Bengal chapter.
- Organised Inter College Quiz Competition organised by IAPSM WB Chapter at IPGME&R on 7th September, 2015

Publications

1. Basu M, **Chatterjee S**, Roy S, Chowdhury G. Utilization of ante natal care services and it's determinants by women admitted in a tertiary care hospital of Kolkata. **Saudi J Health Sci** 2015;4:92-8.
2. **Chatterjee S**, Mondal TK, Sarkar K, Shahbabu B, Sarkar I, Barik G, Basu M. Assessment of Hand Hygiene Knowledge among Medical Students at a Teaching Hospital of India. **Sch. J. App. Med. Sci.** 2015;3(6C):2334-2339.
3. Pal B, Roy S, Misra RN, Basu M, **Chatterjee S**. Mobile Phone Usage Pattern among Undergraduate Medical Students of a Medical College of Kolkata, West Bengal. Turkish Journal of Public Health. Accepted for publication.

Dr. Mausumi Basu

Academic activity

- Worked as internal examiner of 3rd professional part I examination at CMC on 05.01.2015 to 11.01.2015.
- Delivered 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 on
- Worked as Observer for the West Bengal Post Graduate Medical Admission Test-2015 (WBPGMAT-2015) on 01.02.2015 at Institute of Engineering and Management, Ashram Campus, Sector V.
- Delivered lecture on "Nutrition & Health Care of Pregnant & Lactating mothers" on 04.02.2015 at AIIH&PH, Salt Lake, for TOT of CDPOs organized by CFNEU, Kolkata, Food & Nutrition Board, Min. of WCD,GOI.

- Worked as Observer of Joint Entrance Examination (WBJEEM-2015) on 05.05.2015 and 06.05.2015.
- Worked as Observer for the entrance test – EVETS-2015 for admission to Bachelor Degree Course of Veterinary Science and Animal Husbandry(B.V.Sc & A.H.) in West Bengal on 30.05.2015.
- Academician to conduct a multicentric study on the Substance use pattern among medical students of West Bengal by IPHA, HQ On 11.07.2015.
- expert in INCLEN-ICMR National and Regional Research Priority Setting Exercise in Maternal, Newborn, Child Health and Nutrition (MNCHN) for the next decade using the CHNRI methodology and completed the Final step survey to determine the research priorities on 29.07.2015.
- Nodal officer of Supportive Supervision of SOP of STI/RTI from 20.08.2015 at IPGME&R.
- Conducted sensitization workshop on Dengue, Malaria and AES/JE on 01.10.2015 at IPGME&R.
- Member in the Reviewer Board of the Indian journal of Forensic and Community Medicine (IJFCM) from 13.10.2015.
- Member in the Reviewer Board of the Journal of Preventive Medicine and Holistic Health (JPMHH) from 13.10.2015.
- Work as Editorial Team at PlexusMD(India's leading professional network for doctors, and extend an invitation on their behalf to BMJ Awards Nominees to be a member of their Editorial team)of BMJ from 21.10.2015.
- Elected as Member of the National Academy of Medical Sciences (India) in the year 2015 in recognition of significant contribution for the advancement of Medical Sciences at AIIMS Patna on 17.10.2015.

Meetings, conferences, CMEs, workshops and seminars attended

- Worked as Organizing Secretary of 31st Annual State Conference of IAPSM (WB) Chapter (IAPSM WB CON 2015) on 27.03.2015 and 28.03.2015 at IPGME&R.
- Participated as delegate in NAMS National Symposium on “ Maternal & Child Health: Up to and Beyond 2015” held on 16.10.2015.
- Attended IPGME&R/ SSKM inauguration day on 16.01.2015 at IPGME&R.
- 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 CME on Clinical Trial organized by IAPSM on 11.03.2015 at IPGME&R
- Organized and attended World Population Day 2015 on 11.07.2015 at IPGME&R organized by IPHA,HQ.
- Attended Insulin Discovery Day on 30.07.2015 at Rabindra Sadan organized by Diabetic association of India, West Bengal chapter.
- Attended CME on Diabetes Gastroparesis on 30.08.2015 organized by IMA Corporate Branch.
- Attended Eye Donation Fortnight on 03.09.2015 at IPGME&R.
- Attended Training on Curriculum Design and Evaluation from 07.09.2015 to 11.09.2015 at Institute of Health and Family Welfare.
- Attended Workshop on ICD-10 and ICF on 22.09.2015 at CNMC organized by CBHI, Bhubaneswar.
- Attended Workshop on Rational Use of Drugs on 24.09.2015 at IDBG hospital
- Attended Pre conference symposium of ITSCON 2015on 02.10.2015 organized by Endocrine Society of Bengal.
- Attended ITSCON 2015 on 03.10.2015; 04.10.2015 organized by Endocrine Society of Bengal.
- Attended 7th Annual State Conference of The Indian Academy of Geriatrics, W.B. Chapter on 09.10.2015 at IPGME&R.
- Attended Scientific Sessions at the 55th Annual Conference of National Academy of Medical Sciences (NAMS) from 16.10.2015 to 18.10.2015.
- Attended World Stroke Day on 29.10.2015 at IPGME&R organized by Neurology Department.
- Attended World Diabetes Day on 14.11.2015 organized by RSSDI WB.
- Attended Incretin Learning & Excellence Academy for Diabetes on 15.11.2015 organized by ILEAD-SAFES.

Training activity

- Attended **training on ICD-10 & ICF** from 10.08.2015 to 14.08.2015 at Hotel Kalinga Ashok, Bhubaneswar Organized by ROHFW, CBHI.
- Trained on **A-Z of Sleep Disorders-Case Based Learning** on 03.05.2015 at Oberoi Grand organized by ACE School of Sleep Medicine.
- Trained on **TOT on FIC(ICD-10 & ICF)** from 10.08.2015 to 14.08.2015 at Hotel Kalinga Ashok, Bhubaneswar organized by FSU/CBHI,ROHFW, Bhubaneswar.
- Trained on **Curriculum Design and Evaluation** from 07.09.2015 to 11.07.2015 at Institute of Health and Family Welfare, New Delhi.

Regional Trainer of Family of International Classifications (ICD-10 & ICF)

Publications:

1. Chakraborty D, Banerjee S, Maji D, Dey TK, Mondal P, **Basu M**. A Descriptive Study of Japanese Encephalitis in West Bengal, India, Based on Surveillance Data: Changing Pattern Observed in Recent Years. **Sch. J. App. Med. Sci.** 2015; 3(1E):320-328.
2. **Basu M**, Chatterjee S, Roy S, Chowdhury G. Utilization of ante natal care services and it's determinants by women admitted in a tertiary care hospital of Kolkata. **Saudi J Health Sci** 2015;4:92-8.
3. **Basu M**, Das P, Chowdhury G. Introducing integrated teaching and comparison with traditional teaching in undergraduate medical curriculum: A pilot study. *Medical Journal of Dr. D.Y. Patil University* 2015;8(4):431-438.
4. **Basu M**. A Study on Knowledge, Attitude and Practice about Thalassemia among General Population in Out Patient Department at a Tertiary Care Hospital of Kolkata. *Journal of Preventive Medicine and Holistic Health* 2015;1(1):5-12.
5. Roy N, **Basu M**, Das S, Mandal A, Dutt D, Dasgupta S. Risk factors associated with default among tuberculosis patients in Darjeeling district of West Bengal, India. *J Family Med Prim Care* 2015;4:388-94.
6. Chatterjee S, Mondal TK, Sarkar K, Shahbabu B, Sarkar I, Barik G, **Basu M**. Assessment of Hand Hygiene Knowledge among Medical Students at a Teaching Hospital of India. **Sch. J. App. Med. Sci.** 2015;3(6C):2334-2339. 2.
7. Das P, **Basu M**, Chowdhury G. Study on Participatory Learning among MBBS Students in a Medical College of West Bengal, India. *Scholars Academic Journal of Pharmacy*.SAJP-86-2015. Accepted.
8. **Basu M**, Sarkar K, Shahbabu B, Ray S, Chatterjee S, Sinha D, Misra RN. Pattern and Determinants of Overweight and Obesity among Medical Students of Kolkata. *International Journal of Pharmaceutical Sciences and Research*. IJPSR/RA-5794/07-15 .Accepted.
9. Mitra (Chaudhury) S, **Basu M**, Paul BK, Maji D, Dey KK, Chakraborty D. Silicosis among workers in a stone-crushing factory: a clinic-based retrospective cohort study. *International Journal of Preventive and Public Health Sciences (IJPPHS)*. Accepted

Dr. Tushar Kanti Mondal

Academic activity

- Acted as external examiner at Darbhanga Medical College from 5th -8th January 2015.

Meetings, Conferences, CMEs, Workshops and Seminars attended

- Attended Annual State Conference (BIMACON) organised by IMA Burdwan on 31st January to 1st February, 2015
- Attended Asian Gastroenterology Conference (IBS) at New Delhi on 5th-7th February, 2015
- Attended World Congress on Public Health organised by IPHA State Branch from 11th -14th February, 2015 at Science City, Kolkata.
- Organised 31st annual Conference of IAPSM WB Chapter on 27th and 28th March 2015 at IPGME&R, Kolkata
- Attended IPHA Annual State Conference at NRS Medical College on 11.4.15
- Attended APICON 2015 organised by Association of Physicians of India North Bengal Chapter from 6th-7th June, 2015 at Siliguri
- Attended JIMACON organised by Journal of Indian Medical Association on 25th & 26th July, 2015 at R G Kar Medical College
- Attended the Annual Geriatric Conference (WB Chapter) organised by Indian Academy of Geriatrics at IPGMER on September 2015
- Attended ITSCON organised by Indian Thyroid Society on October 2015 at ITS Sonar
- Attended Annual State Conference organised by Cardiological Society of India, State Branch on 31st October-1st November, 2015 at Hyatt Hotel, Kolkata
- Attended Annual state Conference organised by API on 7th-8th November, 2015 at Hyatt Hotel, Kolkata
- Attended World Diabetic Day Program held on 14th November, at Taj Bengal, organised by Diabetic Association of India, West Bengal Branch
- Attended CME on Insulin Discovery Day, organised by IDA on July, 2015.

Research activity

- Acted as an investigator and analyser of a multicentric 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'

Training activity

- Involved in Teaching and training activities of undergraduate MBBS students
- Involved in training and teaching of Interns at Urban Health Centre

Publications

- 1) Chatterjee S, **Mondal TK**, Sarkar K, Shahbabu B, Sarkar I, Barik G, Basu M. Assessment of Hand Hygiene Knowledge among Medical Students at a Teaching Hospital of India. Sch. J. App. Med. Sci. 2015;3(6C):2334-2339.
- 2) Sarkar A.P., **Mondal T.K.**, Shivam S, Thakur R., Ghosh S, Misra R.: Socio-demographic characteristics of poisoning cases in a tertiary care level hospital of West Bengal Indian Journal of Basic and Applied Medical Research; March 2015: Vol.-4, Issue- 2, P. 476-482

Dr. Sinjita Dutta

Academic activity

- Reviewer of Indian Journal of Public Health
- Was speaker on topic 'From Farm to Plate, Make Food Safe' in World Health Day Programme held on 7th April, 2015
- Nodal officer of **Supportive Supervision of SOP of STI/RTI** from 20.08.2015 at IPGME&R.
- Invigilator in BPT, BOT, BAMS, BHMS Examinations 2015

Meetings, Conferences, CMEs, Workshops and Seminars attended:

- Attended CME on Dizziness and vertigo on 27th May, 2015 at Park Hotel organized by BMJ Learning
- Attended Panel Discussion on 'Vulnerable Population in Emergency' on 11th organised by IPHA Headquarter at IPGMER
- Organised Inter College Quiz Competition organised by IAPSM WB Chapter at IPGMER on 7th September, 2015
- Attended CME on Metformin induced neuropathy on 10th October, 2015, organised by Merck at Taj Bengal.

Publications

- 1) Paul B, Basu M, **Dutta S**, Chattopadhyay S, Sinha D, Misra R. Awareness, and Practices of Oral Hygiene and its Relation to Socio Demographic Factors among Patients attending to General Out Patient Department in a Tertiary Care Hospital of Kolkata, India. Journal of Family Medicine and Primary Care April – June 2014; 3(2): 107 – 111.
- 2) Basu M, Chatterjee S, Sinha D, Pal B, **Dutta S**, Das P. Knowledge of HIV/AIDS among Patients Attending General Out Patient Department of a Tertiary Care Hospital of Kolkata. Natl J Community Med 2014; 5(1): 46-50.
- 3) Basu M, Das P, Dhar G, Dutta S. Pattern and determinants of overweight and obesity among future physicians. Nepal Journal of Epidemiology 2014;4 (1) 323-29

Dr. Debasish Sinha

Academic activity

- Scrutinizer in 3rd Professional part 1 Examination held on 6th, 7th 8th and 9th January, 2015
- Presented paper titled 'Accident, is it inevitable or preventable' at 42nd. annual National Conference of IAPSM at Lucknow on 26th February, 2015
- Co investigator in National Mental Health Survey 2015

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

- 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).
- Organised (as treasurer) 31st annual Conference of IAPSM WB Chapter on 27th and 28th March 2015 at IPGME&R, Kolkata
- Attended State Conference of IPHA at NRS Medical College on July, 2015
- Attended State Conference of Sports Medicine on 1st March 2015 at West Bank Hospital
- Attended State Conference of Geriatric Medicine on 11th September, 2015 at IPGMER Kolkata
- Organised Inter College Quiz Competition organised by IAPSM WB Chapter at IPGMER on 7th September, 2015

- Attended World Congress on Public Health organised by IPHA State Branch from 11th -14th February, 2015 at Science City, Kolkata.
- Validation of Research Tools: Research Tools of 06 M Sc (Nursing) students of the West Bengal University Of Health Sciences during the year.
- Guided the post Graduate students for the statistical analysis of their dissertation work.

Training activity

- TOT on ICD 10 and ICH at Bhubaneswar, Odisha on 10th-14th August 2015
- TOT on F IMNCI at NRS Medical College on February 2013

Publications

1. Aninda mukherjee, avik sinha, **debasish sinha**: Effectiveness of educational intervention on Personal Hygiene among Primary school children, urban area of Kolkata, west Bengal. IOSR Journal of Dental & Medical Sciences; dec 2014; 4(1); 10-14.
2. Basu M, **Sinha D**, Das P, roy B, biswas S, Chattopadhyaya S.: knowledge & Practice regarding Pulmonary Tuberculosis among Private Practitioners; Ind J Comm Health 2014; 25(4); 403-412.
3. Basu M, Chatterjee S, **Sinha D**, Pal B, Datta S, Das P. Knowledge of HIV/AIDS among patients attending General Out Patient Department of a tertiary care Hospital of Kolkata. National J Community Medicine 2014; 5(1); 46-50

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 IPGME&R 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

- Invigilator in BPT, BOT, BAMS, BHMS Examinations 2015

Meetings, Conferences, CMEs, Workshops and Seminars attended:

- 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
- Attended a CME on role of 'Protein in metabolic Programming' at Park Hotel on 26.8.15 organised by Nestle

- Organised Inter College Quiz Competition organised by IAPSM WB Chapter at IPGME&R on 7th September, 2015
- Attended World Stroke Day on 29.10.2015 at IPGME&R organized by Neurology Department.

Research activity

- Acted as an investigator and analyser of a multicentric pilot study on 'Prevalence of Chronic Kidney Disease among adult population of Kolkata' from 9th -13th September 2015

Dr. Murari Mohan Mondal

Conferences, CMEs, Workshops and Seminars attended:

- Attended World Congress on Public Health organised by IPHA State Branch from 11th -14th February, 2015 at Science City, Kolkata.
- Participated in 31st annual Conference of IAPSM WB Chapter on 27th and 28th March 2015 at IPGME&R, Kolkata
- Attended State Conference of IPHA at NRS Medical College on July, 2015
- Attended State Conference of Geriatric Medicine on 11th September, 2015 at IPGME&R Kolkata
- Attended World Stroke Day on 29.10.2015 at IPGME&R organized by Neurology Department.
- Organised Inter College Quiz Competition organised by IAPSM WB Chapter at IPGME&R on 7th September, 2015
- Attended CME on Metformin induced neuropathy on 10th October, 2015, organised by Merck at Taj Bengal

Research activity

- Acted as an investigator of a multicentre pilot study on 'Prevalence of Chronic Kidney Disease among adult population of Kolkata' from 9th -13th September 2015
- Investigator of a project on MDR TB in Kolkata and East Midnapur conducted by Department of Community Medicine, NHRSMCH

Dr. Abhishek De

Research activity

- Presented an oral paper entitled "Correlates of mental health morbidity in urban and rural women of reproductive age in Odisha" at the 14th World Congress of Public Health at Kolkata, held from February 11th to 14th, 2015.
- Participated as a resource person in a workshop-cum-seminar on the occasion of World Breast-Feeding Week, 2015 at iCARE Institute of Medical Sciences and Research (IIMSAR), Haldia.
- Participated as a resource person in an Inter-departmental Students' Seminar on the occasion of Diabetes Fortnight, 2015 at IIMSAR, Haldia.

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 internees of IPGME&R
- Research activities done by undergraduate students under the guidance of faculty members-
 - A Study on Risk Factors of Non Communicable Diseases among the Medical Representatives visiting the different OPDs of SSKM Hospital
 - A Study on Knowledge Perception and Practice Regarding Physical Environment among Patient Relatives in Waiting Halls of IPGME&R And SSKM Hospital
 - A Study on 'Depression', 'Anxiety', 'Stress' and 'Substance abuse' among Undergraduate Medical students of IPGME&R, Kolkata
 - A Study on the Knowledge, Attitude And Practice of the Housekeeping Staffs Regarding Biomedical Waste Management in a Tertiary Care Hospital of Kolkata
 - A study on breast feeding knowledge & practices among mothers attending neonatology OPD of IPGME&R and SSKM hospital
 - A Study on Risk Factors of Non Communicable Diseases among the Faculty Members of IPGME&R and SSKM Hospital
 - A Study on 'Depression', 'Anxiety', and 'Stress' among Junior Doctors of IPGME&R, Kolkata

- Internet Uses and Addiction among Undergraduate Students of IPGME&R, Kolkata
- Infant Feeding Practices among the Mothers attending IPD and OPD of Neonatology Department, IPGME &R, Kolkata
- Ophthalmic Morbidities among the Undergraduate students of IPGME&R, Kolkata
- A Study on Drug Compliance of the Hypertensive Patients attending OPDs of IPGME&R, Kolkata
- A study on socio-demographic and clinical profile of blood donors attending blood bank of a tertiary care hospital, Kolkata.
- Study on profile of blood donors attending blood bank of a tertiary care hospital, Kolkata
- A project on socio-clinical profile of HIV patients attending ART centre of IPGME&R, Kolkata.
- 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, subcenter etc are also conducted by the faculty members of the department in collaboration with other departments.
- Organized training programme on BMW and PEP for Junior Doctors of IPGME&R
- Organized Departmental CME on "HIV/AIDS and ART: Current Scenario and Challenges" at Community Medicine Dept. I.P.G.M.E&R. on 26.11.2014
- Organised seminar on Japanese Encephalitis on 20.08.2014 at IPGME&R organized by Community Medicine Department
- Organised 31st annual Conference of IAPSM WB Chapter on 27th and 28th March 2015
- Organized sensitization **workshop on Dengue**, Malaria and AES/JE on 01.10.2015 at IPGME&R

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 Sarbajit Ray Dr Sribas Ray Dr. Murari Mohan Mandal
Saturday	Dr Mausumi Basu Dr Sinjita Dutta Dr.Afifa Ahamed

Total OPD attendance since December 2014 to November 2015 – **21,535**

Attendance	Male	Female
New	5218	6539
Old	4890	4888
Total	10108	11427

Dentistry (Odontostomatology)

STAFF

a) Faculty

NAME	DEGREE	DESIGNATION
Dr. Uttam Kumar Deb	M.D.S. (Orthodontics & Dentofacial orthopedics)	Professor
Dr. Rupa Ghosh	M.D.S. (Orthodontics & Dentofacial orthopedics)	Associate Professor
Vacant	One post	Assistant Professor
Vacant	Three posts	Demonstrator

b) Posting on detailment

NAME	DEGREE	DESIGNATION
Dr. Sugata Mukherjee	M.D.S(Prosthodontics)	Professor
Dr. Anindya Ghosh	M.D.S(Oral & Maxillofacial Surgery)	M.O.(Dental)

c) Medical Officers

NAME	DEGREE	DESIGNATION
Dr. S.K. Ghosh	B.D.S	M.O. (Dental)
Vacant	B.D.S	M.O. (Dental)

d) Housestaff

1. Dr. Pratyay Banerjee	6. Dr. Jhimkini Pohit	10. Dr. Abhraleen Chakraborty
2. Dr. Dhiman Sardar	7. Dr. Raghunath Shil	11. Dr. Shreyasi Barui
3. Dr. Fauzia Khursheed	8. Dr. Ayantika Panja	12. Dr. Kaushiki Ghosh
4. Dr. Kanta Paul	9. Dr. Ankita Tamta	13. Dr. Pubali Biswas
5. Dr. Shradha Dhanania		

Transfers and Postings

- a) Dr. Suparna Roy (M.O. Dental) released on T/R in August 2015
- b) Prof. Sugata Mukherjee joined on full detailment in September 2015
- c) Dr. Anindya Ghosh joined on full detailment in October 2015

FACULTY NEWS

Dr. Uttam Kumar Deb

- Attended National Conference and chaired scientific session(IDA)
- Attended State Conference (IDA) and presented papers-"Importance of clinical examination
- Long time office bearer of IDA, West Bengal state as secretary, president,E.C member and C.C member
- P.G guide and P.G co-guide since 2005
- Publications in JIMA,JIDA and many health awareness promotional articles in newspaper,magazines and periodicals
- Attended teachers' training workshop at SwasthaBhavan,Salt lake in 2014
- Completed HIV workshop (Dept. of Health and Family Welfare)
- Examiner in CU, WBUHS,Cuttack Univ., Patna Univ., Magadh Univ.
- DCI Inspector
- Presented Orthodontic deliberations in the Dept. of Plastic Surgery, IPGMER Kolkata
- Internal examiner of M.D.S(Orthodontia),WBUHS
- Participated in Health promotional talks and discussions in AIR, Doordarshan and other TV channels since last 20 years
- Attended workshop on MBT technique at Devangere, Karnataka
- Organised and participated in many Health awareness promotional in dental and multi medical camps throughout West Bengal since last 25 years
- Conducted workshop on industrial Health for doctors employed in industry house across India

Dr. Rupa Ghosh

- Attended Ortho National Conference 2014 in Kolkata and chaired scientific session
- Attended IDA National Conference in 2013
- Participated in Health Awareness camps
- Speaker in scientific session of IDA Conference 2010
- Presented papers in State conference (IDA), 2010
- Participated successfully in teachers training workshop

ACADEMIC ACTIVITIES

1. A CDE programme is being organised in the Department on 18.12.2014: Bleeding gums & its management. CDE programmes are organised on a regular basis on different contemporary topics.
2. Junior Members of the Departments are encouraged to prepare a topic on routine dental treatment & its complications
3. Chairside discussions on special cases of academic interest are undertaken regularly.
4. College committee has accepted the proposal for expansion of the dental dept. and the attached Suraksha clinic has been allotted and the renovation process is on going.

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 M.D.S courses in this elite institute.

SERVICE INFORMATION

OPD locations

Annexed to Emergency building 1st floor adjacent to Dept. of Radiology & Suraksha clinic the dental dept is supposed to get a larger area and beyond of 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=17200
- Old cases=3420
- New cases=15120
- Average daily attendance= 80
- Referrals=810

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 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

Other procedures performed in the department

- Orthodontic treatment to correct and restrained facial deformity
- Anterior tooth endodontic treatment (RCT)
- Selected posterior tooth endodontic treatment (RCT)
- Supragingival and subgingival calculus removal and management of gum bleeding
- Selective treatment for malaligned and malposed teeth (orthodontics)
- Management of Lichen planus and Oral sub mucous fibrosis (OSMF)
- Selective grinding (Coronoplasty)
- Habit breaking appliance in children
- Topical Fluoride application to prevent dental cavities in children
- Space maintainers to prevent development of malocclusion

- Treatment of soft tissue ulcers of benign nature
- Pre surgical therapeutic measures in case of kidney transplantation, ophthalmic surgery ,oral malignancy or cardiac surgery
- Inter disciplinary referrals are well attended with proper care and attention
- Indoor patients with oral and maxillofacial injury referred from Dept of Plastic surgery and ENT are benign evaluated regularly and exchanged opinion is also reciprocated accurately

Departmental routine

DAY	OPD	MINOR O.T.	SURGERY
MONDAY	Prof. S.Mukherjee	Prof. U. K. Deb	Prof. Rupa Ghosh
TUESDAY	Prof. U.K Deb	Prof. S.Mukherjee	Dr. Anindya Ghosh
WEDNESDAY	Prof. Rupa Ghosh	Dr. S. K. Ghosh	Prof. S. Mukherjee
THURSDAY	Dr. S. K. Ghosh	Anindya Ghosh	Prof. Rupa Ghosh
FRIDAY	Dr. Anindya Ghosh	Prof. S.Mukherjee	Prof. U. K. Deb
SATURDAY	Prof. S Mukherjee	Prof. Rupa 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 to seek the co-operation from the Department of Plastic Surgery or ENT,which is usually fulfilled.

Performance of the department 01.12.2014 to 30.11.2015

Type of treatment	No. of cases performed
Routine dental extraction including trans alveolar extractions	3115
Root canal treatment(R.C.T)	120
Filling	540
Cosmetic build up	170
Oral prophylaxis(scaling)	730
Minor oral surgery	640
Biopsy	12
Orthodontic appliances(removable)	10
Cap splint (for dent alveolar fracture)	10
Topical fluoride application	10
Fixed orthodontics	30

OTHER INFORMATION

- Space- Inadequate in Dental Department. Additional space has been provided and is being reorganized.
- Infrastructure – Instruments, equipment& materials are deficient in the department. However, the administration has assured us to deliver better.
- Centre of excellence- this department can be developed as a centre of excellence for orthodontic treatment

Dermatology

Faculty

Dr. Gobinda Chatterjee
 Dr. Sumit Sen
 Dr. B. Naskar
 Dr. Abhishek De
 Dr. Joydeep Singha
 Dr. T. Gayen
 Dr. Ishad Agarrwal

Post/ Designation

Professor & Head
 Professor
 Professor
 Assistant Professor
 Assistant Professor
 RMO cum Clinical Tutor (newly recruited)
 Senior Resident

Medical Officer

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

Medical Officer
 Medical Officer

Postgraduate Trainees

MD	MD	MD	DVD
Dr. Akhilesh Behra Dr. Manmeet Kaur Dr. Nidhi Sharma Dr. Pranshu Mishra Dr. Leena Bandopadhyay	Dr. Bidweshwar Verma Dr. Abdul Kadar Md Ajmal Dr. Abhijit Das Dr. Neha Sharma Dr. Nishant Choudhary	Dr. Sonal Bansal Dr. Debolina Mondal Dr. Abhijit Chatterjee Dr. Debanu De Dr. Nirmalya Das	Dr. Naval Patel Dr. Prunendu Dash

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.
- M.D. thesis guide.
- Attended Dermacon 2015 in Mangalore as faculty and panelist
- Attended Acsicon 2015 in Kolkata as faculty
- Attended IADAL research methodology workshop as chairperson.

Publications

- Darier's Disease in Gastric Malignancy: An Unusual Paraneoplastic Phenomenon: Gangopadhyay A, Ghosh A, Biswas S, Singha J, Aggarwal I, Chatterjee G. Indian J Dermatol. 2015 Jul-Aug;60(4):423.
- Unique TTC Repeat Base Pair Loss Mutation In Cases of Pure Neural Leprosy: A Survival Strategy of Mycobacterium Leprae? De A, Reja AH, Biswas S, Bhattacharya B, Chatterjee G, Basu K, Sarda A, Chowdhury N. Indian J Dermatol. 2015 Jul-Aug;60(4):351-5.
- Zinc-responsive acral hyperkeratotic dermatosis-A novel entity or a subset of some well-known dermatosis?. Ghosh A, Aggarwal I, De A, Samanta A, Chatterjee G, Bala S, Biswas P, Chowdhary N. Indian J Dermatol. 2015 Mar-Apr;60(2):136-41.
- Isolated tenosynovitis as a sole manifestation: the great mimicker still continues to surprise us. De A, Surana TV, Biswas S, Reja AH, Chatterjee G. Indian J Dermatol. 2015 Mar-Apr;60(2):213.
- Chronic venous ulceration of leg associated with peripheral arterial disease: an under appreciated entity in developing countries; international wound journal.
- Non healing leg ulcer infected with Stenotrophomonas Multophilia : first reported case from India , International wound journal.
- Eccrine angiomatous naevus revisited – IJD.
- Kindler'S syndrome: a case series of three Indian children- IJD.
- Mucocutaneous changes in tuberous sclerosis complex: a clinical profile of 27 Indian patients.
- Can systemically generated reactive oxygen species help to monitor disease activity in generalized vitiligo? A pilot study. Pradhan R, De S, Choudhary N, Mukherjee S, Chatterjee G, Ghosh A, Chatterjee M, Chatterjee S. Indian J Dermatol. 2014 Nov;59(6):547-51.
- Atypical erythema nodosumleprosum as the presenting feature in multibacillary leprosy: a case report. Bala S, Sen S, Chatterjee G, Gangopadhyay A. Indian J Dermatol. 2014 Jan;59(1):94-5.

- A case of ichthyosis hystrix: unusual manifestation of this rare disease. Biswas P, De A, Sendur S, Nag F, Saha A, Chatterjee G. *Indian J Dermatol.* 2014 Jan;59(1):82-4.
- Cutaneous manifestations of mixed connective tissue disease: study from a tertiary care hospital in eastern India. Sen S, Sinha mahapatra P, Choudhury S, Gangopadhyay A, Bala S, Sircar G, Chatterjee G, Ghosh A. *Indian J Dermatol.* 2014 Jan;59(1):35-40.
- Acquired perforating dermatosis and Addison's disease due to disseminated histoplasmosis: Presentation and clinical outcomes. Choudhary N, Aggarwal I, Dutta D, Ghosh AG, Chatterjee G, Chowdhury S. *Dermatoendocrinol.* 2013 Apr 1;5(2):305-8.
- Use of fine needle aspirate from peripheral nerves of pure-neural leprosy for cytology and PCR to confirm the diagnosis: a pilot study. Reja AH, De A, Biswas S, Chattopadhyay A, Chatterjee G, Bhattacharya B, Sarda A, Aggarwal I. *Indian J Dermatol Venereol Leprol.* 2013 Nov-Dec;79(6):789-94.
- Anti scl-70 antibody positive systemic sclerosis in a patient with lung cancer: a paraneoplastic or a purely coincidental phenomenon? Gangopadhyay A, Sen S, Naskar B, Chatterjee G. *Indian J Dermatol.* 2013 Sep;58(5):400-1
- Ichthyosiform large plaque parapsoriasis: report of a rare entity. Nag F, Ghosh A, Biswas P, Chatterjee G, Biswas S. *Indian J Dermatol.* 2013 Sep;58(5):385-7.
- Granuloma faciale: exclusively extrafacial. Surana TV, Arghyaprasun G, Saugato B, Falguni N, Gobinda C, Chinmay H. *Indian J Dermatol.* 2013 May;58(3):245.
- Inflammatory linear verrucous epidermal nevus in perineum and vulva: a report of two rare cases. Nag F, Ghosh A, Surana TV, Biswas S, Gangopadhyay A, Chatterjee G. *Indian J. Dermatol.* 2013, Mar;58(2):158.
- Chronic venous ulceration of leg associated with peripheral arterial disease: an underappreciated entity in developing country. Nag F, De A, Hazra A, Chatterjee G, Ghosh A, Surana TV. *Int Wound J.* 2014;11(5):546-9.

Prof. Sumit Sen

- Attended MID CUTICON 2015
- Attended ACSICON 2015
- Organising Secretary- CUTICON 2014
- Reviewer of Indexed journals (Indian and International).
- ART- training by NACO
- Short course in advanced aesthetics + lasers
- Post-graduate examiner of WBUHS.
- M.D. thesis guide.

Publications

- Dey SK, Das AK, Sen S, Hazra A. Comparative evaluation of 2 g single dose versus conventional dose azithromycin in uncomplicated skin and skin structure infections. *Indian Journal of Pharmacology.* 2015;47(4):365-369.
- Recurrent bleeding and bruising over little finger: A diagnostic conundrum! Mishra P, Jain A, Sen S, Majumdar B. Recurrent bleeding and bruising over little finger: A diagnostic conundrum! . *Indian J Dermatol* 2015;60:632-3.
- "'Naevoid Eruptive Keratoacanthoma'- Yet Another Atypical Manifestation of Generalized Keratoacanthoma.": *IJD*
- Eccrine angiomatous Nevus : *IJD*
- Leprechaunism : *IJD*
- Syndromic management: Time for a Relook : *IJDVL*
- Zosteriform pallisaded encapsulated neuroma, case report : *IJD*
- Primary CD30+ anaplastic cutaneous T cell Lymphoma-*IJD*
- Keloidal Scleroderma – *IJD*.
- MCTD- A clinicopathological study (in collaboration with dept. Of Rheumatology).
- Diogenes syndrome- a case report.

Ongoing project work

- Facial Aging in Indian population
- Chemical peels.

Other achievements

- Joint organising secretary Dermatosurgery Workshop at IPGMER, Kolkata in association with Dept of Plastic Surgery.
- Core Committee member (scientific) Annual day celebration of IPGMER.

Dr. B Naskar

- Attended CUTICON 2014 held in Kolkata.
- Attended IADAL research methodology workshop- CME program
- M.D. thesis guide.

Publications

- Punctate porokeratosis with ipsilateral solitary actinic porokeratosis of the face.
- Triple palm.
- Generalized xanthogranuloma- rare presentation: IJD.
- Anti SCI-70 +ve antibody in lung carcinoma: IJD.
- Music Box spine keratoderma without any systemic manifestation.(IDOJ-2014)
- Eccrine Angiomatous Hamartoma, late onset facial presentation.(IJD-2014).

Dr. Abhishek De

- Presented four invited lecture in World Congress, Dermatology in Vancouver, Canada, June 2015
- Was given Rising Star of Dermatology by International League of Dermatology in Vancouver, Canada, June 2015
- Inviting Faculty of Global urticaria Forum, Berlin , Germany, November, 2015
- Invited faculty of DAIS, Hongkong, 2015
- Invited faculty IMCAS , Goa, 2015
- Participated in Debate in Cuticon 2015 against the motion of "Is WHO MDT adequate in eliminating Leprosy "
- Presented invited Lecture in Dermacon 2015
- Conducted laser workshop as a part of invited faculty of IADVL SIG Workshop in Bhopal and Lucknow
- Organized ACSICON 2015 as Scientific Secretary
- Organizing Joint Secretary of Dermazone East, 2015
- Presented a Invited Lecture in International Congress of Dermatology and Dermacon 2014 in Delhi
- Awarded and completed the prestigious National Skin center observer fellowship for the year and completed my one-month fellowship in NSC, Singapore.
- Participated in ISPD as faculty member in Genodermatosis session
- Chaired a session in ACSICON 2014 in Kerala
- Winner of IADVL Ranbaxy Research Grant
- Received the prestigious Bishnupriyadevi award for best original article from IADVL.
- Awarded best case report award Indian Journal of Dermatology

Publications

- Extraintestinal manifestations in inflammatory bowel disease: Prevalence and predictors in Indian patients. Bandyopadhyay D, Bandyopadhyay S, Ghosh P, De A, Bhattacharya A, Dhali GK, Das K.Indian J Gastroenterol. 2015 Sep;34(5):387-94.
- Unique TTC Repeat Base Pair Loss Mutation In Cases of Pure Neural Leprosy: A Survival Strategy of Mycobacterium Leprae? De A, Reja AH, Biswas S, Bhattacharya B, Chatterjee G, Basu K, Sarda A, Chowdhury N.Indian J Dermatol. 2015 Jul-Aug;60(4):351-5.
- Urticaria Multiforme. arkar S, De A.Indian Pediatr. 2015 Jul;52(7):633.
- Isolated tenosynovitis as a sole manifestation: the great mimicker still continues to surprise us. De A, Surana TV, Biswas S, Reja AH, Chatterjee G.Indian J Dermatol. 2015 Mar-Apr;60(2):213.
- Zinc-responsive acral hyperkeratotic dermatosis-A novel entity or a subset of some well-known dermatosis? Ghosh A, Aggarwal I, De A, Samanta A, Chatterjee G, Bala S, Biswas P, Chowdhary N.Indian J Dermatol. 2015 Mar-Apr;60(2):136-41.
- Does the benefit of salvage amputation always outweigh disability in drug-failure mycetoma?: a tale of two cases. Maiti PK, Chakraborty B, Ghosh S, De A.Indian J Dermatol. 2015 Jan-Feb;60(1):74-6.
- Vohwinkel's Syndrome: A Rare Disorder of Keratinization. Choudhary N, Ahar R, De A, Biswas P. Indian J Dermatol. 2014 Nov;59(6):619-621.
- Bindi tattoo on forehead: success with modified R-20 technique using low fluence q-switched ndyag laser: a case report. Zawar V, Sarda A, De A. J CutanAesthet Surg. 2014 Jan;7(1):54-5.
- A case of ichthyosishystrix: unusual manifestation of this rare disease.Biswas P, De A, Sendur S, Nag F, Saha A, Chatterjee G. Indian J Dermatol. 2014 Jan;59(1):82-4.
- A curious case of sweating blood. Biswas S, Surana T, De A, Nag F.Indian J Dermatol. 2013 Nov;58(6):478-80.
- Use of fine needle aspirate from peripheral nerves of pure-neural leprosy for cytology and PCR to confirm the diagnosis: a pilot study. Reja AH, De A, Biswas S, Chattopadhyay A, Chatterjee G, Bhattacharya B, Sarda A, Aggarwal I. Indian J DermatolVenereolLeprol. 2013 Nov-Dec;79(6):789-94.
- Modified R20 method" Using Q-Switched Nd-Yag Laser For Removal Of Blue-Black Tattoo In Fitzpatrick Type 5 Skin –An Indian Perspective". The Aestheticians Journal. Oct 2014

- "Does the benefit of salvage amputation always outweigh the disability in drug failure mycetoma? - A tale of two cases." Accepted in Indian J of Dermatology.
- "Isolated tenosynovitis as a sole manifestation - the great mimicker still continues to surprise us" accepted in IJD
- 'Zinc responsive acral hyperkeratotic dermatosis- a novel entity or a subset of some well-known dermatosis?' accepted in indian j dermatology.
- 'Unique ttc repeat base pair loss mutation in cases of pure neural leprosy: a survival strategy of mycobacterium leprae?' accepted in indian j dermatology.

Dr. Joydeep Singha

- Attended CUTICON 2014
- Seminar online-
 - 1) Medscape dermatology.
 - 2) Webliner in different topics on dermatology.

Publications

- Darier's Disease in Gastric Malignancy: An Unusual Paraneoplastic Phenomenon: Gangopadhyay A, Ghosh A, Biswas S, Singha J, Aggarwal I, Chatterjee G. Indian J Dermatol. 2015 Jul-Aug;60(4):423.
- Keratoacanthoma centrifugum marginatum with atypical scar
- Aplasia Cutis congenita with ipsilateral melanocytic nevus
- music box soine kertoderma without any systemic association.
- Multiple Bowens disease in chronic arsenicosis.
- Is psuedosleroderma an occupational disease in PVC pipe fitter.

Dr. Ishad Agarwal

- Attended cuticon 2014
- Attended ACSICON 2015

Publications

- Diagnostic dilemma revealing a rare association of pseudoainhum with underlying vascular anomaly, provisionally accepted in Indian journal of Pediatric Dermatology.
- Bullous pemphigoid: clinically presenting as lichen amyloidosis , provisionally accepted in Indian journal of Dermatology , venereology and Leprosy.
- Zinc responsive acralhyperkeratosis , a new entity or another subset of other dermatoses, accepted for publication in ijd.

SERVICE INFORMATION

- Dermatology OPD: Monday to Saturday
 - Leprosy Clinic: Wednesday
 - STI (Suraksha Clinic): Monday to Saturday
 - OPD Attendance: NEW: 55000 approx. OLD: 30000 approx.
 - Indoor Admission: 40
 - 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
-

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

- Inconvenient truths – safety of GLT-1 based therapy, at Annual Conference of Endocrine Society of India, at Chandigarh on 14th November 2014.
- Metformin: Old wine new bottle at Annual Conference of RSSDI at Bangalore on 22nd November 2014.
- 'What is new in metformin' – and 'The year in Diabetes' organized by Association of Diabetologists & Endocrinologists, Bangalore at Bangalore on 26th January 2015.
- Medical practice and Research : Any contradiction on DST – INSPIRE Internship Science Camp at JBNSTS, Kolkata on 27th March 2015.
- Pitfalls in management of Hypothyroidism at Thyroid Update organized by Endocrine Society of Bengal on 19th April 2015.
- 'Paediatric Endocrine Kaleidoscope' - Dr.Sisir Kumar Basu Memorial Oration at Institute of Child Health, Kolkata on 15th August 2015.
- 'Approach to Childhood goitre' and Meet the professor – in the session of Gynaecological Thyroidology at Annual Conference of Indian Thyroid Society on 4th October 2015.
- Management of Diabetes: Art of the Science – Dr.M.Viswanathan Memorial Oration at Annual Conference of RSSDI, Lucknow on 31st October 2015.
- Management of Hypogonadotropic hypogonadism : Optimizing fertility at Annual Conference of Endocrine Society of India at Ahmedabad on 18 Dec'15.

D.M. Examiner

- External Examiner at DM Endocrinology at PGI, Chandigarh on 4th & 6th May AND December17, 2015.

Chairperson

- Plenary Session – II at Annual Conference of Endocrine Society of India at Chandigarh on 14th November 2014.
- Andrology & DSD symposium : at 2nd Scientific Conference at South Asia Federation of Endocrine Society at Dhaka, Bangladesh on 28th April 2015.
- Grand Rounds on Thyroid Surgery as Pre-conference workshop of Annual Conference of Indian Thyroid Society on 2nd October 2015.

Judge

- Presidential Poster Competition at Annual Conference of U.S. Endocrine Society at San Diego on 5th & 6th March 2015.

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.

PhD Guide

- On "Genetic study of young onset diabetes mellitus in eastern India" under Calcutta University

PhD Co-Guide

- On "Effects of diabetes mellitus on menstruation and fertility with special reference to sex steroids" under West Bengal University of Health Sciences

Other ongoing research projects

- A study to evaluate the Prevalence of Hypogonadism in Indian Males with Type 2 Diabetes Mellitus (DM)
- Efficacy and safety of liraglutide in combination with metformin versus metformin monotherapy on glycemic control in children and adolescents with type 2 diabetes: A 26-week double-blind, randomized, parallel group, placebo controlled multi-centre trial followed by a 26-week open-label extension.
- A trial comparing cardiovascular safety of insulin degludec versus insulin glargine in subjects with type 2 diabetes at high risk of cardiovascular events.

Prof. Satinath Mukhopadhyay

Conferences attended

- 6th World Congress of Diabetes – Diabetes India 2015;9 – 12 April, 2015, Ahmedabad.
- 'Medicine and Allied Specialties', Judge for the Oral Paper session, 17th January 2015.IPGME&R, SSKM Hospital, Kolkata.
- SEC Endocrinology meeting, CDSCO, 30th January,2015. FDA Bhawan, New Delhi.
- Endocrinology and Diabetes symposium. Chairperson, 29th January 2015, Medical College, Kolkata.

Guest Speaker

- Metabolics and Lipids: Saroglitazar. ESICON 2015 (45th annual conference of Endocrine Society of India), 17-20th December 2015; Ahmedabad, India.
- Role of GLP-1 agonists in the management of T2DM. National Update on Clinical Diabetes,Bhubaneswar, 12 & 13 December,2015,.
- Invited lecture on "Lipid induced insulin resistance: molecular mechanisms and clinical implications". At the 'XXXIX All India Cell Biology Conference'. At Thiruvananthapuram.6-8 December 2015.
- Managing bone health post transplant.William Owen Symposium. Annual Conference of the Indian Society for Bone and Mineral Research (ISBMR) at Christian Medical College, Vellore. November 27 – 28, 2015.
- Guest lecture on "intensification of insulin therapy in type2 diabetes" at the World Diabetes Day meeting, Kolkata, 14 November, 2015.
- Guest lecture on "Vitamin D deficiency". At the Department of Biotechnology, St. Xavier's College,Kolkata, 24th September 2015..
- Controversies in Lipidology. IDEACON 2015. 10-12th May,Kolkata.
- Subclinical hyperthyroidism. At the Thyroid Update, 19th April 2015, National Library, Kolkata.
- Vitamin-D deficiency and Type 2 Diabetes.RBF Foundation 7th International Symposium, Ahmedabad, India.Feb 2-4, 2015.
- Keynote lecture on "Hepatokines and insulin resistance". 102ndIndian Science Congress, 3-7th January 2015. Bombay University, Mumbai, India.

Examiner

- DM Endocrinology (Exit exam), Department of Endocrinology & Metabolism, Institute of Medical Sciences, Banaras Hindu University- July 2015
- DM Endocrinology (Exit exam), Department of Endocrinology & Metabolism, Calcutta Medical College- August, 2015
- DM Endocrinology (Exit exam), Department of Endocrinology & Metabolism, Christian Medical College, Vellore.

Health Camp

- Saw more than 100 diabetic patients at a health camp followed by Doctor- Patient interaction at Tripura Medical College, Agartala, Tripura on 9-10th October 2015.

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.

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
- "Pregnancy and Hypothyroid: Dos and Don'ts. At Annual National Conference of Indian Thyroid Society 2015
- Chairpersons: Embryonic origin and Cytogenic diagnosis of Turner's syndrome and its variant. Is there a phenotypic correlation with Chromosomal abnormalities? By Dr Kausik Mandal at Turner syndrome Update by Endocrine Society of Bengal. Held at IPGIMER on 16.5.15.

Conferences attended

- 50th Annual National Conference of Indian Thyroid Society. 3rd -4th October, 2015. Held at 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 Sickle Cell and Thalassemia Advanced Conference 7 – 9 October 2015. London
- Pregnancy and Thyroid function: An eastern India Perspective by Dr Subhadip Pramanik.

Dr. Sujoy Ghosh

Guest lectures

- SGLT2 inhibitors: New drugs in management of Type 2 Diabetes: APICON 2016 Gurgaon
- Role of Kidney in pathogenesis of diabetes: AMRICON Kolkata
- Flozins will replace the supremacy of Gliptins, Diabetes India, Chennai
- Trials in Type 1 Diabetes, Diabetes Update, Chennai
- Alpha Cell dysfunction in pathogenesis of Type 2 Diabetes, RSSDI Lucknow
- Role of Saroglitazar in Non-Alcoholic Fatty liver disease, EASD, Stockholm, Sweden
- Cardiovascular Outcome Trials in Type 2 Diabetes: Insulin Discovery Day, Kolkata
- 11 Beta HSD type 1 Inhibitors in management of type 2 diabetes, World Diabetes Day Kolkata
- SGLT2 inhibitors: myths and Realities, RSSDI West Bengal Chapter SGLT2 inhibitor symposium
- Pregnancy and Thyroid Function: BOGS Kolkata
- Non-HDL Cholesterol: importance in Diabetes: Cardiological Society of India, Kolkata
- Faculty PHFI for CCEBDM course on Diabetes, in conjunction with Kolkata Diabetes Forum
- Faculty PHFI for ACMDC course on cardiovascular complications of Diabetes
- Faculty PHFI for CCMTD course on thyroid Dysfunction
- Thyroid: the year in review: ITSCON Kolkata
- Is it time to bury metabolic syndrome: ESICON, Ahmedabad
- Management of GDM, BOGS

Awards & Achievements

- Nominated Editor in Chief : Oxford handbook series (South East Asian Edition)
- Nominated: International Advisory Board Member: 23rd Edition of Davidson's Principles & Practice of Internal Medicine
- India's Nominee at World Rising Star program of International Diabetes Centre. Stockholm September 2015.

Book

- Hyperthyroidism: MacCann Health publishers

Book chapters

- Ray S, Ghosh S. Mechanisms for Beta & Alpha Cell dysfunction. RSSDI update (Jaypee Brothers)
- Ray S, Ghosh S. Berberine in the treatment of Type 2 diabetes. Drugs & Diabetes (Jaypee Brothers)
- Beatrice A M, Ghosh S. Hydroxychloroquine in Type 2 Diabetes. Drugs & Diabetes (Jaypee Brothers)
- Ghosh S, Collier A. Bromocriptine in Type 2 Diabetes. Drugs & Diabetes (Jaypee Brothers)
- Bhattacharya R, Ghosh S. Colesevalam in Type 2 Diabetes. Drugs & Diabetes (Jaypee Brothers)
- Ghosh S, Chowdhury S. Chronic infections in type 2 Diabetes. Diabetes Surakhsha. McMillan
- Ghosh S, Chowdhury S. Gestational Diabetes. Diabetes Surakhsha. McMillan
- Ghosh S, Chowdhury S. Epidemiology of Diabetes in young. Paediatric Diabetology. Jaypee brothers
- Ghosh S. Pancreatic and islet cell transplantation in type 1 diabetes. Paediatric Diabetology. Jaypee brothers
- Ghosh S, Meher L K. Thyroid dysfunction in Pregnancy. API Medicine update 2016
- Goswami S, Ghosh S. Non-HDL Cholesterol: importance in clinical practice. Clinical Lipidology. Jaypee brothers
- Pramanick S, Ghosh. PCSK 9 inhibitors in clinical practice. Clinical Lipidology. Jaypee brothers.
- Goswami S, Ghosh S. Hyperglycaemia in women
- Dutta D, Ghosh S, Chowdhury S. Approach to an Obese Patient-Protocols and plans. ESI Manual of Endocrinology, 2nd Edition. Jaypee Brothers
- Chakraborty PP, Ghosh S. Online risk engines in Diabetes. ESI Manual of Endocrinology, 2nd Edition Jaypee Brothers

Dr. Rana Bhattacharjee

Guest Lecture

- How to approach a patient with abnormal thyroid function test. Indian Association of Clinical Medicine Peripheral CME. 04/04/2015
- CV protection in T2 Diabetes. IHD Meet. Kolkata. 19/04/15
- Use of low dose estrogen in growth promotion in Turner syndrome. Endocrine Society of Bengal. 16/05/2015
- How to manage newly diagnosed diabetic with marked hyperglycemia. Kolkata Endocrine Forum. 30/05/15
- New horizon in management of Type 2 Diabetes. API North Bengal. 07/06/2015
- Exogenous Cushing syndrome. Indian Association of Clinical Medicine. 09/08/2015
- Differential Diagnosis of Diabetes: Clinical cases. Diabetes India. 16/08/2015
- Thyroid dysfunction: Menstruation and fertility issues. ITSCON 2015. 04/10/15
- SGLT 2 Inhibitors will Replace Oral Secretagogues as a First add-on to Metformin in T2D management Soon-Debate. RSSDI WB World Diabetes Day Celebration. 14/11/2015

Others

- Panel Discussion on Insulin Therapy – As Panelist. Diabetic Association of India, WB. 16/05/2015
- Diabetes Quiz- as Quiz Master. IACM State Conference 19/09/2015

Dr. Arijit Singha

Project

- Study on ovarian function after total abdominal hysterectomy in perimenopausal women.

Conferences attended:

- ITSCON 2015 Kolkata
- RSSDI Kolkata 2015
- Best of ADA Kolkata 2015

DEPARTMENTAL PUBLICATIONS

1. "Oxygen-18 isotope of breath CO₂ linking to erythrocytes carbonic anhydrase activity: a biomarker for pre-diabetes and type 2 diabetes." Chiranjit Ghosh, Gourab D.Banik, Abhijit Maity, Suman Som, Arpita Chakraborty, Chitra Selvan, Shibendu Ghosh, Subhankar Chowdhury and Manik Pradhan. Published in Scientific Reports, 5:8137, DOI: 10.1038/srep08137, 30Jan2015.
2. "Efficacy and safety of low dose oral prednisolone as compared to pulse intravenous methylprednisolone in managing moderate severe Graves'orbitopathy: A randomized controlled trial". Ajitesh Roy, Deep Dutta, Sujoy Ghosh, Pradip Mukhopadhyay, Satinath Mukhopadhyay, Subhankar Chowdhury
Published in Indian Journal of Endocrinology and Metabolism/May-Jun 2015/Vol 19/ Issue3, 351-358.
3. "Practical approaches for self-monitoring of blood glucose: an Asia-Pacific perspective".
Subhankar Chowdhury, Linong Ji, Sompongse Suwanwalaikorn, Neng-Chun Yu, Eng Kiat Tan. Published in CMRO, Current Medical Research & Opinion, Vol.31, No.3, 2015, 461-476.
4. "Association of MTHFR 677C > T genetic polymorphism with hyperhomocysteinemia in type 2 diabetes patients". Arpita Chakraborty, Arindam Chakraborty, Subhankar Chowdhury, Sanghamitra Sengupta and Maitree Bhattacharyya. Published in Cogent Medicine 2015, 2:1017973
5. "Puberty and type1 diabetes" Subhankar Chowdhury. Indian Journal of Endocrinology and Metabolism /2015/ Vol19/ Supplement1/Page51-54.
6. "Increased soluble TNF Receptor-1 and Glutathione Peroxidase may predict Carotid intima media thickness in females with Cushing Syndrome" Ks Shivaprasad, Manoj Kumar, Deep Dutta, Bineet Sinha, Samim Ali Mondal, Indira Maisnam, Satinath Mukhopadhyay, Subhankar Chowdhury. Published in Endocrine Practice, Vol21, No.3, March 2015.
7. "First Presentation of Diabetes as Diabetic Ketoacidosis in a Case of Friedreich's Ataxia". Partha Pratim Chakraborty, Sayantan Ray, Rana Bhattacharjee, Sujoy Ghosh, Pradip Mukhopadhyay, Satinath Mukhopadhyay and Subhankar Chowdhury. Published in Clinical.DiabetesJournals.Org, Volume 33, Number2, Spring2015, Page 84 to 86.
8. "Diabetes and Primary Infertility in Young Males: Do not forget Cystic Fibrosis". Partha Pratim Chakraborty, Sayantan Ray, Rana Bhattacharjee, Sujoy Ghosh, Pradip Mukhopadhyay, Satinath Mukhopadhyay and Subhankar Chowdhury. Published in Clinical.DiabetesJournals.Org, Volume 33, Number2, Spring2015, Page 80 to 83.
9. "Oncogenic osteomalacia caused by occult nasal mesenchymal tumor: a monster in the cave." Sayantan Ray, Partha Pratim Chakraborty, Kaushik Biswas, Anne M. Beatrice, Sujoy Ghosh, Satinath Mukhopadhyay and Subhankar Chowdhury. Published in Oxford Medical Case Reports, 2015;4, 265-268
10. "Alteration of Menstrual Cycle associated with Type2 Diabetes Mellitus in women of West Bengal" Sunil Chakrabarti, Subhankar Chowdhury, Sudakshina Ghosh, Manalee Guha, Soumee Ghosh, Srikanta Guria, Arup Kumar Pattanayak, Zareen Sultana and Madhusudan Das. Journal of Atoms and Molecules/5(2); 2015/, An International Online Journal, ISSN-2277-1247.
11. "Occurrence of osteoporosis and factors determining bone mineral loss in young adults with Graves' disease" Dibakar Biswas, Deep Dutta, Indira Maisnam, Satinath Mukhopadhyay and Subhankar Chowdhury. Indian J Med Res 141, March 2015, pp322-329.

12. "Oxidative Stress-Related Genes in Type 2 Diabetes: Association Analysis and their Clinical Impact" Suranjana Ray Haldar, Arpita Chakraborty, Subhankar Chowdhury, Atish Haldar, Sanghamitra Sengupta, Maitree Bhattacharyya. *Biochemical Genetics* 05/2015, 53:93-119.
13. "Histopathological study of adrenocortical masses with special references to Weiss score, Ki-67 index and p53 status" Gautam Mukherjee, Chhanda Datta, Uttara Chatterjee, Moumita Sengupta, Gaurav Chatterjee, Malay Bera, Subhankar Chowdhury. *Indian Journal of Pathology and Microbiology*- 58(2), April-June 2015
14. "Bardet-Biedl syndrome in two siblings: A rare entity revisited" H.N.Chakravarti, S.Ray, S.K.Chakrabarti, D.Biswas, S.Ghosh, Satinath Mukhopadhyay, Subhankar Chowdhury. *QJM: Monthly Journal of the Association of Physicians* , 05/2015.
15. "Profile of liver enzymes in non-alcoholic fatty liver disease in patients with impaired glucose tolerance and newly detected untreated type2 diabetes" Debmalya Sanyal, Pradip Mukherjee, Moutushi Raychaudhuri,Sujoy Ghosh,Satinath Mukherjee, Subhankar Chowdhury. *Indian Journal of Endocrinology and Metabolism /Sep-Oct 2015/Vol 19/Issue5/597-601.*
16. "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, Fatema Jawad,Jyoti Bhattarai, 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*
17. "Cubitus Rectus: A skeletal marker of 48,XXXY karyotype" Partha Pratim Chakraborty, Rana Bhattacharjee, Sujoy Ghosh, Satinath Mukhopadhyay, Subhankar Chowdhury. *International Journal of Clinical Cases and Investigations. Vol06,Issue5,22:25,01Oct2015*
18. "The importance of non high density lipoprotein cholesterol in dyslipidaemia management" Subhankar Chowdhury, Jyothi Raman Chowdhury and Soumik Goswami. *Journal of Diabetes and Metabolism, ISSN:2155-6156 JDM, Vol06/Issue11/1000623,Published 18Nov2015.*
19. "The bitter taste of Hypoclycemia" Subhankar Chowdhury,Partha Pratim Chakraborty. *International Journal of Diabetes in Developing Countries* 11/2015; DOI:10.1007/s13410-015-0457-2
20. "Forum for Injection Technique (FIT),India: The Indian recommendations 2.0, for best practice in Insulin Injection Technique,2015" Nikhil Tandon,Sanjay Kalra, Yatan Pal SinghBalhara, Manash P.Baruah,Manoj Chadha,Hemraj B.Chandalia,Subhankar Chowdhury,Kesavadev Jothydev,Prasanna K.M.Kumar,Madhu. S.V.,Ambrish Mithal,Sonal Modi,Shailesh Pitale,Rakesh Sahay,Rishi Shukla,Annamalai Sundaram,Ambika G.Unnikrishnan,Subhash K.Wangnoo. *Indian Journal of Endocrinology and Metabolism/May-Jun2015/Vol19/Issue3 317:331*
21. D Dutta, S Mukhopadhyay. Intervening at prediabetes stage is critical to controlling the diabetes epidemic among Asian Indians. *Indian Journal of Medical Research* 2015. (In press).
22. Deep Dutta and Satinath Mukhopadhyay. Incidence of Diabetes and Prediabetes and Predictors of Progression Among Asian Indians: 10-Year Follow-up of the Chennai Urban Rural Epidemiology Study (CURES). *Diabetes Care* 2015; 38:1441–1448. *Diabetes Care* 2015; 38:e146 | DOI: 10.2337/dc15-0908.
23. Mrityika C hattopadhyay, Vineet Kumar Khemka, Gargi Chatterjee, Anirban Ganguly, Satinath Mukhopadhyay, Sasanka Chakrabarti. Enhanced ROS production and oxidative damage in subcutaneous white adipose tissue mitochondria in obese and type 2 diabetes subjects. *Mol Cell Biochem* (2015) 399:95–103. DOI 10.1007/s11010-014-2236-7.
24. Deep Dutta, Chitra Selvan, Satinath Mukhopadhyay. Multiple Pituitary Hormone Deficiency, Empty Sella and Ectopic Neurohypophysis in Turner Syndrome. *Indian Pediatrics* 2015; 52: 803-4.
25. DibakarBiswas, Deep Dutta, Indira Maisnam, SatinathMukhopadhyay&SubhankarChowdhury. Occurrence of osteoporosis & factors determining bone mineral loss in young adults with Graves' disease.*Indian J Med Res* 141, March 2015, pp 322-329
26. MoitriBasu, Rahul Bhattacharya, Upasana Ray, SatinathMukhopadhyay, UttaraChatterjee and Sib Sankar Roy. Invasion of ovarian cancer cells is induced byPITX2-mediated activation of TGF-β and Activin-A. *Molecular Cancer* (2015) 14:162. DOI 10.1186/s12943-015-0433-y.
27. Dutta D, Selvan C, Mukhopadhyay S. Multiple Pituitary Hormone Deficiency, Empty Sella and Ectopic Neurohypophysis in Turner Syndrome. *Indian Pediatr.* 2015 Sep 8;52(9):803-4.
28. Bhattacharjee S, Das N, Mandala A, Mukhopadhyay S, Roy SS. Fenofibrate Reverses Palmitate Induced Impairment in Glucose Uptake in Skeletal Muscle Cells by Preventing Cytosolic Ceramide Accumulation. *Cell PhysiolBiochem.* 2015;37(4):1315-28. doi: 10.1159/000430399. Epub 2015 Oct 22
29. Kumar M, Mukhopadhyay S, Dutta D. Challenges and controversies in diagnosis and management of gonadotropin dependent precocious puberty: An Indian perspective. *Indian J EndocrinolMetab.* 2015 Mar-Apr;19(2):228-35. doi: 10.4103/2230-8210.149316. Review.
30. Tuberculosis of the thyroid gland: two case reports. Arjun Baidya, Arijit Singha, Rana Bhattacharjee, Bibhas Saha Dalal. *Oxford Medical Case Reports* 2015; 262–264
31. Poncet's disease: An unusual presentation of tuberculosis in a diabetic lady. Chakraborty PP, Ray S, Selvan C, Bhattacharjee R, Mandal SK. *World J Clin Cases* 2015; 3(4): 385-388
32. Graves' disease with Unilateral Thyroid hypoplasia. Sugata Narayan Biswas, Partha Pratim Chakraborty, Rana Bhattacharjee. *Indian J Appl Radiol.* 2015;1(1): 1
33. "Type1 Diabetes: Awareness, management and challenges: Current scenario in India." K.M.Prasanna Kumar,Banshi Saboo,P.V.Rao,Archana Sarda,Vijay Viswanathan,Sanjay Kalra,Bipin Sethi,Nalini Shah,S.S.Srikanta,Sunil M Jain,P.Raghupathy,Rishi Shukla,Ashok Jhingan,Subhankar Chowdhury,P.K.Jabbar,Alok Kanungo, Rajesh Joshi,Surendra

Kumar, Nikhil Tandon, Vaman Khadilkar, Manoj Chadha. Indian Journal of Endocrinology and Metabolism/2015/Vol19/Supplement1,S6:S8.

34. "Unilateral neuropathic arthropathy of the shoulder secondary to syringomyelia: Diagnostic Challenges" Partha Pratim Chakraborty, Saumik Datta, Sayantan Ray, Rana Bhattacharjee, Subhankar Chowdhury

STUDENT INFORMATION

Dr. Subhodip Pramanick, Dr. Ashok Kumar, Dr. Manojkumar Madhukar, Dr. Umakanta Mahapatra, Dr. Satyaki Manna and Dr. Wagh Onkar Deviprasad have joined as D.M. PDT for the session 2012 – 2015.

TEACHING PROGRAMME

1. Grand Round: Monday morning at EC Ward
2. Case Presentation: Monday afternoon
3. Seminar: Thursday morning at Endocrine Department
4. Journal Club: Saturday morning at Medicine Seminar Room.

SERVICE INFORMATION

Patient attendance

Out Patients: Diabetic OPD (Wednesday, Thursday & Saturday)	New Patients: 7449 Old Patients: 16192
Endocrine OPD (Monday, Tuesday & Friday)	New Patients: 5512 Old Patients: 7607
In Patients: Diabetological Problems	59
Other endocrinological problems	52

Laboratory information

Following hormone assays were carried out in the past 1 year.

Test	Count	Test	Count	Test	Count
T3	92	Prolactin	340	DHEASO4	23
T4	134	Testosterone	324	ACTH	143
FT3	487	Cortisol	568	IGF-1	170
FT4	4696	Insulin	472	C-peptide	75
TSH	6152	GH	144	IGF BP3	52
EPO	138	Anti TPO Ab	674	TG	79
LH	274	Anti TG Ab	98	iPTH	345
FSH	306	Androstenedione	24		

Total Tests done 15,810

Total Patients 7,947

REQUIREMENTS FOR FURTHER DEVELOPMENT

Urgent need for establishing assay of HbA1c and Urine microalbumin : creatinine ratio in the department.

Forensic & State Medicine

TEACHING STAFF

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

Transfers and Postings

Nil.

FACULTY NEWS

Prof. (Dr.) Biswanath Kahali

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

REGULAR ACADEMIC ACTIVITIES

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

SERVICE INFORMATION

- No. of Postmortem examinations conducted in 2014 2107
 - No. of age estimation Cases done in 2014 51
 - No. of sexual assault cases examined in 2014 80 (Male 36, Female 44)
-

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. DM (Cardiac Anaesthesiology) has been introduced under West Bengal University of Health Sciences with intake of 2 Post Doctoral Trainees per year. This course is offered only in a very few institutions in India at present.

The Department started with the following staff:

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

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

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

FACULTY

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

Posts vacant

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

DM in Cardiac Anaesthesia

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

Till now four 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)

Current post-doctoral trainees (DM Cardiac Anaesthesiology)

- Dr. Anusuya Banerjee, MD, Third year DM Post Doctoral Trainee
- Dr. Dipanwita Das, MD, Third year DM Post Doctoral Trainee
- 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

Achievement of postdoctoral trainees:

1. Dr Kakali Ghosh passed the **FIACTA Examination** after her DM examination. She also successfully completed her 15 days Observership in Narayana Hudalaya Hospital, Bengaluru.
2. Dr Monalisa Datta was selected for **One month IACTA Travelling Grant Fellowship** within India and she successfully completed **Observership** in Narayana Hrudalaya Hospital, Bengaluru.
3. Dr Jyotiranjana Parida successfully completed his 15 days **Observership** in Narayana Hudalaya Hospital, Bengaluru.
4. Dr Somnath Dey successfully completed his 30 days **Observership** in PGI, Chandigarh.
5. Dr Anusuya Banerjee and Dr Dipanwita Das successfully completed their 15 days **Observership** in AIIMS, New Delhi.
6. Dr Kakali Ghosh, Dr Monalisa Datta, Dr Jyotiranjana Parida, Dr Somnath Dey, Dr Anusuya Banerjee, Dr Dipanwita Das, Dr Tanmoy Ganguly and Dr Soumi Das successfully completed their 7 days hands on training and workshop on transesophageal echocardiography in Narayana Hudalaya Hospital, Bengaluru.

ACADEMIC ACTIVITIES

The post doctoral students participate in:

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

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 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 as presenter or as Judge.
5. Delivery of lectures and orations and panel discussions in conferences at the State, Zonal, and National and International level.
6. Delivery of lectures at post graduate assembly attended by PG students from various medical colleges.
7. Post Graduate Trainees in Anaesthesiology are sent to this Dept. Not only from Department of Anaesthesiology, IPGMER but also from other institutions like VIMS, Sambhunath Pandit Hospital, Burdwan Medical College, Bankura Medical College, North Bengal Medical College, Kisangaunge Medical College, ESI Hospital, Sealdah, KPC Medical College, Command Hospital and Tripura Medical College for hands-on training in Cardiac Anaesthesiology.
8. CTVA for EGPGs (Cardiothoracic and Vascular Anaesthesiology Classes for Post Graduate Students) for MD Anaesthesiology students are being held for last four year by this Department.
9. The teachers also teach the PERFUSIONIST students according to their schedule.

FACULTY NEWS

Prof. Anupam Goswami

- Guide or co guide of 6 (six) DM (Cardiac Anaesthesiology) students and 4 (four) MD (Anaesthesiology) students.
- ACTA WB Annual conference held in May 2015
- Invited Speaker in ISACON 2014 held in DEC 2014 at Madurai on "Perioperative Arrhythmias.
- Invited speaker NEZACON 2014 held in Agartala Tripura OCT 2014 on Non cardiac surgery in cardiac patients.
- Immediate Past President West Bengal Association of Cardiothoracic and Vascular Anaesthesiologists.
- Course Coordinator of CTVAC 2014
- Examiner MD (Anaesthesiology) in Datta Megha Institute of Medical Sciences Wardha (Maharashtra)
- Examiner MD (Anesthesiology), MGM Medical College Kisanganj
- Chairperson at ISAZAC 2015
- Chairperson at International conference on imaging in critical care organised by ISCCM (Indian Society of Critical Care Medicine).
- Examiner of DM Cardiac Anaesthesiology Examination in WBUHS

Publications

- Anusua Banerjee, Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami: Renal Cell Carcinoma Extending through Inferior Vena Cava into Right Atrium Removed with Cardiopulmonary Bypass Support. Archives of Medicine 08/2015; VOL 7(VOLUME 3:2):1-
- Sandeep Kumar Kar, Manasij Mitra, Tanmoy Ganguly, Chaitali Sen Dasgupta, Manabendra Sarkar, Anupam Goswami: Hereditary Hemorrhagic Telangiectasia: Presenting with Epistaxis. Archives of Medicine Volume 7 May 2015 page no 22 - 26
- Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali Sen Dasgupta, Anupam Goswami, Chiranjibbhattacharya: Comparison of Postoperative Analgesia in Thoracotomy versus paravertebral block Patients by Thoracic Epidural versus Paravertebral Block with Ropivacaine and Clonidine. Journal of Universal Surgery Volume 3 Page 1-4 June 2015
- Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali Sen Dasgupta, Anupam Goswami: Comparison of Low Venilation, No Venilation and Continuous Positive Pressure Venilation as Pulmonary Protection Strategy During Cardiopulmonary Bypass. Archives of Medicine 04/2015; Volume 7(1:2).
- Tanmoy Ganguly, Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami: Surgical Management of Congenital Cystic Adenomatoid Malformation in a 2 Month Old Patient: A Case Report. Archives of Medicine 04/2015; Volume 7(No 1): 1-4.
- Sandeep Kumar Kar, Tanmoy Ganguly, Santa Saha Roy, Anupam Goswami: Effect of Indian Classical Music (Raga Therapy) on Fentanyl, Vecuronium, Propofol Requirements and Cortisol levels in Cardiopulmonary Bypass. Journal of Anesthesia & Critical Care: Open Access Volume 2 Issue 2 - 2015 Published: March 25, 2015
- Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali Sen Dasgupta, Anupam Goswami: Cardiovascular and Airway Considerations in Mediastinal Mass During Thoracic Surgery. Experimental and clinical cardiology 12/2014; Volume 5(issue 12):1-8. DOI:10.4172/2155-9880.1000354
- Tanmoy Ganguly, Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami, Ansuman Mandal: Penetrating Arrow Wound of the Chest -A Case Report. Journal of Case Reports and Studies Volume 2 | Issue 2
- Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami: Amiodarone In Rheumatic Valve Disease Undergoing Valve replacement. IST 01/2015; Lambert Academic Publishing.

Dr. Chaitali Sen (Dasgupta)

- Promoted to Professor on 09.12.2014
- Served as Scientific Secretary of Indian Society of Anaesthesiologists West Bengal Branch
- Served as Scientific Secretary of Association of Cardio Thoracic Anaesthesiologists, West Bengal
- Guide or co guide of 6 (six) DM (Cardiac Anaesthesiology) students and 4 (four) MD (Anaesthesiology) students
- Chairperson, Scientific Committee of 36th Annual Conference of Indian Society of Anaesthesiologists of West Bengal and 25th Eastern Zonal Conference of Indian Society of Anaesthesiologists in November 2015
- Course Coordinator of CTVAC, December 2014.
- Guest lecturer in WB ACTA Annual conference held in Kolkata, May, 2015 Delivered Lecture on "Aortic Aneurysm"
- Judge of Research papers in International Conference of Regional Anaesthesia (Kolkata, August, 2015)
- Guest lecturer in 36th Annual Conference of Indian Society of Anaesthesiologists of West Bengal and 25th Eastern Zonal Conference of Indian Society of Anaesthesiologists (Delivered lecture on CPR Guidelines 2015)
- Guest lecturer in CTVAC 2014
- Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesiology students.
- Examiner for DM Cardiac Anaesthesiology WBUHS in 2015

Publications

- Anusuya banerjee, Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami: Renal Cell Carcinoma Extending through Inferior Vena Cava into Right Atrium Removed with Cardiopulmonary Bypass Support. Archives of Medicine 08/2015; VOL 7: 1-4.
- Sandeep Kumar Kar, Manasij Mitra, Tanmoy Ganguly, Chaitali Sen Dasgupta, Manabendra Sarkar, Anupam Goswami: Hereditary Hemorrhagic Telangiectasia: Presenting with Epistaxis. Archives of Medicine Volume 7 May 2015 page no 22 - 26
- Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali Sen Dasgupta, Anupam Goswami, Chiranjib Bhattacharya: Comparison of Postoperative Analgesia in Thoracotomy versus paravertebral block Patients by Thoracic Epidural versus Para vertebral Block with Ropivacaine and Clonidine Journal of Universal Surgery Volume 3 Page 1-4 June 2015
- Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali Sen Dasgupta, Anupam Goswami: Comparison of Low Ventilation, No Ventilation and Continuous Positive Pressure Ventilation as Pulmonary Protection Strategy During Cardiopulmonary Bypass. Archives of Medicine 04/2015; Volume 7(1:2).
- Tanmoy Ganguly, Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami: Surgical Management of Congenital Cystic Adenomatoid Malformation in a 2 Month Old Patient: A Case Report. Archives of Medicine 04/2015; Volume 7(No 1):Page 1-4.
- Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali Sen Dasgupta, Anupam Goswami Cardiovascular and Airway Considerations in Mediastinal Mass During Thoracic Surgery. Experimental and Clinical Cardiology 12/2014; Volume 5(issue 12):1-8. DOI:10.4172/2155-9880.1000354
- Tanmoy Ganguly, Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami, Ansuman Mandal: Penetrating Arrow Wound of the Chest -A Case Report..Journal of Case Reports and Studies Volume 2 | Issue 2
- Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami: Amiodarone In Rheumatic Valve Disease Undergoing Valve replacement. 1ST 01/2015; LAMBERT ACADEMIC PUBLISHING., ISBN: 978-3-659-66863-0
- Kakali Ghosh, Chaitali Sen Dasgupta & Subhendu Mahapatra, Our experience of intraoperative autologous blood donation in patients undergoing elective valve surgery, Indian J Thorac Cardiovasc Surg Received: 12 August 2014 /Revised: 7 October 2014 /Accepted: 5 January 2015

Dr. Kakali Ghosh

- Attended IACTA 2015 Conference at JAIPUR
- Participated as Faculty in Panel discussion in ISAZAC 2015 at Kolkata
- Co Guide of two Postgraduate Trainees in MD Anesthesia

Publications

- Kakali Ghosh, Chaitali Sen Dasgupta & Subhendu Mahapatra, Our experience of intraoperative autologous blood donation in patients undergoing elective valve surgery, Indian J Thorac Cardiovasc Surg Received: 12 August 2014 /Revised: 7 October 2014 /Accepted: 5 January 2015
- Case Report in Medical Glory (Journal of West Bengal Medical Council) Persistent Left Superior Venacava draining into superior aspect of left atrium in a case of Ostium Secundum Atrial Septal Defect. Page 78-80

Dr. Sandeep Kumar Kar

- Co Guide of two Postgraduate Trainees in MD Anaesthesia
- Participated as Faculty in ISAZAC 2015, Kolkata in Panel Discussion
- 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
- Associate Editor Journal of Anesthesia & Critical Care

Publications

- Sandeep Kumar Kar, Tanmoy Ganguly, Shanta Dutta: Incidental Diagnosis of a Giant Pericardial Cyst and Surgical Management: a Rare Case Report. International Archives of Medicine 08/2015; 8(198):1-7
- Anusuya banerjee, Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami: Renal Cell Carcinoma Extending through Inferior Vena Cava into Right Atrium Removed with Cardiopulmonary Bypass Support. Archives of Medicine 08/2015; VOL 7(VOLUME 3:2):1-4.
- Sandeep Kumar Kar, Tanmoy Ganguly, Jishnu Nayek: Robotic Cardiac Surgery: A systemic Review, La Prensa Médica Argentina. Prensa Médica Argentina 06/2015; 101(issue 6):1-5.
- Sandeep Kumar Kar: Laparoscopic Bilateral Adrenalectomy in a Patient of Cushing Disease due to Pituitary Microadenoma: a Challenge for the Anaesthesiologist. Prensa Médica Argentina 05/2015; Volume 101(issue 6):1-4.
- Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali Sen Dasgupta, Chiranjib Bhattacharya, Manasij Mitra: Thoracic Gunshot Wound: A Report of 3 Cases and Review of Management.. Prensa Médica Argentina 05/2015; Volume 101(issue 6):1-5.
- Rajat Choudhuri, Sandeep Kumar Kar, Samarendranath Samui, Nairita Mayur: Perioperative Management of a Child having Ovarian Dysgerminoma with Para Neoplastic Syndrome: Case Report of Stormy Events. Prensa Médica Argentina 05/2015; 101(issue 6):1-3.

- Sandeep Kumar Kar, ManasijMitra, Tanmay Ganguly, Chaitali SenDasGupta, ManabendraSarkar, Anupam Goswami: Hereditary Hemorrhagic Telangiectasia: Presening with Epistaxis. Archives of Medicine Volume 7 May 2015 page no 22 – 26.
- Sandeep Kumar Kar, TanmoyGanguly, Chaitali Sendasgupta, Anupam Goswami, Chiranjib Bhattacharya: Comparison of Postoperative Analgesia in Thoracotomy versus paravertebral block Patients by Thoracic Epidural versus Paravertebral Block with Ropivacaine and Clonidine. Journal of Universal Surgery Volume 3 Page 1-4 June 2015.
- Sandeep Kumar Kar, Tanmoy Ganguly: Postoperative Pneumoscrotum in a Cardiac Surgery Patient: A Case Report. PrensaMédica Argentina 05/2015; Volume 101(issue 6):1-5.
- Sandeep Kumar Kar, TanmoyGanguly, Chaitali SenDasgupta, Anupam Goswami: Surgical Management of Congenital Cysic Adenomatoid Malformaion in a 2 Month Old Paient: A Case Report. Archives of Medicine 04/2015; Volume 7(1:5):1-4.
- Sandeep Kumar Kar, TanmoyGanguly, ChaitaliSenDasgupta, Anupam Goswami: Comparison of Low Ventilation, No Ventilation and ContinuousPositive Pressure Ventilation as Pulmonary Protecion Strategy During Cardiopulmonary Bypass. Archives of Medicine 04/2015; Volume 7(1:2).
- Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami: Amiodarone In Rheumatic Valve Disease Undergoing Valve replacement. 1ST 01/2015; Lambert Academic Publishing.
- Tanmoy Ganguly, Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami: Surgical Management of Congenital Cystic Adenomatoid Malformation in a 2 Month Old Patient: A Case Report. Archives of Medicine 04/2015; Volume 7(No 1):Page 1-4.
- Sandeep Kumar Kar, Tanmoy Ganguly, Santa Saha Roy, Anupam Goswami: Effect of Indian Classical Music (Raga Therapy) on Fentanyl, Vecuronium, Propofol Requirements and Cortisol levels in Cardiopulmonary Bypass. Journal of Anesthesia& Critical Care: Open Access Volume 2 Issue 2 - 2015 Published: March 25, 2015
- Tanmay Ganguly, Sandeep Kumar Kar, Chaitali Sen Dasgupta, Anupam Goswami, Ansuman Mandal: Penetrating Arrow Wound of the Chest -A Case Report. Journal of Case Reports Volume 2 | Issue 2
- Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali SenDasgupta, Harneet Singh Khurana: Cardiovascular Consideration of Bilateral Carotid Body Tumour: a Rare Case Report. International Archives of Medicine 09/2015; Vol. 8(227):1-6.
- Sandeep Kumar Kar, Tanmoy Ganguly, Chaitali Sen Dasgupta: Epidural & Paravertebral Block in Thoracotomy As Multimodal Analgesia. 1st edited by Christina Sevensco, 10/2015; Lambert Academic Publishing., ISBN: 978-3-659-79337-0
- Bhuban Majhi, Sandeep Kumar Kar: Cardiology Of Systemic Sclerosis With Pulmonry Hypertension.. 1st edited by Christina Sevensco, 09/2015; Lambert Academic Publishing., ISBN: 978-3-659-78783-6
- International Journal of Pharmacology, Phytochemistry and Ethnomedicine Vol. 1 (2015) pp 23- Inhalation of Pin – A Rare Case Report., Sandeep Kumar Kar1, Deepanwita Das2, Chaitali Sen3, Riju Bhattacharya4, Asit Muns1, 26Online: 2015-12-02 (2015)
- Perioperative Pediatric Anxiety: Nightmare for the Anaesthesiologist: Review Article: Sandeep Kumar Kar, tanmoy Ganguly, Chaitali Sen Dasgupta, Anupam Goswami. Translational Biomedicine Volume 12(No 3):Page65-72
- HIV: Constraints and concerns For the intensivists: Review Article: Sandeep Kumar Kar, Bipasa Chakraborty, Sudipto Ghosh, Manas Sarkar, Raja Roy Translational Biomedicine. Volume 5(No 4):Page 31-34. Atypical associations of Japanese Encephalitis : A case Report: .Rajat Choudhuri, Sandeep Kumar Kar, Dhiman Adhikari Translational Biomedicine Volume 12(No 4):Page 11-44.

SERVICE INFORMATION

Number of procedures done by this department in different operating rooms

Number of cases Cardiac	511
Number of cases Non-cardiac	406
Number of Cath lab cases	73
Number of Sishu Sathi Cardiac Cases	120

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 Catheterisation Lab procedures as & when required.
- Takes care of patients in CTVS Recovery.
- Actively helps the Department of CTVS and undertakes anaesthetic procedures in complex congenital cardiac surgery done under **Sishu Sathi** Scheme.

Institute of Cardiovascular Sciences

Cardiology

STAFF

Faculty	Qualification	Designation
Dr. Sibananda Dutta	MD, DM	Professor & HOD and Director ICVS
Dr. Sankar Chandra Mandal	MD, DM	Professor
Dr. Dhurjati Prasad Sinha	MD, DM	Professor
Dr. Biswakes Majumdar	MD, DM	Professor (working on detailment as PI and RA – 3 days a week)
Dr. Achyut Sarkar	MD, DM	Associate Professor
Dr. S. S. Islam	MD, DM	Associate Professor
Dr. Saroj Mandal	MD, DM	Assistant Professor
Dr. Bhuban Majhi	MD, DM	Assistant Professor
Dr. Asit Das	MD. DNB	RMO-cum-Clinical Tutor
Dr. Arindam Maitra	MD, DM	RMO-cum-Clinical Tutor
Dr. Arijit Samanta	MD	RMO-cum-Clinical Tutor
Dr. Niloy Banerjee	MD	RMO-cum-Clinical Tutor

Post-doctoral trainees

2013 – 2016	2014 – 2017	2015 – 2018
Dr. Sreedharan R	Dr. Priyanka Mandal	Dr. Pulakesh Sinha
Dr. Manish Vinayak	Dr. Amit Kumar Jha	Dr. Soumya Kanti Dutta
Dr. Vishal Batra	Dr. Prashant Kumar	Dr. Ashesh Halder
Dr. Sonali Sarkar	Dr. Anurag Passi	Dr. Suman Chatterjee
Dr. Sumanto Mukhopadhyay	Dr. Somnath Mukherjee	Dr. Soumik Ghosh
Dr. Soumik Chaudhuri	Dr. Kaushik Paul	Dr. Apurba Bikash Pramanick
Dr. Manjunath D.	Dr. Atindranath Bandyopadhyay	Dr. Samir Kumar Roy
Dr. Satrajit Samanta	Dr. Tusharkanti Patra	Dr. Avijit Moullick
Dr. Pankaj Sarkar	Dr. Gouranga Sarkar	Dr. Soumyajit Ghosh
Dr. Rahul Arora		
Dr. Kausik Bandyopadhyay		

Faculty news

Prof. Sibananda Dutta

- Continues as president of Cardiology Society of India, West Bengal Branch for 2nd year.
- Attended ESC in London as faculty.
- Postdoctoral (DM) examiner in CMC Vellore, MGR University.
- Allotted fellowship of CSI .
- Editorial board member of CSI & JIMA.

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 meet.
 - Euro PCR.
- American College of Cardiology Extended Learning (ACCEL) session.
- India Live 2015.

Prof. D. P. Sinha

- Organizing Secretary of CSI WB update 2015.
- Faculty of EIICON.
- Faculty of CSI 2015.
- Attended EURO PCR 2015 at Paris as faculty.

Dr. Saroj Mandal

- Invited as a Chairperson in Cardiology Society of India WB conference.
- Elected Organizing Secretary SCI India 2016 to be held at Kolkata.
- Attended Intervention Council meet Mid Term New Delhi 2015.
- Faculty EIICON 2015.
- Invited as Faculty in Malaysia Live 2015.
- Elected Fellow of Asian Pacific Society of Intervention Cardiology 2015 (FAPSIC).
- Attended AICT Conference at Dhaka.
- Publications
 - Menstrual and gonadal function alteration in women with systemic lupus erythematosus. JAPI 2015; 63: 35-9.
 - Complete heart block and pregnancy outcome: an analysis from Eastern India (as first author) SOJ; Journal of Gynecology, Obstetrics and Women's Health 2015; 1: 1-5.
 - LMCA Bifurcation Stenting in patient with Cardiogenic Shock in IJCP focus Update in India Live 2015.
 - An unusual presentation of mitral stenosis. Bangladesh Medical Journal [Accepted]

Dr. Bhuban Majhi

- Delivered Lecture on 'Current Status of Thrombosuction in primary PCI' in EIICON 2015 at Kolkata.
- Presentation on 'current status of carotid intervention' in cardiology update on Annual Conference of CSI West Bengal chapter.
- Publications
 - Unilateral conjunctivitis of unique etiology. A case report from Eastern India. Journal of Natural Science Biology and Medicine.
 - Conjunctival oculosporidiosis; A case report from a nonendemic zone in India. Archives of Medicine and Health Sciences.
 - **Book:** Bhuban Majhi, Sandip Kumar Kar. Cardiology of systemic sclerosis with pulmonary hypertension. Lambert Academic Publishing.

ONGOING TRIALS AND PROJECTS

1. Odyssey outcomes- a randomized placebo controlled, double blind, parallel-group study to evaluate the effect of sar 236553/regn727 on the occurrence of cardiovascular events in patients who have recently experienced acute coronary syndrome. Prof. D. P. Sinha, Dr. S. Aditya, Dr. S. Singh.
2. A comparative study of clinical & angiographic profile in pre & post menopausal women in a tertiary care center. Dr. P. Saha, Prof. S. Dutta
3. Study on relation between left atrial volume index & left ventricular end diastolic pressure in patients with acute myocardial infarction. Dr. Sonali Sarkar, Prof. S. C. Mandal.
4. Evaluation of prognostic utility of ST segment resolution following primary PCI. Dr. Vishal Batra, Prof. S. C. Mandal.
5. To evaluate the left & right ventricular systolic & diastolic function in children before & after patent ductus arteriosus closure by two-dimensional echocardiography & hemodynamic data obtained in the catheterization laboratory. Dr. Rahul Arora, Dr. A. Sarkar
6. A study on impact of radial artery cannulation for coronary angiography on radial artery function by flow mediated dilation of radial artery. Dr. Satrajit, Dr. S. S. Islam.
7. To study the effect of remote ischemic post conditioning of lower limb during primary percutaneous coronary intervention in reducing the enzymatic infarct size in acute myocardial infarction. Dr. Shreedhar, Prof. S. Dutta.
8. A comparative study of echocardiography evaluation of LV mass & function in normotensive diabetic patient in SSKM Hospital. Dr. Pankaj, Dr. S. S. Islam.
9. Clinico-angiographic correlation in patients of non ST elevation MI (NSTEMI) with follow up. Dr. D. Manjunath, Prof. S. C. Mandal, Dr. B. Majhi.

10. Assessment of prognostic factors & Natural history of primary pulmonary hypertension in Eastern India. Dr. Manish Vinayak, Prof. D. P. Sinha.
11. Study to assess efficacy of ankle brachial index as a risk factor in suspected coronary artery disease. Dr. Soumik Chowdhary, Prof. S. Dutta.
12. Electrocardiographic differences between ischemic & non ischemic left ventricular dysfunction. Dr. Sumanto Mukherjee, Prof. D. P. Sinha.
13. Study on etiopathogenesis & clinical profile of adult patients with pulmonary artery hypertension in Eastern India. Dr. Kausik Bandyopadhyay, Prof. D. P. Sinha, Dr. B. Majhi.

AWARDS

- Dr. Soumik Chowdhary was the national topper in the 'Torrent Young Scholar Award' in Cardiology, 2015 and was among the top five post-doctoral trainees in the national finals.
- Dr. Kausik Bandyopadhyay was first winner and Dr. Manish Vinayak third in the 'competitive CD session' at the East Zonal ECHO Conference, Kolkata, June, 2015.
- Dr. Vishal Batra, Dr. Manish Vinayak and Dr. Rahul Arora were first in quiz competition at CSI, West Bengal chapter 2015.
- Dr. D. Manjunath won first prize in CD presentation in SCI Conference WB, India, July 2015.
- Dr. D. Manjunath, Dr Sumanto Mukharjee and Dr. Rahul Arora won second prize in quiz competition at CSI (Interventional), West Bengal Chapter, 2015.

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 Training on non-invasive methods and invasive investigations and interventions 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
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	1620
• Permanent pacing	1350
• Coronary angioplasty ± stenting	1520
• Peripheral angioplasty ±stenting	70
• Coronary Angiography	3298
• EP study with RF Ablation	22
• Balloon Mitral Valvuloplasty	190
• Balloon Pulmonary Valvuloplasty	11
• Other interventions AICD	10
• CRTD	8
• P D A	26
• Cardiac Catheterisation	75
• ASD closure	4
• VSD closure	3
• Other procedures like renal artery stenting, IVC cavoplasty, septal ablation in HOCM etc.	10

OTHER INFORMATION

DNB Cardiology Examination (on all India basis) has been held twice in this year

Eleven DM (PDT) candidates have passed the D.M (Cardiology) Exam in 2015: Dr. Suraj Singh, Dr. Md. Irsad Alam, Dr. Nadeem Afroj Muslim, Dr. Priyam Mukherjee, Dr. Nabarun Roy, Dr. Tanmoy Majhi, Dr. Pradip Saha, Dr. Chanchal Kundu, Dr. Uttam Sarkar, Dr. Subhra Aditya, Dr. Sailesh Patil.

Nine Doctors as DM Trainee have joined this year.

Separate Pediatric Cath-Lab was inaugurated on 2015.

PROPOSED DEVELOPMENTAL PROJECT

- HDU in our 1st floor of Annexure Building for post-procedural patient and as a step down unit of ICCU
 - Emergency cardiology service at ground floor with two emergency beds, echocardiography and bed side monitoring.
-

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
8. Dr. Uttam Mukherjee MS, MCh FIACS	Assistant Professor

Medical Officers

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

Postdoctoral (MCh) trainees

3rd Year (2013-2016)	2nd Year (2014-2017)	1s Year (2015-2018)
<ul style="list-style-type: none"> • Dr. Santosh Kumar Pandey • Dr. Gautham Shetty • Dr. Pramesh Jain 	<ul style="list-style-type: none"> • Dr. Debajyoti Mandal • Dr. Arnab Maity 	<ul style="list-style-type: none"> • Dr. Raja Lahiri

FACULTY NEWS

Prof. Subhankar Bhattacharya

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

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.

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.

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.
- In-charge of the kidney transplant programme.

Dr. Anshuman Mandal

- Examiner in DPFT course.

ACADEMIC ACTIVITIES

Saturday is our teaching programme day. Different topics of the subject are distributed to cover the M.Ch. Syllabus as far as possible. On this day we also arrange for different seminars. Before final exam we arrange for a mock test.

Department organised a wet lab cum workshop on valve replacement on bovine heart. This helped a lot to the M.Ch. students. Wet lab organized for valve implantation & CME in 2015.

Dr. Arnab Maity, post doctoral trainee, second year, was awarded the first prize in a competitive paper session arranged by the **West Bengal Association of Cardiothoracic Surgeon** in the month of October, 2015

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

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 this year and this is for **Sishu Sathi patients**. We regularly do two to three Sishu sathi cases per week, along with 3 to 4 CABGs & 3 to 4 valve surgeries. We are now doing total 13 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
207	227	160	190	310	57	750	120	2125

Percentage increased 17%.

Number of patients operated below 12 years of age 170

Number of patients operated in Shishu Sathi scheme 120

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	Unit3A	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	<ul style="list-style-type: none">• Dr. Santanu Dutta• Dr. Subhendu Mahapatra	<ul style="list-style-type: none">• Dr. Ansuman Mondal• Dr. Subhendu Mahapatra• Dr. Uttam Mukherjee

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

Monday	Prof. Goutam Sengupta
Tuesday	Dr. Santanu Dutta
Wednesday	Dr. Prakash Sanki
Thursday	Dr. Ansuman Mondal, Dr. Uttam Mukherjee
Friday	Prof. S. 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 /Dr. U. Mukherjee 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 in 2015. So an alternate way to fill the vacuum is necessary. Otherwise patients will be deprived from our service.

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. Manjari Saha	MD	Associate Professor
Dr. Souvik Kanjilal	MD, DM (Cardiology)	Assistant Professor
Dr. Sumit Kumar Chakraborti	MD, DM (Endocrinology)	Assistant Professor
Dr. Subhra Aditya	MD, DM (Cardiology)	Assistant Professor
Dr. Anupam Mondal	MD	Assistant Professor
Dr. Pranab Kumar Maity	MD	Assistant Professor
Dr. Subrata Halder	MD	Assistant Professor
Dr. Tapan Kumar Mandal	MBBS	Medical Officer

Office staff

Name	Designation
Biswajit Debnath	Computer Professional
Bikash Kr Sikder	G.D.A
Sujit Biswas	G.D.A
Kishore Das	G.D.A

Postgraduate trainees

3rd Year (2013-2016)	2nd Year (2014-2017)	1s Year (2015-2018)
Dr. Durjoy Lahiri	Dr. Debdeep Mondal	Dr. Rajarshi Datta
Dr. Abhirup Bhunia	Dr. Adrija Hajra	Dr. Sabyasachi Bhattacharya
Dr. Arnab Banerjee	Dr. Anindya Sengupta	Dr. Sukalpa Chaudhuri
Dr. Ayan Roy	Dr. Abhishek Chowdhury	Dr. Himadri Sonowal
Dr. Ramita Sarkar	Dr. Arpan Dutta	Dr. Vivek Goel
Dr. Shasanka Sekhar Das	Dr. Soumya Ghosh	Dr. Vaibhav Seth
Dr. Shingarlung Kamei	Dr. Abhishek Mukherjee	Dr. Somnath Mandal
Dr. Sayan Ghosh	Dr. Snehasis Das	Dr. Saugat Das Gupta
Dr. Arabinda Patra	Dr. Subhasis Majhi	Dr. Subir Sen
Dr. Rajeev Ranjan	Dr. Anindya Mondal	Dr. Jagannath De
Dr. Kity Sarkar	Dr. C. Zarzosangi	Dr. Sujata Kumari
Dr. Rakesh Agarwal	Dr. Pratyush Biswas	Dr. Biren Kumar Bera

Dr. Amrita Biswas	Dr. Biswajit Ghosh	Dr. Mosadek Hossain
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Transfers and postings

Officers transferred out

Name	Designation	Transferred to	Date of release
Subrata Basu	Assistant Professor	Burdwan Medical College, Burdwan	03.09.2015
Sattik Siddhanta	Assistant Professor	Medical Teacher on Trainee Reserve	
Rahul Goel	Assistant Professor	Medical Teacher on Trainee Reserve	

Officers transferred in

Name	Designation	Transferred from	Date of joining
Dr. Shantasil Pain	Professor	North Bengal Medical College, Darjeeling	25.05.2015
Dr. Jotideb Mukhopadhyay	Professor	Murshidabad Medical College	29.01.2015 (on detailment)
Dr. Sumit Kumar Chakraborti	Assistant Professor	Medical Teacher on Trainee Reserve	01.09.2015
Dr. Subhra Aditya	Assistant Professor	Medical Teacher on Trainee Reserve	01.09.2015

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 2015

1. A study of periodontitis in diabetic patients with special reference to nephropathy. Dr. Durjoy Lahiri. Guide: Prof. Jotideb Mukhopadhyay
2. Renal function test in people living with HIV with special reference to the effects of tenofovir. Dr. Arabinda Patra. Guide : Dr. Sattik Siddhanta & Prof. Jyotirmoy Pal.
3. A study on correlation between microalbuminuria and ultrasonographically measured carotid artery intima media thickness in type 2 diabetes mellitus subjects. Dr. Amrita Biswas. Guide: Dr. Avas Chandra Roy.
4. Study of bone health in overweight and obese adults with non-alcoholic fatty liver disease. Dr. Ayan Roy. Guide : Prof. Soumitra Ghosh.
5. Infection in mechanically ventilated patients versus nonventilated patients in general intensive care unit : prevalence, drug sensitivity pattern, response & outcome. Dr. Ramita Sarkar. Guide : Prof. Ashutosh Ghosh.
6. Study of the correlation between fat mass and lean mass with measures of bone health in overweight and obese south Asian adults. Dr. Sayan Ghosh. Guide : Prof. Soumitra Ghosh & Prof. Asutosh Ghosh.
7. A study to determine the role of thoracic ultrasound in evaluation and follow up of patient with interstitial lung disease in systemic sclerosis. Dr. Shasanka Sekhar Das. Guide: Prof. M.K. Das .
8. A study of bone mineral density in patient below 50 yrs old being treated with levothyroxine. Dr. Kity Sarkar. Guide : Dr. Avas Chandra Roy & Prof. M. K. Das.
9. Prevalence of urinary tract infection in general medicine ward in a tertiary care hospital, its bacteriological profile and antibiotic sensitivity. Dr. Rajeev Ranjan. Guide: Prof. P.K. Dutta
10. Study on prevalence of cardiac involvement in takayasu's arteritis and it's relation with age of presentation and disease activity in a tertiary care centre. Dr. Abhirup Bhunia. Guide : Prof. Alakendu Ghosh
11. Prevalence of pulmonary arterial hypertension in chronic kidney disease patients and correlation with its stages. Dr. Arnab Banerjee. Guide : Prof. P.K. Dutta.
12. A study of the prevalence of gestational diabetes mellitus with special reference to its risk factors and the possible use of 75-gram random OGTT for its diagnosis. Dr. Rakesh Agarwal. Guide: Prof. Jotideb Mukhopadhyay.
13. To compare between National Institute of Health (NIH) and Euro lupus regimen on management of lupus nephritis patients in tertiary care centre. Dr. Shingamlung Kamei. Guide: Prof. Alakendu Ghosh.

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 (Emergency Building)

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
Tuesday	II	Prof. Soumitra Ghosh, Prof. Asutosh Ghosh, Dr. Srabani Ghosh & Dr. Subhra Aditya
Wednesday	III	Prof. Mridul Kanti Das, Dr Avas Chandra C. Ray & Dr. Souvik Kanjilal
Thursday	IV	Prof. Pradip Kumar Dutta , Dr. Niladri Sarkar & Dr. Ananta Kumar Dutta
Friday	V	Prof. Alakendu Ghosh, Prof. Jotideb Mukhopadhyay & Dr. Sumit Kumar Chakraborti
Saturday	VI	Prof. Shantasil Pain, Dr Subrata Halder & Dr. Pranab Kumar Maity
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 Monday, 11.30 AM
Venue : Emergency Building, Ground Floor, MOPD Room No. 12A

Name of Clinic : **Cardio-Diabetology Clinic**
V.P. in-Charge : Dr. Avas Chandra Ray & Dr. Pranab Kumar Maity
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	M.D., DGO, DCP	Professor & Head
Dr. Manash Sarkar	MD, DTM & H	Professor (joined as MSVP on 26.05.15)
Dr. Raja Ray	MD, Ph D, DTM&H.	Professor
Dr Kalidas Rit	M.D	Associate Professor
Dr. Hirak Jyoti Raj	MD	Assistant Professor
Dr. Nupur Pal	MD, DCH	Assistant Professor
Dr. Roumi Ghosh	MD, DNB	Assistant Professor (joined on 15.12.14)
Dr. Suranjan Pal	MD, DNB	Demonstrator (joined on 20.08.15)
Dr. Arani Debnandi	MD	Demonstrator (joined on 20.08.15)

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 .

- It is worth mentioning that Mr. Debabrata Chakrabarty, one of our Ex-Medical Technologist is rendering voluntary service with full devotion for last 3 years after his superannuation.
- Mr. Biswanath Das is working as Data Entry Operator of IDSP

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

MD students

3rd Year (2013-16)	2nd Year (2014-17)	1st Year (2015-18)
Dr. Asmita De Dr. Lalbiaktluangi Dr. Raja Ray Dr. Prabir Kr Ghosh # Dr. Rita Tudu (2012-15 Extended)	Dr. Arjun Dutta Dr. Tamas Das Dr. Munmun Sarkar Dr. Anjan Kr. Das	Dr. Indraneel Saha Dr. Abirlal Sanyal Dr. Anjum Namhata Dr. Tanusri Halder

REGULAR ACADEMIC ACTIVITIES

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

FACULTY NEWS

Prof. P.K. Maiti

- Examiner & paper setter for MBBS, MD (Microbiology) examinations of WBUHS.
- Adjudicator for MD theses from WBUHS.
- Under his supervision one candidate completed Ph.D. thesis this year and two more are continuing research.
- Reviewer of articles for Indian Journal of Medical Microbiology, Journal of Indian Medical Association, Indian Journal of Medical Research & Medical Glory (a publication of W.B. Medical Council).
- Accepted offer of Honorary Fellow of Indian Mycology Society (FIMS).
- Member of B.O.S., WBUHS , Pharmacovigilance Committee & Purchase Committee of IPGMER.

Prof. Raja Ray

- Paper setter for MD(Microbiology), MBBS, DMLT, BSc. Nursing & examiner for MBBS, DMLT. BSc. Nursing of WBUHS
- Adjudicator of MD Thesis from WBUHS
- Under his supervision Baldev Das completed PhD thesis this year(submitted on 19/8/2015) under Vidyasagar University, Midnapore.
- MCI Inspector for PG at Indore & for UG at Kanyakumari.
- Member of RNTCP, Nodal Microbiologist, IDSP, Member Secretary, Hospital Infection Control Committee & Member Drug and Therapeutics Committee; Member of Hostel Supervisory Committee of IPGMER
- Speaker at the "Swine Flu Orientation Programme" for Doctors, held at GLT,IPGMER in March,2015 Speaker on "BioMedical Waste Disposal" as part of HIC orientation and 'Problems in Lab testing of Dengue, JE' as part of awareness for clinical faculty and PGTs,Speaker on 'Ebola" on WHO Day,7th April,2015.
- Subject expert for selection of Microbiology faculty at Joka ESIC
- Reviewer of articles for Indian Journal of Public Health.

Prof. Manash Sarkar

- Paper setter for MD(Microbiology), MBBS & DMLT examination, W.B.; Moderator for MBBS, DMLT Examination and adjudicator for MD thesis of different universities.
- Examiner of MBBS, MD of WBUHS & some other universities.
- He is member secretary, B.O.S., WBUHS.
- Now he is acting as MSVP of IPGMER from 26.05.15..

Dr Kalidas Rit

- In-Charge, CSSD, SSKM Hospital.
- Examiner/ Scrutinizer of MBBS,BDS, DMLT, B.Sc. Nursing & Paper setter for BPT & DMLT

Dr Hirak Jyoti Raj

- Member of Hospital Infection Control Committee of IPGMER & ART Core Committee.
- He served as scrutinizer in MBBS and MD examination (WBUHS) and examiner of DMLT examination(WBSMF)
- He received "Internal auditors' training on ISO:15189:2012And NABL 112 requirements; Quality Control" .

Dr. Nupur Pal

- In-Charge, Departmental Library & Museum.
- Received Teachers' Training

Dr. Roumi Ghosh

- Member of Hospital Infection Control Committee of IPGMER.
- Received Diploma in Hospital Management and WHO-ICMR-PGIMER National training course on "Diagnostic Medical Mycology- Conventional and Molecular Techniques" held at PGIMER, Chandigarh from 18th-23rd May, 2015.
- She acted as reviewer of article for Journal of Revista do Instituto de Medicina Tropical de Sao Paulo.
- Speaker at the "Swine Flu Orientation Programme" for Paramedical staffs held at GLT, IPGMER in March, 2015

CONFERENCE & WORKSHOP ATTENDED

- Four PGTs Dr. Raja Ray, Dr. Prabir Ghosh, Dr. Arjun Dutta, Dr.Tamas Das & research scholars Jayeeta Haldar attended 39th. National Conference of IAMM (Microcon2015) at Pondichery.
- Prof. Raja Ray & Prf. PK Maiti served as Chairperson at the 10th IAMM State Conference(West Bengal Chapter) held in September,2015. Dr. HJ Raj, Nupur Pal, Roumi Ghosh, Suranjan Pal, Arani Debnandi and all PGTs also attended the conference. Dr. Roumi Ghosh, Asmita De, Prabir Ghosh, Lalbiaktluangi, Anjum Namhata, Indranil Saha presented papers in that conference.
- Dr. Suranjan pal delivered an invited oration on 'good sample: a practical approach to proper pre-analytical care for critical clinical samples' in the department of microbiology at ESI-PGIMSIR & ESIC Medical College, Joka on 10th December,2015.

AWARDS & ACHIEVEMENT

- Dr. Prabir Ghosh & Dr. Raja Ray received best prizes for paper presentation (Session III & IV respectively) in 59th Foundation Day Ceremony of IPGMER, held on 16.01.2015. Thus Microbiology has become the first department to achieve this award for consecutive four years.
- By an initiative the look of Microbiology Museum has been totally changed by active participation of students. Now it contains good number of charts & models done by students.
- Microbiologists under Hospital Infection Control Committee solved the problem of high incidence of recurrent port-site infections following laparoscopy, which were caused by atypical mycobacteria of environmental sources.
- Fungi from two unusual cases of disseminated histoplasmosis and one case of hyalohyphomycosis were isolated, identified and deposited to referral centre.
- Received a fund of Rs. 15 Lac from WBDST for improvement of Science & Technology Infrastructure. Automated blood culture system has been installed under this project. Also a grant of Rs. 5 Cr. has been allotted from ICMR for establishment of VRDL in Microbiology department.
- Jayeeta Halder received certificate for best presented topic of the session in National Conference of Microbiology at Pondicherry (Microcon 2015).

PUBLICATIONS

Journal articles

- 1 Maiti PK, Chakraborty B, Ghosh S, De A. Does the benefit of salvage amputation always outweigh disability in drug-failure Mycetoma?: A tale of two cases; *Indian Journal of Dermatology*: vol 60(1), p74-6; 2015
- 2 Chatterjee S, Biswas N, Datta A, Dey R, Maiti PK. Atomic force microscopy in biofilm study. *Microscopy*, 2014, (Advance Access Published May 2, 2014), 1-10. Doi:10.1093/jmicro/dfu013.
- 3 Suparna Dutta Sinha, Susmita Chatterjee, Prasanta Maiti, Sujata Tarafdar, Satya Moulik. "Bacterial biofilms on implant materials: Effect of substrate" Accepted for publication in " *Journal of Advanced Healthcare Materials*". The manuscript number "adhm.201400782".
- 4 Maiti PK, Naha A, Ghosh P, Ghosh R, Chatterjee G. First reported human case of bilateral subcutaneous phaeohyphomycosis by a new member of Dothideomycetes (Pleosporales) spp. *Int.J.Curr.Microbiol.App.Sci* (2015) 4(5): 97-103
- 5 Asis Manna, Jhuma Manna, Dwijendra Nath Gangopadhyay, Raja Ray, Prasanta Kumar Maiti. A study of growth and physiological characteristics of *Malassezia furfur* on indigenously developed Coconut milk agar medium. *Int.J.Curr.Microbiol.App.Sci* (2015) 4(5): 1005-1014
- 6 Subhadip Dhara, Bipasa Chakraborty, Debasish Ghosh, Soumik Basu, Kalidas Rit, Raja Ray. Comparative study on outcomes of type 1 tympanoplasty in active and inactive variety of chronic otitis media. *European Journal of Biomedical and Pharmaceutical Sciences*. 2015; 2(1):147-53
- 7 Chatterjee Kaushik, Dash Siddhartha Sankar, Das Baldev, Ray Sabyasachi, Ray Raja. "Intestinal Parasitic infections and its prevalence among school going children and pregnant women in Paschim Medinipur district, West Bengal, India". *International Journal of Science and Technology*. (2015); 1(3):20-25.
- 8 Das Baldev, Chatterjee Kaushik, Ali Monzur Kazi, Ghosh Debidas, Ray Raja. "Laboratory Profile with Infrastructural facilities available in Pathological centres of Hooghly and Burdwan Districts of West Bengal: A Comparative Analysis between Government and Private run Laboratories". *International Journal of Science and Technology*. (2015); 3(10):41-57.
- 9 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)
- 10 Raj H.J, Majumdar B, Jain A, Maiti P.K., Chatterjee G. "A clinico-mycological study on suspected cases of Chromoblastomycosis: challenges in diagnosis and management". *Journal of Clinical and diagnostic Research*. 2015 Dec, Vol-9(12): WC01-WC04
- 11 Nupur Pal, Asmita De, Mousumi Mondal, P.K.Maiti. An unusual case of pyopneumothorax due to *Candida albicans*. *Int.J.Curr.Microbiol.App.Sci* (2015) 4(7): 716-719
- 12 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*

Papers presented in 59th Foundation Day Ceremony of IPGMER & 9th. Reunion 2015:

1. Study of microbial flora in bed sores with special emphasis on anaerobes at a tertiary level hospital. Lalbiaktluangi, Ray R, Maiti PK, Haldar J
2. A novel biofilm intervention strategy by a coat of a preformed biofilm structure. Maiti PK, Asmita De, Susmita Chatterjee, Arjun Dutta.
3. Concordance of LAMP and conventional methods to diagnose Tuberculosis. P.K Ghosh, R.Ray, K.Rit, B.Chakrabarty, Maiti PK
4. Nano-adjuvant, new ray of hope against anti-microbial resistance. Maiti PK, Ray R, Abhishek Adhya.

Paper presented in 5th. Annual Conference of Clinical Infectious Disease Society (CIDCON-15) held at New Delhi on 21-23 Aug. 2015:

1. Roumi Ghosh. A case of post-laparoscopic port site infection by Mycobacterium abscessus in a tertiary care centre.

Papers presented in XXXVIII National Conference of IAMM (MICROCON 2015) at Pondicherry, held on 26 th. Nov. 2015:

1. Biofilm colonization of *Bacteroidis fragilis* in treatment refractory anal fistula: Atomic Force Microscopy study report. Jayeeta Haldar, Asmita De, Prof. Sangam Banerjee, Prof. P. K. Maiti. (Received certificate for "Best Topic")
2. A study of antibacterial action of silver nano particles on the Mueller Hilton Agar plates. Raja Ray, Prof. PK Maiti, Abhishek Addya.
3. Concordance of LAMP and conventional methods to diagnose tuberculosis. Prabir Ghosh, Prof. Raja Ray, Bipasa Chakraborty, Prof. PK Maiti.

Papers presented in 10th State Chapter Conference of IAMM held at CMC on 20.9.15.

1. Hospital acquired non-tubercular mycobacterial infections: a new challenge for infection control. Dr. Roumi Ghosh, Dr. Soumen Das, Dr. Harish Kela, Dr. Asmita De, Prof. Prasanta Kr. Maiti.
2. Fistula in ano is a biofilm disease by anaerobic bacteria: A new outlook. Asmita De, Jayeeta Haldar, Prof. Prasanta Kr. Maiti,
3. High precision average colony size scoring system and its applications. Dr.Anjum Namhata, Dr. Hirak Jyoti Raj, Dr. Munmun Sarkar, Prof. Prasanta Kr. Maiti.
4. A case of VP shunt infection by *Pepto-streptococcus spp.detected* by our novel innovative technique. Lalbiaktluangi, Jayeeta Haldar, Raja Ray, Prasanta Kr. Maiti
5. Ophthalmic preparation of Itraconazole : Scopes and limitations. Dr. Prabir Kumar Ghosh, Soma Bandyopadhyay, Prof. Prasanta Kr. Maiti,
6. Study of microbial flora in pressure sores with special emphasis on anaerobes at a tertiary care hospital. Dr.Indraneel Saha, Dr.Lalbiaktluangi, Jayeeta Halder,Prof.Prasanta Kumar Maiti, Prof.Raja Ray

MD theses submitted in 2015

1. Demonstration of Lepra Bacilli in Clinical materials of Human Leprosy cases with special reference to cultural aspect. Dr.Rita Tudu. Guide;Prof. Raja Ray, Prof. PK Maiti.(submitted Sept,2015).
2. Association of biofilm colonization in chronic treatment refractory infections presenting with discharging. Dr. Asmita De. Guide: Dr. PK Maiti, Dr. H. J. Raj
3. Isolation, identification and drug sensitivity study of aerobic and anaerobic organism responsible for bed sore and monitoring change of microbial population following standard treatment. Dr Lalbiaktluangi . Guide: Dr. Raja Ray
4. A Study on the Comparative Sensitivity of Smear Microscopy, Solid and Liquid Culture Methods and A Newer Molecular Technique in the Isolation of Mycobacterium tuberculosis Complex in Paucibacillary Pulmonary and Extra Pulmonary Clinical Samples.Dr. Prabir Kumar Ghosh; Guide: Dr. Raja Ray & Dr. Kalidas Rit.

5. Study of the synergistic action of nano-silver with ciprofloxacin, amikacin & piperacillin on various bacterial strains. Dr Raja Ray. Guide: Dr P K Maiti.
6. A Comparative Study of Moxifloxacin alone versus Doxycycline and Metronidazole For The Treatment of Uncomplicated Pelvic Inflammatory Disease. Dr. Priyadarshini M.(G&O); Guide: Dr. Gourishankar Kamilya. Dr. Raja Ray

Ongoing research work for MD theses

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.
5. Difference in Growth and Drug susceptibility between in-vitro and in-vivo simulating growing conditions with special reference to common non-fastidious respiratory pathogens Dr. Anjum Namhata ; Guide: Prof. PK Maiti, Dr. H. J. Raj.
6. 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).
7. A study of geriatric urinary tract infections, with special reference to electrolyte imbalance in a tertiary care hospital .Dr. Abirlal Sanyal; Guide: Prof. Manas Sarkar, Prof. Raja Ray.
8. Study of microbiological profile of device associated infection in critically ill patients with respect to resistogram study and biofilm forming ability at a tertiary care hospital Dr. Indraneel Saha; Guide: Prof. Raja Ray, Dr. Roumi Ghosh , Dr. Rajat Choudhuri.

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 Haldar, 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.

SERVICE INFORMATION

Laboratory Tests in Microbiology Laboratory from 01/01/15 – 31/12/15 (Total = 80,529)

Daily average (~ 200 working days / year) = 403

Test	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec*	Total
Bacteriology (Total = 21,809)													
Urine	1042	1141	1229	1023	971	1232	1150	1230	1147	1038	2257	1554	15014
Throat	2	2	2	3	1	02	0	4	0	0	0	10	26
Wound	139	95	93	113	103	117	90	137	127	149	163	180	1326
Blood	121	132	111	115	130	143	118	143	169	159	174	155	1670
Body fluids*	126	101	119	114	148	158	172	159	135	167	118	121	1638
Sputum	81	172	60	54	51	63	59	92	108	91	112	76	1019
Other swabs	1	-	1	6	5	4	3	0	2	04	0	0	26
CSF	4	7	14	9	12	12	11	13	19	31	26	58	216
OT swab	80	48	66	27	90	74	67	91	133	86	40	72	874
Serology (Total = 55,117)													
RA	69	56	49	68	58	42	48	27	29	21	35	53	555
ASO	101	99	108	91	113	80	74	65	62	44	51	65	953
CRP	283	255	343	326	347	348	232	204	212	194	254	290	3288
Widal	9	4	20	27	25	22	23	37	43	46	57	55	368
VDRL	317	328	503	340	160	175	148	216	255	238	261	235	3176
HBsAg	1885	1834	1799	1835	1903	1996	1916	1837	1861	1824	1974	1976	22640
HCV	1632	1550	1732	1645	1764	1866	1834	1701	1706	1685	1885	1856	20856
HAV	4	0	7	0	8	5	0	5	0	0	0	0	29
HEV	6	0	7	0	8	5	0	5	0	0	0	0	31
ANF	14	10	2	3	9	2	0	1	2	0	0	0	43
Mantoux	67	98	123	105	110	139	82	103	85	62	141	126	1241
Dengue	38	42	67	42	33	35	44	100	244	309	432	363	1749
JE	4	10	5	2	2	8	5	10	50	21	43	28	188
Miscellaneous (Total = 3,603)													
Malaria	14	30	81	206	214	85	49	62	66	88	86	76	1057
Fungal culture	8	15	14	12	35	73	68	42	96	42	46	55	506
M/E for fungus	23	30	20	36	38	32	80	58	82	45	60	63	567
AFB stain	80	82	78	72	81	87	79	85	72	91	87	74	968
AFB Culture	2	14	7	11	09	11	13	11	15	12	14	16	135
Slit skin	20	28	35	39	38	22	34	32	18	25	29	38	358
LAMP (PCR)	0	12	0	0	0	0	0	0	0	0	0	0	12

Neonatology

STAFF

Dr. Suchandra Mukherjee	MD Paediatrics	Professor And Head
Dr. Ranajit Mukherjee	MD Paediatrics	Associate Professor
Dr. Tapas Som	MD Paediatrics, DM Neonatology	Associate Professor
Dr. Bijan Saha	MD Paediatrics, DM Neonatology	Assistant Professor
Dr. Dinesh Munian	MD Paediatrics	Assistant Professor
Dr. Ratan Kumar Biswas	MD Paediatrics	Assistant Professor, , 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 Paediatrics	Assistant Professor
Dr. Anindya Kr Saha	MD Paediatrics	RMO Cum Clinical Tutor , On Training Leave For DM Neonatology
Dr. Rameswar Prasad	MD Paediatrics	DM Resident
Dr. Somnath Paul	MD Paediatrics	DM Resident
D.r Moumita Ghosh	MD Paediatrics	DM Resident
D.r Saugata Choudhuri	DNB Paediatrics	DM Resident
Dr. Sudipta Dasgupta	DCH	Medical Officer
Dr. Amit Banerjee	DCH	Medical Officer
Dr. Manasi Purkait	DCH	Medical Officer
Dr. Sarbani Bagchi	MD Paediatrics	Senior Resident

IMPORTANT ACHIEVEMENTS IN 2015

- Extension of the service of the Department of Neonatology with increase in the NICU and SNCU beds from 2nd October 2015. At present the department is running with 100 beds.
- Genetic testing & counseling centre at the department of neonatology, SSKM hospital.

SERVICE INFORMATION

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

Special New Born Care Unit: 42 beds at 3rd Floor and 25 beds at ground floor of new Neonatology building.

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,
- Neurodevelopment clinic and Follow up services. The unit is equipped with 18 conventional ventilators and 1 high
- Frequency ventilator, 3 bubble CPAP. Amplitude EEG for continuous brain function monitoring with Video EEG,

- Digital X-ray, ultrasound, echo cardiograph 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.
- Estimation and blood grouping. The unit provides services for ROP screening and laser therapy and hearing
- Screening before discharge. Cardiac surgery for congenital heart disease in collaboration with Department of Cardiothoracic Surgery and Department of Cardiology has been started .

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 2pm, Saturday 9 am to 12 Noon)

Neonatal and fetal surgery OPD: At new Neonatology building, ground floor, on Tuesday and Saturday.

Regular neonatal surgeries performed at neonatal surgery OT.

Total Neonatal surgery done in 1 yr average 150 (from December 2013 – November 2014): 134

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

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

Human Milk Bank

The Chief Minister, Govt. of West Bengal has inaugurated Eastern India's first Human Milk Bank at the ground floor of new building for Institute of Neonatology, IPGME&R, SSKM Hospital on 7th August, 2013. This is the most advanced and well equipped human milk bank in India. Admitted babies in NICU and SNCU are getting pasteurised milk from this milk bank.

Departmental Sterile Supply Division for NICU

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

Satellite Unit

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

Retinopathy of Prematurity clinic

Screening for retinopathy of prematurity (ROP) of preterm and sick babies required oxygen in NICU and SNCU, IPGME. & various SNCUs of west Bengal and others referred from other health care facilities. This service is available every week on Wednesday from 04:00PM 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 2010-2014 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%

OPD statistics (April 2015 – November 2015)

S. No.	OPD	No of cases
1	Neonatal Medicine OPD	3171
2	Neonatal Surgery OPD	167
3	Neurodevelopment Clinic	2700
4	RBSK OPD	4207

MORTALITY (January 2015 – November 2015)

INBORN			OUTBORN		
Total live births	Total deaths	Inborn NMR	Total Outborn admission	Total deaths	Out born CFR
3689	90	24.39 per 1000 LB	357	60	16.81%

Month wise statistics of NICU : 2015

Month	Admission			Discharged			Death			Referred in
	Inborn	Outborn	Total	Inborn	Outborn	Total	Inborn	Outborn	Total	Total
Jan-15	44	28	72	24	20	44	08	06	14	28
Feb-15	34	36	70	38	19	57	05	04	09	36
Mar-15	56	25	81	51	24	75	02	06	08	25
Apr-15	50	32	82	49	33	82	06	01	07	32
May-15	47	39	86	43	27	70	08	05	14	39
Jun-15	65	28	93	44	33	77	13	03	16	28
Jul-15	74	28	102	59	27	86	10	04	14	28
Aug-15	100	23	123	73	15	88	09	06	15	23
Sep-15	89	28	117	82	18	100	06	09	15	28
Oct-15	81	50	131	71	33	104	08	12	20	50
Nov-15	108	40	148	83	18	101	15	03	18	40

Bed occupancy and duration of stay at NICU : 2015

Month	Bed occupancy	Duration of stay (days)		
		Inborn	Outborn	Average
Jan-15	92%	22	17	19.5
Feb-15	90%	25	19	22.0
Mar-15	92%	24	17	20.5
Apr-15	91%	24	25	24.5
May-15	95%	25	23	24.0
Jun-15	88%	23	21	22.0
Jul-15	100%	25	21	23.0
Aug-15	116%	26	17	21.5
Sep-15	119%	29	21	25.0
Oct-15	68%	39	23	31.0
Nov-15	73%	39	15	27.0

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 .

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 (2012-14)

- 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 (2012-14)

- Viswanathan R, Singh AK, Basu S, Chatterjee S, Sardar, S, Isaac D , Multi-drug resistant gram negative bacilli causing early neonatal sepsis in India Arch Dis Child Fetal Neonatal Ed (2011). doi:10.1136/archdischild-F2 of 6 2011-300097.
 - Roy S, Singh A, Mukherjee S, Basu S. Neonatal stool shows emergence of CTX-M 9 group extended spectrum β -lactamases in India . Journal of Tropical Pediatrics . 2011, 29(3) : 305-8.
 - 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.
 - 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.
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Nephrology

STAFF

Faculty	Post / Designation
Dr. Rajendra Pandey, Dip.Card, MD, DM	Professor and Head
Dr. Debabrata Sen, MD, DM	Professor
Dr. Arunansu Banerjee, MD, DM	Associate Professor
Dr. Arpita Roychowdhury, MD, DNB, DM	Associate Professor
Dr. Sanjoy Dasgupta, MD, DM	Associate Professor
Dr. Dipankar Sarkar, MD, DM	Associate Professor
Dr. Aref Hossain, DCH, MD (Med)	RMO-cum-Clinical Tutor
Dr. Sital De, MBBS	Medical Officer
Dr. Kausambi Chowdhury, MBBS	Medical Officer
Dr. Amitava Maiti, M.Sc., PhD	Biochemist

Dr. Manoj Kumar Das has been selected to undergo MD (Medicine) under the West Bengal University of Health Sciences.

Postdoctoral trainees

1. Dr. Subho Banerjee, 3rd year DM PDT
2. Dr. Sandipan Halder, 3rd year DM PDT
3. Dr. Manong Chohwanglim, 3rd year DM PDT
4. Dr. Malagouda R. Patil, 3rd year DM PDT
5. Dr. Tanima Das Bhattacharya, 3rd year DM PDT
6. Dr. Chetan Mahajan, 3rd year DM PDT
7. Dr. Avinandan Banerjee, 2nd year DM PDT
8. Dr. Kaushik Bhattacharjee, 2nd year DM PDT
9. Dr. Smita Divyaveer, 2nd year DM PDT
10. Dr. Umesh Dubey, 2nd year DM PDT
11. Dr. Sandeep Saini, 2nd year DM PDT
12. Dr. Vishnu Bardhan, 2nd year DM PDT
13. Dr. Raju Sahoo, 1st year DM PDT
14. Dr. Vaibhav Tiwari, 1st year DM PDT
15. Dr. Asit Mondal, 1st year DM PDT
16. Dr. Rajib Mondal, 1st year DM PDT
17. Dr. Atanu Pal, 1st year DM PDT
18. Dr. Kapiljit Chakravarty, 1st year DM PDT

Dialysis Technician students: 1st year 20, 2nd year 15

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

- Prof. Arpita Roychowdhury won 3rd prize in International Society of Nephrology in R&P Program worth \$10,000.

Ongoing research activity

1. A comparative study of tacrolimus in adult onset nephritic syndrome (steroid naïve population versus usual steroid therapy in adult onset NS). (Dr. M. Patil)
2. Cardiovascular outcome in CKD patients and its relation with dyslipidemia. (Dr. S. Halder)
3. Long term efficacy of tacrolimus in child hood nephritic syndrome (SRNS & SDNS). (Dr. M. Chohglin)
4. A comparative trial of mycophenolate versus azathioprine in SLE Class IV maintenance regime.
5. Sodium bicarbonate therapy for retardation of chronic kidney disease. (Dr. Chetan Mahajan)

6. The spectrum of pregnancy related acute kidney injury. (Dr. A. Roychowdhury & Dr. S. Saini)
7. DXA in steroid receiving pediatric population. (Dr. Tanima Das Bhattacharjee)
8. Outcome IgA nephropathy intervention with TESTING protocol. (Dr. Smita Divyaveer & Dr. Arpita Roychowdhury)
9. Multitarget therapy in SLE class IV induction phase. (Dr. A. Roychowdhury & Dr. Subho Banerjee)
10. Asymptomatic urinary abnormalities in school going children 8 to 18 years along with BP & BMI monitoring. (Dr. Arpita Roychowdhury)

Interim or complete report of all these research activities have been presented in National Conference Forum 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, Praharaj SK, Pandey R, RayChaudhury A, Dasgupta S. Depression and anxiety as potential correlates of post-transplantation renal function and quality of life. *Indian J Nephrol*. 2014; 24: 286-90.

Passing out batch of DM Nephrology

1. Dr. Rammana Reddy
2. Dr. Harmeet Kaur
3. Dr. Nikunj Kisore Routh
4. Dr. Rayees
5. Dr. Kanchan Saha

SERVICE INFORMATION

- Bed location – Nephrology Ward – 16 Male beds + 5 post transplant beds + 2 (Recovery room) for post operative post transplant patient. Female 12+1 (Recovery room).
- Ventilator and cardiac monitor facility in RICO yet to start.
- Patients are also admitted in floor (Ward) and in Wood Burn 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+	6437	13	SGOT	3185

2	K+	6437	14	SGPT	3201
3	Urea	6570	15	Alk. Phosphatase	3409
4	Creatinine	7090	16	Calcium	4713
5	Total Protein	4111	17	Phosphorus	4595
6	Albumin	4424	18	HbsAg	1243
7	Cholesterol	2835	19	Anti HCV	1203
8	Triglyceride	2799	20	24 hr. Urinary Protein	47
9	Sugar	2933	21	25 Hydroxy Vitamin D	111
10	Uric Acid	3669			
11	Bilirubin (T)	3115			
12	Bilirubin (D)	3090			

Total tests performed - 75,217
Total sample received - 6,797
Samples drawn for TAC level - 3,550

Admission census (November 2014 to October 2015)

Month	Admissions	Discharge	Deaths
MRU Male	615	474	43
MRU Female	505	427	40
Total	1,120	901	83

OPD census (November 2014 to October 2015)

Old OPD Ticket: From 1st November 2014 to 31st October 2015	14,712
New OPD Ticket: From 1st November 2014 to 31st October 2015	15,227

Procedures / Investigations performed (November 2014 to October 2015)

Month	Hemodialysis	ARF	CRF	Plasmapheresis	Transplant	Renal Biopsy
November, 14	550	161	389	11	4	55
December	496	150	348	8	4	44
January, 15	624	158	466	9	2	34
February	528	196	332	6	3	41
March	617	216	404	8	4	46
April	581	174	415	8	2	28
May	553	147	406	15	3	32
June	579	193	386	28	4	30
July	627	146	481	25	4	28
August	659	270	439	26	3	43
September	603	214	389	4	5	43
October, 15	631	224	407	5	3	23
Total	7,048	2,249	4,862	154	41	447

Nephrology Sister Unit – Sambhu Nath Pandit Hospital, Kolkata:

(From November 14 to October 15)

Male Admission	Female Admission	HD -CKD	HD -AKI Snake Bite	HD - AKI Others	Total Haemodialysis
502	315	3,520	1,854	38	5,412

Unit distribution:

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

Prof. Rajendra Pandey - Monday 2nd & 4th
Prof. D. Sen - Wednesday 1st / 3rd / 5th

Dr. A. Banerjee	-	Monday 1 st / 3 rd / 5 th
Dr. Arpita Roychowdhury	-	Wednesday 2 nd & 4 th
Dr. D. 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

First cadaveric transplant successfully done on 17.02.2012 of Sankar Mondal & Pintu Mondal.

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 in February, 2013.

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	RMO cum Clinical Tutor
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

Transfers and postings

- Dr. Debasis Das has been promoted as Associated Professor w.e.f. 10-12-2014.
- Dr. Abhijit Bandyopadhyay has been transferred to Medical College Calcutta on promotion as Assistant Professor w.e.f. 10-12-2014.
- Dr Sushanta Pal joined this department as Assistant Professor w.e.f. 10-12-2014.
- Dr Koushwambi Kar joined as RMO-cum-Clinical Tutor on 29-09-2015.

FACULTY NEWS

Prof. Jayanta Chatterjee

Dissertation guided

- Comparison of eGFR calculation by creatinine alone, and creatinine with cystatin C using, 99mTcDTPA renogram as the benchmark, by Dr Pankaj Mandal for MD (Biochemistry) for the session 2012-2015.
- The Study of Quantitative Assessment of Ischemic Viable Myocardium in Post ACS Patient with SPECT and its Correlation with Short Term Prognosis by Dr Suraj Singh for DM (Cardiology) for the session 2012-2015.

Conferences attended

- Attended SNMICON 2014 at Saha Institute of Nuclear Physics, Kolkata from 11-14 December, 2014

Dr. Srabani Sen

Publications

- S. Sen, A. Bhattacharya et al. IOSR Journal of Pharmacy 2015 2:2 32-34.

Conferences Attended:

- DIACON 2014 –Conference on Diabetes organised by IMA (HQ), Kolkata & IMA Bengal State Branch held on 8th & 9th November, 2014 in Kolkata.
- Attended SNMICON 2014 at Saha Institute of Nuclear Physics, Kolkata from 11-14 December, 2014.
- Thyroid Update 2015, of Endocrine Society of Bengal held on 19th April 2015 in Kolkata.
- MID-TERM UPDATE, 2015 held on 1st May 2015 in Kolkata by Association of Physicians of India, West Bengal Branch and Indian College of Physicians in association with Royal College of Physicians Ireland, Indian Chapter.
- Chaired a session in Nuclear Medicine in Thyroidology Workshop of Endocrine Society of Bengal held on 2nd October 2015 in Kolkata.

Dr. Dhritiman Chakraborty

Publications

- Chakraborty D, Bhattacharya A, Mittal BR. Patterns of brown fat uptake of 18F-fluorodeoxyglucose in positron emission tomography/computed tomography scan. Indian J Nucl Med 2015; 30:320-2.

Conferences attended

- Invited Speaker and participant in the Debate and Duet rounds in EZECHO at Rang Mancha, Swabhum, Kolkata on 29th-31st May 2015
- Attended Indian Thyroid Society conference from 02-04 October, 2015 at ITC Sonar, Kolkata

Dr. P.B.Dobe

Conferences attended

- SNMICON 2014 at Saha Institute of Nuclear Physics, Kolkata from 11-14 December, 2014.
- 5th International Cardiology Symposium in Mumbai from 23 -25 January, 2015.
- Thyroid Update 2015, of Endocrine Society of Bengal held on 19th April 2015 in Kolkata.
- Diamond Conference on Diabetes of the Maharashtra State IMA at Goa from 07-09 August, 2014
- CIDSCON 2015 at New Delhi from 21-23 August, 2015
- Galaxy Cardio-Diabetes Summit at Port Blair from 04-06 September, 2015
- ITSCON 2015 at Kolkata from 02-04 October, 2015 as Chairperson of the Registration Committee.
- Best of ADA at Kolkata from 10-11 October, 2015
- Annual Conference of the RSSDI, 2015 (WB Chapter).
- 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

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. Debasmita Mandal	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. Sreyashi Bid	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. Sayantane Sengupta	MS	RMO cum Clinical Tutor
Dr. Debilina Roy	MS	RMO cum Clinical Tutor
Dr. Bidisha Roy Choudhury	MS	RMO cum Clinical Tutor
Dr. Sayanti Paul	MS	Senior Resident
Dr. Souvik Das	MS	Senior Resident
Dr. Chandan Sasmal	MS	Senior Resident
Dr. Smriti Prasad	MS	Senior Resident

Postgraduate (MS) trainees

2013-2016	2014-2017	2015-2018
Dr. Santanu Das	Dr. Dipannita Chakraborty	Dr. Pooja Sahu
Dr. Niharika Thakur	Dr. Tahira Parvin	Dr. Jadav Asmita Ashok
Dr. Sanchari Dutta	Dr. Samik Sanyal	Dr. Sikha Singh
Dr. Priyadarshini M	Dr. Sreeja Karan	Dr. Neha Jain
Dr. Sagarika Majumdar	Dr. Sukanya Roy	Dr. Subrata Debnath
Dr. Sharmila Patra	Dr. Payel Mandal	Dr. Sweety Pradhan
Dr. Mansi Upadhyaya	Dr. Soma Soren	Dr. Parthajit Ghosh
Dr. Antara Naskar	Dr. Geetanjali Kanwar	Dr. Safina Begum
Dr. Rashmi Baid	Dr. Gopikishan Soren	Dr. Subrata Mondal
Dr. Sudeshna Dutta	Dr. Gunjan Bhat	Dr. Joydip Roy
Dr. Souptik Gangopadhyay	Dr. Tarun Mandal	Dr. Abhijit Sarkar
Dr. Pratibha Tiwari	Dr. Avijit Das	

Transfers & postings

Dr. Shayantane Sengupta and Dr. Debilina Roy joined as RMO cum Clinical tutor.

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 -IV – multicentric study with Centchroman.
- 2) Hospital based surveillance of female genital fistula.
- 3) A study on teen-age pregnancy and its outcome

Other research projects that are running at present are as follows :

- Study on Subdermal Contraceptive implant "IMPLANON" – The main study has been concluded . Now only Return of Fertility (ROF) is going on.
- Study on Teenage Pregnancy. – Protocol has been submitted for Independent Institutional Ethics Committee for their approval and clearance.
- Phase IV Multicentric Study with Centchroman.

FACULTY NEWS

Prof. Sudip Saha

DNB Examiner in Chennai, Hyderabad and North East.

Publications

1. A case report of a Mermaid fetus : JIMA June 2015.

Dr. S. R. Pramanik

Publications

- Correlation of serial beta-hCG and CA125 estimation in predicting early pregnancy failure. IOSR journal of Pharmacy, vol.5, issue 1Jan,2015.
- Primary umbilical endometriosis: A Rarity. Journal of Human Reproductive Science , vol. 7, issue 4Jan, 2015.

Dr Debasmita Mandal

Publications

- Pregnancy in Complete Heart Block.. SOJ journal of obstetrics and gynecology 2015; 1: 5-9.
- Obstetric patients requiring admission high dependency unit in a tertiary care hospital. Int J of Critical Injury Sciences2013; 3: 3
- PPCM coexistent with HIV : A substantial obstetric jeopardy: Heart Views 2013;14:26-8.
- Is Pregnancy Safe with Extrahepatic Portal Vein Obstruction? An Analysis. Singapore Medical Journal2012; 53(10): 676-680.

- Various coronary artery complications of Kawasaki disease: series of 5 cases and review of literature. Journal of Cardiovascular & Disease Research 2012. vol-3.no-3;231-235
- Permanent Pacemaker-Related Upper Extremity Deep Vein Thrombosis: A Series of 20 Cases. PACE 2012; 00:1-5.
- Menstrual and gonadal function alterations in women with systemic lupus erythematosus. J Assoc Phys India 2015; 63: 35-39.
- Comparative study of low-dose oral contraceptive pill and ormeloxifene in the treatment of dysfunctional uterine bleeding. International Journal of Health & Allied Sciences 2014; 3(4): 225-31.
- Patwardhan technique in obstructed labor is still an alive art. Indian journal of Perinatology and Reproductive Biology 2015; 5 (1): Jan-March .
- An Experience of Chronic Inflammatory Demyelinating Polyradiculoneuropathy with Pregnancy. Indian Journal of Clinical Practice, Vol. 24, No. 10, March 2014.
- Spontaneous parasitic leiomyoma: a rare clinical experience. Journal of South Asian Federation of Obstetrics and Gynaecology, January-April 2013;5(1):1-2.
- Idiopathic dilated cardiomyopathy complicating a pregnancy with fibroid. ijcp 2013;23: 464-66.
- symptomatic sick sinus syndrome requiring PPM in a patient with mirror image dextrocardia with situs inversus and infertility. JIMA 2013; 111(01): 54-57.
- Role of hypogastric a ligation in pelvic hemorrhage still alive. Al Ameen J Med Sci 2013;6(1):12-16.
- Huge postmenopausal endometrioma without HRT. Ind J of Perinat and Reprod iol 2012;2(4):29-30.

Book Chapters

- S C Biswas, D Mandal, R Sarkar. Nutrition in Pregnancy Complicated with Hepatobiliary Disorder ; SAFOG publication book Maternal Nutrition in Practice South Asia Perspective. eds, GG Mukherjee, A. Chatterjee : chapter 32 :278.

Paper presentations

- Prevalence of Vitamin D deficiency and its association with pregnancy outcome. AICCRCOG 2015 (got prize as best free paper in preventive obstetric care category)
- Pregnancy in urological disorder. How far safe?..AICCRCOG 2015 (got prize for best free paper in post graduate category).
- Can echocardiography be used a predictor PIH/Pre eclampsia: A prospective analysis ---in BOGSCON 2014

Invited speaker

- All Monochorionic Twins Should be delivered by cesarean section in YUVAFOGSI 2012.
- ART in pregnancy : BOGSCON 2014

Dr. Sambhu Nath Bandyopadhyay

- MBBS Examiner, in Sikkim Manipal University – March 2015.
- Attended AICOG Conference in Chennai – 2015
- Attended the National Ethics Committee Conference in Chandigarh – September 2015.

Publications

- Pelvic haematoma mimicking ovarian malignancy – Your health Journal 2015; 64(9).

Dr. Dipnarayan Sarkar

- Attended AICOG 2015 in Chennai,

Publications

- Histological study in endometrial hyperplasia. Journal of Obstetrics & Gynaecology (India). June 2015.
- A two year PAP smear study in a tertiary care centre. Indian Journal of Perinatology and Reproductive Biology – June 2015.

Dr. Biswajit Ghosh

Publications

- Unusual Case of Posterior Vaginal Wall Fibroid in a post menopausal lady : A case report – International Journal of Scientific Study – June 2015

Dr. Subesha Basu Roy

- Attended All India IMA Conference in Trivandrum from 26th to 28th December 2014.

Publications

- Unusual Case of Posterior Vaginal Wall Fibroid in a post menopausal lady : A case report – International Journal of Scientific Study – June 2015
- Ongoing research of clinical drug trial – Metformin versus Insulin in GDM and pre GDM – in association with Department of Endocrinology.

Dr. Poushali Sanyal

- Participated in a CME on infertility.
- Attended a workshop on IUI.
- Completed a FOGSI certified course in Obstetric ultrasound
- Attended AICC RCOG Conference in September 2015.
- Faculty speaker in BOGSCON 2015.

Publications

- Unusual Case of Posterior Vaginal Wall Fibroid in a post menopausal lady : A case report – International Journal of Scientific Study – June 2015
- Comparative study of Labetalol versus Methyldopa in pregnancy induced hypertension with respect to Maternal and Perinatal Outcome – Global Journal of Medicine and Public Health.
- Invasive Mole : A Case report – Indian Journal of Medical Case Reports,

Dr. Bidisha Roy Choudhury

- Participated in a CME on infertility.
- Attended AICC RCOG Conference in September 2015.

Publications

- Comparative study of Labetalol versus Methyl dopa in pregnancy induced hypertension with respect to Maternal and Perinatal Outcome – Global Journal of Medicine and Public Health.
- Invasive Mole : A Case report – Indian Journal of Medical Case Reports

Dr. Sreyashi Bid

- Attended Hysteroscopy Live operative workshop – CNCI – July 2015

Publications

- Pelvic haematoma mimicking ovarian malignancy – Your health Journal , Vol. 64, No.9 – October 2015

Dr. Subhendu Choudhury

- Attended BOGSCON 2015

Publications

- Comparative study of Labetalol versus Methyl dopa in pregnancy induced hypertension with respect to Maternal and Perinatal Outcome – Global Journal of Medicine and Public Health.

THESES SUBMITTED IN 2015 (BATCH OF 2013-2016)

- Dr. Pratibha Tiwary – Comparison of random urine protein/creatinine ratio with 24 hours urine protein for estimation of proteinuria in pregnancy induced hypertension
- Dr. Souptik Ganguly – How successful is colour flow mapping and pulsed doppler study on predicting histologically confirmed benign and malignant adnexal masses in perimenopausal women.
- Dr. Antara Naskar – Prospective study in severe PIH to compare expectant management versus termination of pregnancy between 28 to 34 weeks of gestational period in a tertiary care centre
- Dr. Mansi Upadhyay – Study on fetomaternal outcome in heart disease complicating pregnancy and comparison between maternal congenital and acquired heart disease
- Dr. Sudeshna Dutta – A prospective randomised controlled trial of wound healing following suture approximation and non approximation of subcutaneous layer in patients undergoing caesarean delivery with abdominal subcutaneous layer thickness more than 2 cm.
- Dr. Rashmi Baid – A comparative study between active management of third stage of labour with and without uterine massage for prevention of atonic PPH.
- Dr. Niharika Thakur – Comparison of Mifepristone alone and Misoprostol and Mifepristone versus Misoprostol alone in induction of labour in IUFD – a Randomised Controlled trial
- Dr. Santanu Das – Role of thyroid profile in Abnormal Uterine Bleeding
- Dr. Sharmila Patra – Association of early trimester vaginal bleeding with suboptimal pregnancy outcome with special emphasis on pre-eclampsia
- Dr. Sagarika Majumder – Comparison of moderate (600 mg) to high dose (900 mg) UDCA in Obstetric cholestasis with altered liver function
- Dr. Sanchari Dutta – Role of Sildenafil in Intrauterine Growth Restriction
- Dr. Priyadarshini M – A Comparative Study of Moxifloxacin versus Doxycycline – Metronidazole combination in Uncomplicated PID

OTHER ACADEMIC ACHIEVEMENTS

- Achievement in the Indian menopausal society zonal chapter 2015 conference:-
 - Dr. Priyadarshini M-1st prize Quiz contest
 - Dr. Mriganka Mouli Saha-1st prize Paper Presentation
- Dr. Dipannita Chakraborty won the first prize in the Central Asian Regional Conference on Obstetrics and Gynaecology.
- Dr. Sagarika Majumder and Dr. Mriganka Mouli Saha represented IPGME&R in the Usha Krishna Quiz organised by FOGSI and won the first prize at the regional level and stood third in the national level.

SERVICE INFORMATION

Beds location : Gynecology building & Ronald ross building

Gynae ward – 36 Cabin – 4 Mat Ward – 54 Labour room -9
G.F. Ward – 26 Ligation ward – 10

OPD location : Gynaecology building (ground floor)

OPD attendance

Total patient – 72,200 (1.12.2015 to 30.11.2015)

New – 34,100 Old – 38,100

- Highest OPD Attendance – 232 New tickets on 07.09.2015
- Lowest OPD Attendance – 13 New tickets on 24.10.2015

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

Procedures /investigations performed (01.12.14 to 30.11.15)

- Major operative procedures : 1284
- Laparoscopic procedures : 109
- Minor operative procedures, tubectomy and diagnostic laparoscopy : 1130
- Total number of deliveries : 3890
- Vaginal deliveries :1219
- LSCS : 2671

Unit distribution

Units	Admission Day	Consultants	Operation Day
1A	Monday	Dr.Sudip Saha Dr. Chaitali Datta Roy Dr. Subesha Basu Roy	Thursday
11A	Tuesday	Dr. Gourisankar Kamilya Dr. Sarbeswar Mandal	Friday
111A	Wednesday	Dr. Partha Sarathi Chakravorty Dr. Dip Narayan Sarkar	Saturday
1VA	Thursday	Dr. Subhash Chandra Biswas Dr. SR Pramanick	Monday
1B	Friday	Dr.Debasmita Mondal Dr. Biswajit Ghosh	Tuesday
11B	Saturday	Dr.S.N.Banerjee 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. Buddhadeb Ray MBBS, DO
Dr. Sonali Bhattacharya MBBS, DO
Dr. Biswajit Mandal MBBS, DO

Senior Resident

Dr. Manojit Roy MBBS, DO

Transfers & postings

- Dr. Suchitra Majumder joined as professor on 23.04.2015.
- Dr. Debanjan Sen joined as RMO cum Clinical Tutor on 05.12.2015.
- Dr Manojit Roy joined as Medical Officer 02.12.2015.

FACULTY NEWS

Prof. (Dr.) Mita Khan

- Acted as Chairperson AND Co-Chairperson in 2 sessions at the 46th OSWB conference, Kolkata 2015.

Prof. Amitabha Raychaudhuri

- Chairperson Judge in a Video Competitive Session at the 46th OSWB Conference, Kolkata 2015.

Prof. Suchitra Majumder

- Attended 46th OSWB Conference, Kolkata, 2015.
- Presented a paper on 'Red Eye' in National Conference of Association of Community Ophthalmologists of India (ACOIN).
- Acted as panelist in CME on glaucoma organized by ACOIN in Hooghly.
- Chaired a session on Glaucoma in Annual Conference of Ophthalmological Society of West Bengal.

Dr. Mohua Mazumdar

- Principal Investigator in a Clinical Trial with clinical endpoint 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 29th Eye Donation Fortnight (25.08.2015 to 08.09.2015). Counseling and distribution of leaflets to all patients in OPD. Posters were displayed at prominent sites.
- Awareness programme for Eye donation was held on 03.09.2015 at Lecture Theater 4 in New Academic Building which was attended by which was attended by the Director, IPGME&R, ADHS(Ophth), Swasthya Bhaban HOD's

and 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.

- On 01.09.2014, a presentation on Eye Donation was given at Gokhale Memorial Girls' School, Kolkata.
- An Awareness walk was jointly arranged by SSKM Hospital & Sankara Netralaya Eye Bank, Kolkata on 31.08.14 at 9.00 AM
- Observation of World Glaucoma week from 10th to 16th March, 2015. Counseling and distribution of leaflets to all patients at OPD.
- School Eye screening programme (with supply of spectacles free of cost) in 6 schools in Behala and Tollygunj areas of Kolkata.
- Post-cataract surgery patients were supplied spectacles free of cost.

SERVICE INFORMATION

Performance (up to 30.11.2015)

- OPD patients - 33503
- Refraction - 9608
- OPD procedures - 6987
- Cataract and other surgeries - 543
- YAG laser application – 106
- Biometry – 643

Eye OT was under repair from April to October 2014 which has affected performance figures compared to 2013.

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
- DCT, DCR
- Trabeculectomy
- Oculoplasty e.g. Ectropion, Entropion, Ptosis correction
- Pterygium surgery with conjunctival autografting
- Ocular injury management
- Vitrectomy
- Other OPD procedures

ONGOING PROJECTS

Conjunctival impression cytology in patients of rheumatoid arthritis with diabetes. – Dr. Mohua Mazumdar

FUTURE PLANS

Further development of Vitreo-Retina Clinic & Vitreo-Retinal surgeries with adequate trained personnel & support staff.

Otorhinolaryngology (ENT)

STAFF

Faculty

Dr. Arunabha Sengupta DLO, MS	Professor & Head
Dr. Swapan Kumar K. Ghosh DLO, MS, DNB	Professor
Dr. Piyush Kumar Roy DLO, MS	Associate Professor
Dr. Subhradeep Biswas MS	Assistant Professor
Dr. Bijan Basak DLO, MS	Assistant Professor
Dr. Alok Ranjan Mondal MS	RMO cum Clinical Tutor
Dr. Debashis Ghosh MS	RMO cum Clinical Tutor
Dr. Kaustuv Das Biswas DLO, MS	RMO cum Clinical Tutor

Senior Residents

Dr. Arindam Das, Dr. Bhabika Sen, Dr. Anindita Sengupta, Dr. Suvadip Dhara

Postgraduate trainees

First year	Second year	Third year
<ul style="list-style-type: none"> • Dr. Ankit Choudhary (MS) • Dr. Joseph Nadakkavakaran (MS) • Dr. Sayan Hazra (MS) • Dr. Manisha Ray (MS) 	<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. Bahnishikha Kayet (MS) • Dr. Monsur Alam (MS) • Dr. Sanhita Halder (MS) • Dr. Shyama Banerjee (MS) • Dr. Soumik Basu (MS) • Dr. Suvendu Mandal (MS)
<ul style="list-style-type: none"> • Dr. Monoj Kumar Khan (DLO) • Dr. Pragna Paramita Chattaraj (DLO) • Dr. Sangeetha Kumari (DLO) 	<ul style="list-style-type: none"> • Dr. Sanjay Ghosh (DLO) • Dr. Shyamaprasad Mukhopadhyay (DLO) • 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. 62 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.

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

FACULTY NEWS

Dr. Arunabha Sengupta

- Myringoplasty: Impact of size and site of perforation on the success rate (IJLO 2015).

Dr. Swapan Kumar Ghosh

- Relationship between Eustachian tube function and location of the perforation in chronic otitis media. IJO&HNS, 2015,(21):51-6.
- Neurilemmoma of sinonasal region with intracranial extension: an extremely rare entity. JEMDS, 2015,4(16):2817-822.
- Sialolipoma of palate: a rare histological diagnosis with review of literature. Feb.2015, JEMDS.
- Occult foreign bodies in ENT. BJOHNS, 2015,23(2):73-6.
- 23rd Annual conference of Otology. 14.11-16.11.2014, Chennai.

Dr. Pijush Kumar Roy

- AOICON Jan 2015

Dr. Bijan Basak

- Evaluation of clinically significant hypocalcemia after total thyroidectomy
- Demographic profile of CSOM in a tertiary care hospital
- 35th workshop on sinuses and beyond sinuses (6th – 8th Feb 2015, Hyderabad)

Dr. Alok Ranjan Mandal

- Head & Neck Conference, Raniganj
- Micro Ear Surgery Conference, Raniganj
- Rhinology & Fess, Hyderabad
- Micro Ear & Head And Neck Surgery, Kpc Medical College

Dr. Debasish Ghosh

- 8th Phonosurgery Workshop, Aug 2015, Bombay Hospital.
- Endo Skull Base Workshop, Jan 2015, Bombay Hospital
- ISCON, Nov 2014, Chennai

- Changing trends of antibiogram profile in patients with community acquired CSOM in a tertiary care hospital. J Evol Med Dental Sci 2015.
- Comparative study on outcome of type 1 tympanoplasty in active and inactive variety of CSOM. Eur J Biomed Pharma Sci 2014
- Myringoplasty: Impact of size and site of perforation on the success rate (IJLO 2015).

Dr. Subhadip Dhara

- Comparative study of type 1 tympanoplasty in active & inactive COM using temporalis fascia graft (EJBPS)
- Head & Neck Conference, Raniganj

Dr. Anindita Sengupta

- Changing trends of antibiogram profile in patients with community acquired CSOM in a tertiary care hospital. J Evol Med Dental Sci 2015.

Others

- 5th ENT Conclave (Attended by most of the Staff, SR's and PGTS)
- MIDAICON
- Renuka Brado Workshop (Mumbai) - Dr. Anindita Sengupta, Dr. Shuvendu Bhattyacharya, Dr. Bahnishikha Kayet, Dr. Soumik Basu
- K P Morwani Temporal Bone Dissection Workshop (Mumbai)- Dr. Promit Patra, Dr. Prasanta Kander, Dr. Sanjay Ghosh, Dr. Sourav Ray
- Workshop on FESS & Micro ear surgery- Dr. Shyama Banerjee
- 3rd Live ENT & Lateral skull base workshop

STUDENT INFORMATION**Students passed out this year**

- Dr. Anju Mambully (MS)
- Dr. Rajarshi Kar (MS)
- Dr. Shuvendu Bhattyacharya (MS)
- Dr. Nabendu Roy (DLO)
- Dr. Nordan Otzer (DLO)
- Dr. Sujit Mandal (DLO)

Ongoing Thesis Work

1. Dr. Ankit Choudhuri:
"CLINICO PATHOLOGICAL STUDY OF DEVIATED NASAL SEPTUM"
2. Dr. Joseph Nadakkavukaran:
A STUDY ON THE OUTCOME OF TYMPANOPLASTY IN PATIENTS WITH TM PERFORATION HAVING MIXED HEARING LOSS"
3. Dr. Manisha Ray:
"STATUS OF OSSICULAR CHAIN IN VARIOUS TYPES OF COM"

4. Dr. Sayan Hazra:
"BENIGN VOCAL CORD LESIONS- COMPARATIVE STUDY BETWEEN LASER SURGERY & COLD SURGICAL TREATMENT"
5. Dr. Promit Patra:
CLINICAL STUDY TO EVALUATE SEQUELAE OF TOTAL THYROIDECTOMY"
6. Dr. Prasanta Kander:
" CLINICOPATHOLOGICAL PROFILE OF SINO NASAL MASSES AND THEIR RADIOLOGICAL CORRELATION"
7. Dr. Somsubhro Bag:
CLINICAL, RADIOLOGICAL & PATHOLOGICAL EVALUATION OF METASTATIC CERVICAL LYMPH NODES IN HEAD & NECK MALIGNANCIES"
8. Dr. Bahnishikha Kayet:
" COMPARATIVE STUDY OF TYPE 1 TYMPANOPLASTY USING FASCIA & PERICHONDRIUM AS GRAFT"
9. Dr. Monsur Alam:
" ENDOSCOPIC SINUS SURGERY IN CHRONIC RHINOSINUSITIS & NASAL POLYPOSIS: A COMPARATIVE STUDY"
10. Dr. Sanhita Halder:
" A CLINICOPATHOLOGICAL STUDY OF ANTROCHOANAL POLYPS"
11. Dr. Shyama Banerjee:
COMPARATIVE STUDY OF TREATMENT OF OME IN CHILDREN- VERSUS VENTILATION TUBE"
12. Dr. Soumik Basu:
HEARING RESULTS IN PATIENTS UNDERGOING CWD WITH OSSICULAR RECONSTRUCTION"
13. Dr. Suwendu Mandal:
"A CLINICOPATHOLOGICAL STUDY ON POST OPERATIVE MASTOID CAVITY"

SERVICE INFORMATION

We have started Cochlear Implant surgeries, laser and navigation image guided surgery for skull base lesions . A total of 4 Cochlear Implant surgeries,26 navigation image guided surgeries and 32 Laser assisted surgeries has already been done in the ENT main OT. Endoscopic trans-sphenoidal pituitary 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 endoscopies , a minor OT and an 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 and referred cases saving countless lives every year.

OPD patient count

	New Case			Old case			
Month	MALES	FEMALES	TOTAL	MALES	FEMALES	TOTAL	Grand Total
Nov 2014	2822	2276	5098	1129	910	2039	7137
Dec 2014	2775	2141	4916	1110	856	1966	6882
Jan 2015	2466	1855	4321	986	742	1728	6049
Feb 2015	2834	2002	4836	1134	801	1935	6771
Mar 2015	2807	2195	5002	1123	1278	2401	7403
Apr 2015	2773	2088	4861	1109	835	1944	6805
May 015	3010	3348	5358	1204	1339	2543	7901
Jun 2015	2832	2103	4935	1132	841	1973	6908
Jul 2015	3034	2285	5319	1213	914	2127	7446
Aug 2015	2617	2147	4764	1046	859	1905	6669
Sep 2015	3357	2707	6064	1343	1083	2426	8490
Oct 2015	2783	2015	4798	1113	806	1919	6717
Year Total	34110	30510	64620	13642	11264	24906	89526

ENT ward admission count

- Total no. of males admitted – 1179
- Total no. of females admitted – 1031
- Total admission - 2210

Surgery count

Month	Major	Minor	TOTAL
Nov 2014	142	5	147
Dec 2014	156	13	169
Jan 2015	146	18	164
Feb 2015	131	3	134
Mar 2015	146	9	155
Apr 2015	144	8	152
May 015	137	6	143
Jun 2015	163	6	169
Jul 2015	156	4	160
Aug 2015	164	11	175
Sep 2015	142	11	153
Oct 2015	115	10	125
Year Total	1742	104	1846

Audiovestibular Laboratory

SSKM Hospital, ENT Department P.P.P unit collaboration with Dr. Anirban Biswas
 Tests done in the months 1st November, 2014 to 31st October, 2015

Months	PTA	TYMPANOMETRY	BERA	SPEECH	ENG
Nov 2014	425	134	31	19	20
Dec 2014	435	125	35	21	17
Jan 2015	442	131	28	17	11
Feb 2015	424	140	39	24	14
Mar 2015	431	145	42	14	16
Apr 2015	445	154	41	22	16
May 015	465	150	43	19	14
Jun 2015	471	145	28	27	17
Jul 2015	456	151	43	25	16
Aug 2015	464	158	49	19	15
Sep 2015	451	138	34	23	12
Oct 2015	465	128	39	20	16
Year Total	5374	1699	523	250	184

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. Hibjul ali Khan	MBBS, MS	RMO Cum Clinical Tutor
Dr. Subhojit Das.	MBBS, MS	RMO Cum Clinical Tutor
Dr. Nani Gopal Das	MBBS	RMO Cum Clinical Tutor

Senior Residents

Dr. Srikanta Tagore Sarkar MBBS, MS
 Dr. Saikat Sau MBBS,MS

Junior Residents (MS Students)

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> • Dr. Sudarshan Behera • Dr. Sagnik Ray • Dr. Durbaraj Rakshit • Dr. Rajkumar Singh • Dr. Sandeep Velegada • Dr. Suprio Sarkar | <ul style="list-style-type: none"> • Dr. Pratik Mundara • Dr. Pratik Agarwala. • Dr. Amit Vidyarthi • Dr. Satyajit Mura • Dr. Sumanta Panja • Dr. Arup Saha | <ul style="list-style-type: none"> • Dr. Debanjan Adak • Dr. Argha Kusum Roy • Dr. Ram Hari • Dr. Abhay Sarkar • Dr. Mujibur Rahman • Dr. Chetan |
|---|---|--|

FACULTY NEWS

Prof. A. K. Pal

- Delivered lecture on How to read a Radiograph in a CME held in BORRC on 9th June, 2015.
- Demonstrated the procedure of TFL bone grafting in KASSCON Conference held on 23rd May 2015.
- On management of Shaft femur fracture in children at IOTS held on Oct, 2015.
- Algorithm & classification of Pilon fracture in Foot & Ankle National Conference held on 6th June 2015.
- On Orthotics & Prosthesis in National CME Course in BORRC on 31st July, 2015.
- On evaluation of Neck ache in seminar of Sports Medicine on 12th Nov, 2015.
- On Spine Examination in National CME Course held at SCB Medical College Cuttack on 14th & 15th Nov, 2015.

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.
- Geriatric Orthopaedic Conference was held at GLT on 15th March, 2015.
- Annual sports medicine conference was organized by our department, which was held on 11th July, 2015.
- Conducted MS (Ortho) Examination on
- Conference on Caries Spine held at IPGME&R in Orthopaedic Seminar Room on 7th Nov, 2015.
- Conducted DNB(Ortho) Examination on 18 to 20th Nov, 2015.

- PMR, Plastic & Orthopaedic joint Seminar on Tendon injuries, treatment & Rehabilitation held on 29th Nov, 2015.

Theses work in progress

- SUPRIYA SARKAR - evaluation of results of arthroscopic debridement and lavage with injection of hyalan polymer in osteoarthritis of knee.
- DURBARAJ RAKSHIT -evaluation of functional outcome of closed reduction and percutaneous internal fixation in closed intraarticular displaced fracture of calcaneum by minimal invasive surgery.
- 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.
- 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.
- PRATIK AGARWAL - experiences of intramedullary fixation in fracture shaft of clavicle.
- ARUP SAHA - evaluation of hybrid fixation in tibial plateau fracture .
- SANDEEP VELEGADA – identification of predisposing factors for recovery of range of motion of knee after total knee arthroplasty.
- 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
- 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.

Cases presented in Annual Clinical Meeting held on 9th May 2015

- Dr Debasish Mukherjee: Proximal radius aneurismal bone cyst treated with curettage and inlay fibular graft.
- Dr Durba Raj Rakshit: Closed reduction and percutaneous internal fixation in intra articular displaced fracture of calcaneum.
- Dr Supriyo Sarkar: Single bone forearm in a 8 years old girl.
- Dr Pratik Mundhara: Bilateral Madelung deformity treated with two different method of osteotomy 11 months follow-up.
- Dr Arnab Karmakar: Corrective osteotomy in a case of malunited distal both bone forearm fracture in a child (dominant side).

Paper Presentation In WBOA-CON, 2015

DR. SAGNIK RAY - management of comminuted distal humerus fracture with minimal internal fixation and external fixation in the form of Jess

Publications

Dr. Tanmay Datta

1. "Evaluation of outcome of corrective ulnar osteotomy with bone grafting and annular ligament reconstruction in neglected Monteggia fracture dislocation in children"

Journal of Clinical and Diagnostic
Research .June 2014, Vol 8:6,LC01-LC04

2. "Evaluation of performance of single bone forearm as a salvage procedure in different clinical scenarios- A short case series
International journal of Scientific Study .May 2014 ,Vol 2:2,77-83
3. "Cheilectomy ,drilling, curettage and TFL muscle pedicle bone grafting in post traumatic osteonecrosis of the femoral head"
International Journal of Scientific study .June 2014 ,Vol 2:3,6-14
4. "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

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

1. Role of union and complication between MPBG & free fibular graft in fracture neck of femur-a comparative study- IJSS, 1017354/ijss/2015/100.
2. Assessment of vascularity of femoral head after post traumatic fracture neck femur of variable period.

SERVICE INFORMATION

No of Patients attended in Orthopedics OPD- 115342.

No of Patients operated in Emergency Ortho O.T- 1207

No of Patients operated in ortho main O.T- 1864

No of Patients admitted in Orthopedics ward- 3708

Joint Replacements (last one year)

THR done - 12

TKR done - 16

TER done - 5

Arthroscopic Operations (last one year)

ACL Reconstruction done - 70

Repair in case of Shoulder instability done - 15

Spinal Surgery done (last one year) - 18

Pediatric Medicine

FACULTY

Dr Supratim Datta	DCH, MD	Professor & Head
Dr.Sumana (Datta) Kanjilal	MD	Professor
Dr Mrinal Kanti Das	MD	Professor
Dr Dipankar Gupta	MD, DCH, DNB, DM (Neurology)	Associate Professor
Dr Malay Kumar Sinha	DCH, MD	Associate Professor
Dr Sumantra Sarkar	MD	Associate Professor
Dr Suman Sarkar	MD	Assistant Professor
Dr Anirban Chatterjee	MD	Assistant Professor
Dr Sarvani Roy Mishra	MD	Assistant Professor
Dr Bidhan Chandra Roy	MD	Clinical Tutor
Dr Koushik Pramanik	MD	Clinical Tutor
Dr. Sanada Pati	MD	Clinical Tutor
Dr Arup Kumar Roy	DCH	Senior Resident
Dr Sandip Kumar Mandal	MD	Senior Resident
Dr Sutanu Chatterjee	DCH	Medical Officer
Dr Sanjukta Bhattacharya	DCH	Medical Officer

Transfers and postings

- Dr. Sumana Kanjilal, Professor, has joined the department (June 2015)
- Dr. Arnab Biswas, Assistant Professor, has been transferred to NRS Medical College (June 2015)
- Dr. Sandip Kumar Mandal has joined to the post of Senior Resident (August 2015)
- Dr. Sananda Pati has joined to the post of RMO-cum Clinical Tutor (September 2015)

Postgraduate trainees (MD Students)

Session 2013-16	Session 2014-17	Session 2015-18
<ul style="list-style-type: none"> • Dr. S Rutsa • Dr. Gargi Das • Dr. Amit Sekharay 	<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

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 Post Graduate and Under Graduate Quiz Program

Thesis topics

- Dr. S. Rutsa - Vitamin D status in Thalassemia (intermedia and major) and its correlation with serum ferritin and left ventricular ejection fraction
- Dr. Gargi Das - Evaluation Of Serum Ferritin In Juvenile Idiopathic Arthritis And It's Correlation With Disease Activity
- Dr. Amit Sekharay - Study On Effect Of Steroid On Linear Growth Velocity In Children With Nephrotic Syndrome In A Tertiary Care Hospital

- Dr. Jayanta Kumar Sarkar- Assessment of Pulmonary Function in Thalassemia Patients between 6-12 years.
- 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.

Passed out MD PGTs in 2015

Dr Sandip Kumar Mandal, Dr Rabi Kumar, Dr Naveen Koyal , Dr Shovona Haque and Dr Srirupa Bhattacharya [2013-15] appeared and passed MD examination in first attempt.

Academic achievements of PGTs and UG students in last 1year

- Dr. Gargi Das, 3rd year PGT stood third in the award paper presentation in 34rd WB Pedicon, the state conference of Indian Academy of Pediatrics.
- Dr. S. Rutsa, both 3rd year PGT selected for oral paper in 34rd WB Pedicon, the state conference of Indian Academy of Pediatrics.
- Dr. Amit Sekharay and Dr S. Rutsa both 3rd year PGT, participated in NNF PG QUIZ State round at NRS Medical College and Hospital.
- Dr. Amit Sekharay, 3rd year PGT and Dr Asha kalwar 1st year PGT participated in the inter college IAP PG Quiz at Burdwan Medical college
- Debanjan Bose and Zeba Nazneen, final year MBBS students participated in the inter college IAP UG Quiz at Institute of child Health
- Dr. Gargi Das presented review on Pediatric Tuberculosis on World TB day at Dept. of Chest Medicine, SSKM
- Dr. Gargi Das, 3rd year PGT stood first in WBAP monthly clinical meet for presenting a case on 'A Foxing skin disease with Osteolytic Lesion.'
- Dr. Arpan Saha 1st year PGT presented case in East Zone Oncology CME at SSKM
- All the PGTs presented case in the Clinical meeting, Neurology CME and PICU CME under WBAP.

Publications of PGTs in 2015

1. Dr Jayanta kumar Sarkar
Sarkar S, **Sarkar JK**. Bilateral Parotid Swelling after Viper Envenomation: An Ominous Sign? Indian Pediatr.2015; 52:161-2

FACULTY NEWS

Prof. Supratim Datta

Publications

- Contributed chapter in the book 'Essentials of Pediatric Oncology' second edition published in 2015

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

Conference participation

- Acted as Chairperson in the Bengal thyroid Society state Conference held in Kolkata [May 2015]
- Acted as Chairperson in Neurology CME of Neurology Chapter of WBAP held in Kolkata [August 2015]
- Acted as Chairperson in National conference of Indian Thyroid Society (ITSCON) held in Kolkata [Sept 2015]
- Participated as delegate in the Haemostasis Update 2015- a CME programme accredited by West Bengal Medical Council held on [May, 2015]
- Participated as delegate in the Workshop on 'Identifying Understanding and supporting persons with Autism and Cerebral Palsy', held at Kolkata on 18th & 19th September, 2015

Other activities

- Convenor of MD Pediatric medicine exam of WBUHS, May 2015
- Convenor of Final MBBS part II exam, January 2015
- MD (Pediatrics) External examiner at Agartala, Tripura University, April 2015
- Post graduate question paper setter, MD, DCH of WBUHS, WB
- Adjudicator of MD(Pediatrics) theses of West Bengal university of Health Sciences and Guwahati Medical College
- Moderator, MD(Pediatrics), Tripura University

Prof. Sumana (Datta) Kanjilal

Publications

- Majumdar J, Kanjilal S, Das AK. Wiskott Aldrich syndrome with normal sized platelets in an 18 month old boy: a rare mutation. Journal of Pediatr Rev. 2015;July; 3 (2):e417
- Majumdar J, Kanjilal S, Ghosh AC. Clinically Isolated Syndrome (CIS) presenting with and ophthalmoplegia. J mult Scler. October, 2015. doi:10.4172/2376-0389.1000155 (In press)

Ongoing projects

- 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.
- 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.
- 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. Introduction to Clinical Neurology. Completed an online certificate course from The University of California, San Francisco, USA, on April, 2015.
- 2. Light, Sight, Spike : The Neuroscience of Vision. Completed a certificate course from online learning initiative of The Massachusetts Institute of Technology (MIT), USA on January, 2015.
- 3. Bayley III scales of Infant and Toddler Development course of Pearson Education, USA. Completed Hands on training given by PsychCorp, Bangalore on November, 2015 at Kolkata.

Examiner

- MD (Pediatrics) Examination of SCB Medical College, Cuttack held on June, 2015.
- MD (Pediatrics) Examination of West Bengal University of Health Science, Kolkata held in Sep, 2015.
- Final M.B.B.S Examination Part II (Pediatrics) of West Bengal University of Health Science, Kolkata held on January, 2015

Conference participation

- Chairperson of the session 'Gastro-esophageal Reflux disease in children' at The ORS day celebration of Indian Academy of Pediatrics held at C.S.S College of Obstetrics, Gynaecology & Child Health, Kolkata on July, 2015.
- Chairperson of the session 'Constipation in Children' in the Pediatric Gastroenterology Workshop held at C.S.S College of Obstetrics, Gynaecology & Child Health, Kolkata on November, 2015.
- Member of the organizing committee of 34th WBPEDICON.
- Participated as delegate in the Child Neurocon 2015 –Kolkata, the 6th National Conference of Association of Child Neurology held on 20th, 21st & 22nd February, 2015.
- Participated as delegate in the National Midterm CME on Pediatric Infectious Diseases on 11th & 12th April, 2015, accredited by West Bengal Medical Council.
- Participated as delegate in the Haemostasis Update 2015- a CME programme accredited by West Bengal Medical Council held on 9th May, 2015.
- Participated as delegate in the 1st State Convention of Pediatric Neurology Chapter (West Bengal). A CME programme held on 26th June, 2015.
- Participated as delegate in the Workshop on 'Identifying Understanding and supporting persons with Autism and Cerebral Palsy', held at Kolkata on 18th & 19th September, 2015.
- Participated as delegate in the 34th WBPEDICON.

Prof. Mrinal Kanti Das

Publications

- Nandi M, Das MK. Life-threatening thrombocytopenic bleeding in Infectious mononucleosis due to EB virus infection. Accepted in Journal of Infectious Disease.
- Nandi M, Das MK, Nandi S. Failure to thrive and nephrocalcinosis due distal renal tubular acidosis – a rare presentation of pediatric lupus Nephritis. Accepted in Saudi J Kidney Dis Transpl.

Other activities

- Adjudicator of MD(Pediatrics) theses of West Bengal university of Health Sciences And RIMS, Ranchi university
- Resource person to conduct a session in Measles Surveillance launch Workshop by WHO/GOI
- Post graduate question paper setter, DCH of WBUHS,WB

Dr. Dipankar Gupta

In charge: Pediatric Neurology Specialty clinic in the Dept. of Pediatric Medicine once weekly on Thursday

Organized Pediatric Neurology Clinical Meeting in collaboration with WBAP in the Dept. of Pediatric Medicine, IPGMER

Dr. Malay Kumar Sinha

Publications

- Chatterjee A, Sinha MK, Sarkar S, Roy BC, Patra R. Wilms' Tumor in Children: An Experience of SIOP Protocol from Tertiary Centre..JMSCR .2015;3(9):7437-42

Other activities

- Participated as 'Faculty' in training of Medical Officer and Specialist in HIV/AIDS at School of Tropical Medicine, Kolkata
- Participated as 'Faculty' in training of Medical Officer and Specialist in Adolescent Health Care at Medical College, Kolkata
- Attended Pediatric ART centre as consultant at Medical College, Kolkata
- Acted as Internal and external Examiners in MBBS exam under WBHUS

Dr. Sumantra Sarkar

Publications

1. **Sarkar S**, Kumar R, Nandi M. A Rare Skin Disorder Misdiagnosed as Juvenile Idiopathic Arthritis. Indian J Pediatr. 2015 Nov 12. E-Pub ahead of print. DOI: 10.1007/s12098-015-1922-0
2. Samanta M, Mondal R, Shah A, Hazra A, Ray S, Dhar G, Biswas R, Sabui TK, Raychaudhuri D, Chatterjee K, Kundu C, **Sarkar S**. Animal Bites and Rabies Prophylaxis in Rural Children: Indian Perspective. J Trop Pediatr. 2015 Oct 28. [Epub ahead of print]
3. 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
4. **Sarkar S**, Misra S, Nandi M. Pityriasis Rubra Pilaris and Mesangial Proliferative Glomerulonephritis in a child: New association or Coincidence? E- pub. Indian J Nephrol. Sept 2015
5. Nandi M, Pandey G, **Sarkar S**. Gitelman syndrome in an infant . Indian J Nephrol 2015;25:316
6. Nandi M, **Sarkar S**. Posterior Reversible Encephalopathy Syndrome in an Infant following Accidental Strangulation. Epub. J Pediatr Neurol DOI: 10.1055/s-0035-1556833 on 7th Aug 2015
7. **Sarkar S**, Dey A. Urticaria Multiforme. Indian Pediatr.2015; 52:633
8. Alam MM, Ray B, **Sarkar S**, Mandal O, Mondal R. Spirometric Assessment in Juvenile Idiopathic Arthritis. Indian J Physiol Pharmacol. 2015; 59 (20):199-2003.
9. **Sarkar S**, Sarkar JK. Bilateral Parotid Swelling after Viper Envenomation: An Ominous Sign? Indian Pediatr.2015; 52:161-2

Book chapter

1. Served Editorial Assistance and contributed chapters in the book 'Essentials of Pediatric Oncology' second edition published in 2015.

Ongoing projects

- 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

Reviewer of international journals

- Saudi Journal of Kidney Disease and transplantation
- International Journal of Nursing and Midwifery

Conference Participation:

- Participated as 'Faculty Panelist' in session of "Community Acquired Pneumonia" in 34rd WB Pedicon at Kolkata.[Dec 2015]
- Participated as 'Faculty Panelist' in the session "Meet the expert-investigate and interpret" in the Annual CME on Office Practice: Series VI by Institute of Child Health on [Aug 2015]
- Participated as 'Faculty Member' and 'Chair Person' in the National level Pediatric Rheumatology CME 2015 [A Day with 'Kawasaki Disease'] by West Bengal Pediatric Rheumatology Society and West Bengal Academy of Pediatrics at Kolkata.
- Presented two Award papers in 34rd WB Pedicon at Kolkata.[Dec 2015]
- Participated as Delegate in the Workshop on 'Identifying Understanding and supporting persons with Autism and Cerebral Palsy', held at Kolkata [Sept. 2015]
- Participated as Delegate in the 1st State Convention of Pediatric Neurology Chapter (West Bengal).A CME programme held on [June 2015]
- Participated as Delegate in Pedicon 2015, Delhi, National Conference of Indian academy of pediatrics including workshop on Developmental pediatrics.

Other academic activities

1. Founder member of WB Rheumatology Society.
2. Editorial board member in journal committee [Child and Newborn] of West Bengal Academy of Pediatrics [WBAP] ,state branch of Indian academy of Pediatrics [IAP] in 2012.

State level facilitator

- Attended as a State level Facilitator in the one day orientation program for district level officials on 'Facility based Management of Severe Acute Malnutrition (FBSAM)' at Swasthya Bhavan , under Govt. of West Bengal, Dept. of Health & family welfare and State Family Bureau in collaboration with National Rural Health Mission (NRHM).[26th August 2015]

Organizational Activities in 2015:

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

Training Programs attended:

- 'Training of Trainers' the 'Minirespire' respiratory care at office practice under IAP Action 2015 at Hotel Monotel,Salt Lake.

Pediatric Specialty Clinic at Out Patient Department, IPGME&R:

- Pediatric Pulmonology Clinic once weekly on Saturday

Dr. Suman Sarkar

PICU In charge

Actively involved as Co-coordinator for the development of new PICU Lab and research laboratory in the department

Publications

1. Roy A, **Sarkar S**, Basu Thakur S, Jain PK. Inadvertent intrathecal administration of 2. Tranexamic acid in a case of caesarean section: a report of medication error. Southeast Asian Journal of Case Report and Review 2015.

2. Pandey SK, Mandal D, Datta S, Dutta S, **Sarkar S**. Incidentally Found Congenital Cystadenomatoid Malformation in a misdiagnosed Case of Massive Pneumothorax, in a 2 Month Old Child. International Journal of Science and Research 2015; 4 (8): 1993-1995.
3. Chatterjee A, **Sarkar S**, Roy A. Haemothorax in Thalassaemia May be a Complication of Rupture of Intrathoracic Extramedullary Haematopoiesis. JMSCR.2015;3(9):7343-46
4. Chatterjee A, Sinha MK, **Sarkar S**, Roy BC, Patra R. Wilms' Tumor in Children: An Experience of SIOP Protocol from Tertiary Centre..JMSCR .2015;3(9):7437-42
5. Chatterjee A, **Sarkar S**, Roy A. Hepatic Encephalopathy because of Falciparum Malaria in a Child: A Rare Association.IJSR.2015;4(8):1872-73
6. Chatterjee A, **Sarkar S**. Cardiac Tamponade in Infant First Manifestation of Primary Hypothyroidism: A Rare Occurrence. .IJSR.2015;4(8):1496-97
7. Roy A, **Sarkar S**, Chatterjee A, Banerjee A. A comparative study between dexmedetomidine and propofol for maintaining depth of anesthesia in elective craniotomy: a prospective randomized double blind study. Int J Res Med Sci 2015;3:3238-44.
8. **Sarkar S**, Roy A, Chatterjee A, Roy BC, Mondal S, Pramanick K. Button Battery Ingestion with different outcome : two case reports from a Tertiary care Hospital. Journal of Pediatric Sciences. 2015;7:e248

Journal reviewer

- Reviewer of the Journal of Medicine and Medical Sciences

Current Research Project

- Project title: Intussusception in Infants: Multisite Hospital Based Surveillance in India
- "Common Adverse reaction of drugs used in PICU" in collaboration with Dept. of Pharmacology.

Training Programs attended:

- Workshop cum training program on 'Basic Pediatric Intensive care Course'

Pediatric Specialty Clinic at Out Patient Department, IPGME&R:

- PICU follow up Clinic once weekly on Tuesday

Dr. Anirban Chatterjee

Publications

1. **Chatterjee A**. Recurrent oropharyngeal candidiasis with T-cell deficiency: a case report IJSR.2015; 4(9):268-69
2. **Chatterjee A**, Sarkar S, Roy A. Haemothorax in Thalassaemia May be a Complication of Rupture of Intrathoracic Extramedullary Haematopoiesis. JMSCR.2015;3(9):7343-46
3. **Chatterjee A**, Sinha MK, Sarkar S, Roy BC, Patra R. Wilms' Tumor in Children: An Experience of SIOP Protocol from Tertiary Centre..JMSCR .2015;3(9):7437-42
4. **Chatterjee A**, Sarkar S, Roy A. Hepatic Encephalopathy because of Falciparum Malaria in a Child: A Rare Association.IJSR.2015;4(8):1872-73
5. **Chatterjee A**, Sarkar S. Cardiac Tamponade in Infant First Manifestation of Primary Hypothyroidism: A Rare Occurrence. .IJSR.2015;4(8):1496-97
6. Roy A, Sarkar S, **Chatterjee A**, Banerjee A. A comparative study between dexmedetomidine and propofol for maintaining depth of anesthesia in elective craniotomy: a prospective randomized double blind study. Int J Res Med Sci 2015;3:3238-44.
7. Sarkar S, Roy A, **Chatterjee A**, Roy BC, Mondal S, Pramanick K. Button Battery Ingestion with different outcome : two case reports from a Tertiary care Hospital. Journal of Pediatric Sciences. 2015;7:e248

Contributed chapters in the book 'Essentials of Pediatric Oncology' second edition published in 2015

Co-guide for the research project titled 'Vitamin D level in Idiopathic musculoskeletal pain'

Dr. Sarbani Roy Misra

Publications

1. **Sarkar S**, Misra S, Nandi M. Pityriasis Rubra Pilaris and Mesangial Proliferative Glomerulonephritis in a child: New association or Coincidence? E- pub. Indian J Nephrol. Sept 2015

Organizational Activities in 2015:

- 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.

Conference and Training Programs attended:

- Workshop on Advanced Neonatal and Infant Ventilation workshop
- Advanced NRP
- 34th WB Pedicon 2015

Dr. Bidhan Chandra Roy

Publications

1. Chatterjee A, Sinha MK, Sarkar S, **Roy BC**, Patra R. Wilms' Tumor in Children: An Experience of SIOP Protocol from Tertiary Centre..JMSCR .2015;3(9):7437-42
2. Sarkar S, Roy A, Chatterjee A, **Roy BC**, Mondal S, Pramanick K. Button Battery Ingestion with different outcome : two case reports from a Tertiary care Hospital. Journal of Pediatric Sciences. 2015;7:e248

Completed the workshop based manual on Developmental Pediatrics, Pedicon 2015

Nodal officer (IPGME&R and SSKM Hospital Unit) for WHO-AFP surveillance program

Dr. Koushik Pramanik

Publications

1. Sarkar S, Roy A, Chatterjee A, Roy BC, Mondal S, **Pramanick K**. Button battery ingestion with different outcome: two case reports from a tertiary care hospital. Journal of Pediatric Sciences. 2015;7:e248.

Training Program attended

- Attended workshop on 'Pediatric and neonatal mechanical ventilation'

Dr. Sandip Kumar Mandal

Publications

2. Sarkar S, Roy A, Chatterjee A, Roy BC, **Mondal S**, Pramanick K. Button battery ingestion with different outcome: two case reports from a tertiary care hospital. Journal of Pediatric Sciences. 2015;7:e248.

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 Pundit Hospital

Total Annual Admission in Pediatric ward – 2945 [399 more than the previous year]

Total Death in ward – 159 [5.05%] [6.24 % was in the previous year]

Patient care is rendered by all tiers of Doctors including the House physicians and interneees.

Clinical Attachments of PGTs – to the NICU (Departmental of Neonatology) and PICU in addition to Pediatric ward.

Pediatric Intensive Care Unit (PICU)

8 bedded at present with a step down ward

Dr Suman Sarkar, Assistant Professor (In charge)

- Total Admission in PICU – 360 [179 in last year]

- Total patient ventilated – 132 [74 in last year]
- Total patient recovered from critical illness – 265 [130 in last year]
- Patient Survival Rate – 73.61 % [72.6 % in last year]
- Survival of ventilated patient – 49.3 % [43.6 % last year]

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: 44686 [32635 in last year ie.12051 more than the previous year]
- Old patients – 21114 [11742 in last year]
- New patients – 23572 [20893 in last year]

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)
PICU follow up Clinic	Dr. Suman Sarkar	Tuesday (11 am – 1 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

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

Neonatal Surgery Unit

Dr. Dipankar Roy M.S., M.Ch.	Assistant Professor
Dr. Suman Kumar Das M.S., M.Ch.	Assistant Professor

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

House staff

Dr. Basusdha Roy M.B.B.S.	House Staff
Dr. Aparajita Bera M.B.B.S.	House Staff

Faculty news

Dr. Ruchirendu Sarkar

Conference attended:

- International Live Operative Workshop on Exstrophy-Epispadias Complex., Ahmedabad, Jan 16-18, 2015.
- E.I.P.O.F. Meeting, Tata Memorial Cancer Centre, Mumbai, Sep 12, 2015.

Dr. Rishavdeb Patra

Conference attended:

- International Live Operative Workshop on Exstrophy-Epispadias Complex., Ahmedabad, Jan 16-18, 2015.
- Paediatric Urology Update & Workshop, S.G.P.Gi.I., Lucknow, Feb 2-14, 2015.
- 10th Annual Conference cum Workshop, Paediatric Endoscopic Surgeons of India, Jaipur, Feb 27 – Mar 1, 2015.

Papers published

- Constriction of the umbilical cord by an amniotic band leading to foetal demise: a case report. Journal of Obstetrics & Gynaecology of India 2015; 65: 931-2.
- Patent vitello-intestinal duct with ileal prolapse in a newborn. Journal of Indian Association of Paediatric Surgeons 2015; 20: 98-9.

Service information

OPD: Monday, Wednesday, Friday O.T. Days: Daily

Total OPD cases	Total OPD cases	Total admissions	Total operations
Paediatric Surgery New: 4956 Old: 5108	Neonatal Surgery New: 522 Old: 537	Paediatric Surgery: 854 Neonatal Surgery: 223	Paediatric Surgery: 974 Emergency: 50 Elective Major: 778 Elective Minor: 178 Neonatal Surgery: 147

Pathology

Faculty

Prof. Manoj Kumar Choudhury	MBBS, MD	Professor & Head
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 Roy	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. Moumita Sengupta	MBBS, MD	Assistant Professor
Dr. Bibhas Saha Dalal	MBBS, MD	Assistant Professor
Dr. Biswajit Kundu	MBBS, DO	Demonstrator
Dr. Kajari Mondal	MBBS, MD	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 2013-16	Session 2014-17	Session 2015-18
<ul style="list-style-type: none"> • Dr. Kamalika Bandyopadhyay • Dr. Utsha Senapati • Dr. Piyabi Sarkar • Dr. Saikat Bera • Dr. Mona Tirkey • Dr. Koushik Sarkar • Dr. Namrata Maity • Dr. Soutrik Das • Dr. Boby Mazumder • Dr. Riju Bhattacharyya • Dr. Ruby Sarkar • Dr. Deval Parekh • Dr. Asit Chakraborty • Dr. Gargi Mukherjee 	<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. Nelofar Islam • Dr. Soumendra Mishra • Dr. Soumya Kanti Pramanik • Dr. Tushar Kanti Das • Dr. Pratap Mondal • Dr. Sucharita Sarkar

FACULTY NEWS

- Prof. Manoj Kr. 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. Madhumita Mukhopadhyay has acted as an external examiner in MD in Guwahati Medical College.

- Dr. Uttara Chatterjee delivered lecture on Neuropathology at the Golden Jubilee of Neurosciences at AIIMS, New Delhi in November, 2015 & at Kochi at the Annual Conference of ISNOCON in March, 2015.
- Prof. Chhanda Datta delivered guest-lecture on cancer-awareness in DBT organised programme organised by Calcutta University on 9th December at Lady Braborn College.
- Prof. Asim Kumar Manna acted as internal examiner of DMLT final examination under State Medical Faculty.
- Dr. Debasish Chakraborty acted as an external examiner in MBBS in Silchar.

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.

Journal clubs and seminars are held in every alternative Fridays with all faculty members and postgraduate students. Different teachers of our department act as co-guide in thesis of other disciplines. Many teachers act as adjudicators of MD pathology thesis.

In addition our department hosted CME in Cytology on 10th & 11th April, 2015 where Dr. Tanuja Seth from TMH, Mumbai and Prof. Pranab Dey from PGI, Chandigarh delivered lectures & took workshop.

R. N. Ghosh Memorial CME on Gynaecology Pathology was held on 19th September, 2015.

Workshop on Core-Needle Biopsy was held on 16th September, 2015.

Prof. Debdatta Basu from JIPMER, Puducherry, delivered lecture on Pediatric Hematology.

STUDENT AND RESEARCH SCHOLAR INFORMATION

Thirteen students have successfully completed MD Pathology course in 2015.

Total of 30 publications have been accepted and published in different national and international journals by faculties and students during the period from Jan-Dec, 2015.

RESEARCH PROGRAMS

First instalment of WBDSTFIST has been granted to the Dept of Pathology this year.

“Role of calretinin in Hirschsprung disease in infants” from WBDST under Prof. Madhumita Mukhopadhyay.

“Role of IDH1 in glial tumors” from WBDBT under Prof. Chhanda Datta and Prof. Uttara Chatterjee.

Thesis projects ongoing

Student	Guide	Topic
Dr. Kamalika Bandyopadhyay	Prof. P. K. Mitra	Incidence of parathyroid adenoma and carcinoma among patients of symptomatic primary hyper parathyroidism
Dr. Utsha Senapati	Prof Manoj Kumar Chowdhuri	Clinicopathological study of Functional dyspepsia and its relation with Helicobacter Pylori, the role of interleukins in its pathogenesis and the pathological changes in stomach and duodenum in these patients

Dr. Piyabi Sarkar	Prof M. K. Chowdhuri	Aldehyde Dehydrogenase 1 (LDH1) as a bio marker in breast carcinoma
Dr. Saikat Bera	Prof C. Datta	Intra operative squash cytology of CNS tumors with special emphasis on immunostains.
Dr. Mona Tirkey	Prof C. Datta	Role of p16/Ki 67 dual immunostaining in detection of cervical cancer precursors.
Dr. Kaushik Sarkar	Prof M. Mukhopadhyay	Spectrum of breast carcinoma in relation to ER,PR, HER2neu stains with special emphasis on triple negative subtypes.
Dr. Namrata Maity	Prof M. Mukhopadhyay	Spectrum of pediatric renal tumors with special reference to WT!1 immunostaining in Wilms tumors.
Dr. Soutrik Das	Prof U. Chatterjee	Utility of IDH1 expression in human gliomas.
Dr. Boby Mazumder	Prof U. Chatterjee	Significance of interstitial cells of <i>Cajal</i> in chronic constipation of childhood.
Dr. Riju Bhattacharyya	Dr. D. Chakraborty	Correlation between cytology and histology in oral malignant and premalignant lesions and comparison of efficacy of different stains i.e. PAP,MGG, and Toluidine blue.
Dr. Ruby Sarkar	Dr. R. Saha	A study on cytological, histological & biochemical correlation and expression of galactin3 in thyroid disease.
Dr. Deval Parekh	Prof A. K. Manna	Morphometric study of epithelial lesions of cervix special reference to proliferative activity.
Dr. Asit Chakraborty	Prof A. K. Manna	Morphometry of epithelial lesions of endometrium with special reference to proliferative activity (Ki67 & PCNA).
Dr. Gargi Mukherjee	Dr. S. Roy	Frequency of Renal Cell Carcinoma in patients having kidney tumors attending a tertiary care hospital with special reference to Vimentin & CK7.
Dr. Dipan Das	Dr. Keya Basu	Local and systemic imbalance of CD4+ t cells in granulomatous colitis.
Dr. Zeenat Ara	Dr. D. 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 C. 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 U. Chatterjee	Clinicopathological study of hepatoblastomas 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&e-cadherin with respect to myoinvasion in urothelial carcinoma of urinary bladder.
Dr. Madhu Kumari	Prof M. 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 llimmunobullous diseases in a tertiary referral centre of eastern India.

SERVICE INFORMATION

From January 2015 to November 2015

Routine investigations	
Blood	42254
Urine	28652
Stool	765
CSF & other fluids	1956
Malaria	3624
Prothrombin Time	5421
Blood grouping	2138
Total	84810
Histopathology	
Specimen	7495
Slides (Routine)	22564
Slides (Special stains)	252
Slides (Review)	169
Immunohistochemistry (academic work)	298
Total	30778

Hematology	
Blood	85463
Bone marrow	463
Special tests	7541
Total	93467
Cytopathology	
FNAC including CT & USG guided and review	2569
Fluid & exfoliative cytology	2973
Review	165
Total	5707
Serology, chemical pathology and HLA typing	
	420
Grand Total	2,15,182

Thalassemia screening

Total screened	6821
• Normal	5461
• β thalassemia carrier	411
• HbE carrier	295
• HbS carrier	28
• β thalassemia	11
• HbS- β thalassemia	6
• Others	607

Pharmacology

1. STAFF & SCHOLARS

	Post / Designation
Faculty	
Prof Amal Kanti Das MBBS, MD	Professor & Head
Prof. Mitali Chatterjee MBBS, MD, PhD, MAMS	Professor
Prof. Suparna Chatterjee MBBS, DTMH, MD	Professor
Prof. Avijit Hazra MBBS, MD	Professor
Dr. Amrita Sil MBBS, MD	Assistant Professor
Dr. Avjit Kundu MBBS, MD	Assistant Professor
Dr. Tridib Kumar Ray MBBS	Demonstrator
Dr. Chaitali Sengupta MBBS	Demonstrator
Dr. Sreya Todi MBBS	Demonstrator
Dr. Ranjan Basu MBBS, MD	Demonstrator (transferred 21.08.2015)
Dr. Sarbajit Mazumder MBBS MD	Demonstrator (transferred 20.01.2015)
Postgraduate trainees	
Dr. Bikramjit Barkondaj MBBS	MD PGT 2013-16
Dr. Nafisha Yasmin MBBS	MD PGT 2013-16
Dr. Subhrangsu Chatterjee MBBS	MD PGT 2013-16
Dr. Lily Dubey MBBS	MD PGT 2013-16
Dr. Chandrakona Bandyopadhyay MBBS, DLO	MD PGT 2013-16
Dr. Vivek Kumar Verma MBBS	MD PGT 2013-16
Dr. Manjari Kumari MBBS	MD PGT 2014-17
Dr. Amritendu Mondal MBBS	MD PGT 2014-17
Dr. Anindita Pal MBBS	MD PGT 2014-17
Dr. Banhisikha Adhikary MBBS	MD PGT 2014-17
Dr. Monalisa Dhuya MBBS	MD PGT 2014-17
Dr. Prajesh Kiran Bhunya MBBS	MD PGT 2015-18
Dr. Shouvik Choudhury MBBS	MD PGT 2015-18
Dr. Sandeep Lahiry MBBS	MD PGT 2015-18
Dr. Ayan Mukherjee MBBS	MD PGT 2015-18
Dr. Moumita Bala MBBS	MD PGT 2015-18
Dr. Koustuv Chowdhury MBBS	MD PGT 2015-18
Research scholars	
Dr. Tapas Kumar Sur MSc, PhD	Postdoctoral Research Scholar
Mr. Alak Manna MSc	Senior Research Fellow
Ms. Susmita Ghosh MSc	Senior Research Fellow
Ms. Susmita Roy MSc	Senior Research Fellow
Ms. Soumita De Mpharm	Junior Research Fellow
Mr. Shibabrata Mukherjee MSc	Junior Research Fellow
Ms. Sritama De Sarkar MSc	Junior Research Fellow
Ms. Sneha Mitra MSc	Junior Research Fellow
Ms. Indrani Chakraborty MSc	Junior Research Fellow
Mr. Bodhisatta Chakraborty	Coordinator – Pharmacovigilance Programme of India
Medical Technologists (Laboratory)	
Mr. Debajyoti Paharai	M.T. (Lab)
Mr. Anup Samanta	M.T. (Lab)
Other non-teaching staff	
Mr. Tapan Kumar Ghosh	GDA
Mr. Md. Rahatulla	GDA
Mrs. Sabitri Devi Mallick	Sweeper (Expired on duty)

2. TRANSFERS AND POSTINGS

Name of officer	Transferred from / to	Release date
Dr. Ranjan Basu	Dept. of Microbiology, Murshidabad Medical College	Transferred on 21.08.2015
Dr. Sarbajit Mazumder	Department of Anatomy, IPGME&R	Transferred on 21.08.2015

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.
- Sep 7-11: Participated in the Training Course on Curriculum Design and Evaluation at the National Institute of Health & Family Welfare, Munirka, New Delhi.

Prof. Mitali Chatterjee

- Elected Fellow, National Academy of Sciences, India (FNASc)
- January 2015: Organized a symposium 'Elimination of Leishmaniasis in South Asia by 2015: a myth or reality?'
- April 2015: Received Human Resource Development Senior Research Fellowship, ICMR, Govt. of India. Visiting Fellow, Centre for Immunology & Infection, Univ. of York Medical School, York, UK.
- Nov 9-22, 2015: Invited as 'Visiting Expert' through Third World Academy of Sciences to Faculty of Medicine, Dept. of Parasitology, Colombo.
- Invited speaker, 'Malabaricones via redox dysregulation are effective anti-cancer therapeutics' H3C Health Sciences Innovation Conference, Ohio State Univ. & AIIMS, Mumbai,
- Invited speaker, 'Unravelling the mystery of Post Kala-azar Dermal Leishmaniasis in South Asia', London School of Tropical Medicine & Hygiene, London, UK, April, 2015.
- Invited speaker, 'Plant derived anti oxidants are an effective add on therapy in inflammatory diseases' Armed Forces Radiobiology Research Institute, Bethesda, Maryland, USA, April 2015
- Invited speaker, 'Tracking of free radicals in health and disease by Flow cytometry', Annual Meeting of The Cytometry Society, Mumbai, October 2015
- Invited speaker, Elimination of Leishmaniasis in South Asia by 2015: a myth or reality? Sri Lanka Medical Association, Colombo Sri Lanka, November 2015
- Invited speaker, 'Raising stress levels in cancer cells is an effective chemotherapeutic strategy' Dept. of Zoology, Univ, of Calcutta, November 2015
- Member, Expert group on 'Metabolic Disorders and Autoimmune Diseases', Dept. of Biotechnology, Govt. of India
- Serving 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
- Served as Vice President, The Cytometry Society of India. Elected as 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.
- Serving as Guest Faculty for MS Pharmaceutical Sciences course of National Institute of Pharmaceutical Education & Research (NIPER), 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.	2012-15	ICMR, Govt. of India
2	Malabaricones as potential anticancer agents.	2013-16	DST, Govt. of West Bengal
3	Therapeutic effectiveness of allylpyrocatechol (APC) in experimental models of arthritis.	2012-15	DBT, Govt. of India

Prof. Suparna Chatterjee

- Member Signal Review Panel, Pharmacovigilance Program of India, 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, Fair Price Shop Monitoring Committee of SSKM Hospital, Kolkata.
- Member, Purchase Committee of SSKM Hospital, Kolkata.
- 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.
- Examiner and paper setter of MBBS and MD of the West Bengal University of Health Sciences, Utkal University, Assam University, Tripura University, Maharashtra University of Health Sciences and KIIT University.
- Served as reviewer for Indian Journal of Pharmacology and International Journal of Ayurveda Research.
- Apr 10-11: Served as faculty in Research Methodology & Biostatistics Workshop on behalf of Medical Education Unit, IPGME&R.
- Jun 24: Invited lecture on "Relevance and importance of drug safety reporting in India" at VSS Medical College, Burla, Odisha.
- July 16: Invited lecture on "Safety reporting in clinical trial" and "Compensation for Clinical trial related Injury" at GCP Training program at Fortis Hospital, Kolkata.
- Aug 22: Guest lecture on "Overview of Good Clinical Practice" at GCP training program of Jadavpur University BA/BE Center.
- Oct 3: Delivered guest lecture at NIPER RaeBareilly titled "Pharmacogenomics: an overview".
- Oct 31: Participated as resource person in Society of Pharmacovigilance India 15th Annual Conference (SoPICON-2015) organized by School of Tropical Medicine, Kolkata, at KPC Medical College & Hospital, Kolkata. Presented lecture on "Pharmacovigilance in Public Health Programs.
- Nov 27: 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. Delivered talks on "Overview of Pharmacovigilance Program of India".
- Dec 5: Invited guest lecture on "Therapeutic drug monitoring in Pharmacovigilance" at CME program, Kalinga Institute of Medical Sciences. Bhubaneshwar.
- Principal investigator of the collaborating center (IPGME&R, Kolkata) for the ICMR funded project on "Antibiotic stewardship program and advocacy of rational antimicrobial use". (Approved to be initiated shortly).

Prof. Avijit Hazra

- Served as Member Secretary, Institutional Ethics Committee, IPGME&R, Kolkata.

- Member, Institutional Ethics Committee of National Research Institute of Ayurveda for Drug Development, Kolkata, Nightingale Hospital, Kolkata and 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, Manipur University and Tripura University.
- Examiner for MD Pharmacology Examination of Mahatma Gandhi Mission (MGM) University, Kamothe, Navi Mumbai.
- Examiner for DM Clinical Pharmacology Examination of the West Bengal University of Health Sciences.
- PhD Examiner for Department of Science, Netaji Subhas Open University, Kolkata.
- Faculty for the Medical Teachers Training Courses 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 and Diploma in Clinical Research & Regulatory Affairs course of Jadavpur University, 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 Member, Pharmacist Selection Panel of the Indian Institute of Science Education & Research (IISER), Shibpur, Howrah.
- 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 BMC Anesthesiology, 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.
- Feb 26-27: Served as faculty for the awareness program 'Current Regulatory Requirements for Members of Institutional Ethics Committee' organized at B. M. Birla Heart Research Centre, Kolkata, by Clinical Development Services Agency (CDSA), an extramural unit of Translational Health Science & Technology Institute (THSTI), Department of Biotechnology, Govt. of India.
- Mar 2-3: Served as faculty for the 'Regional Symposium on Medicine Safety and Pharmacovigilance' at School of Tropical Medicine, Kolkata.
- Mar 11: Served as Chief Guest and theme speaker on 'Frontiers in Pharmacology' at PHARMATECH-2015 organized by Dept. of Pharmacology & Therapeutics, Seth GS Medical College & KEM Hospital, Mumbai.
- Mar 14: Served as session chairperson at the 3rd Annual Conference of the Association of Physiologists and Pharmacologists of India, Kolkata Chapter, at IPGME&R, Kolkata.
- Apr 10-11: Conducted Research Methodology & Biostatistics Workshop on behalf of Medical Education Unit, IPGME&R.
- May 8: Delivered invited talk on 'Role of the community pharmacist' in the seminar on 'Community pharmacy and its impact on society' at Calcutta Institute of Pharmaceutical Technology (CIPT), Uluberia.
- Jul 3: Presented invited talks on 'Clinical study design' and 'Statistics of diagnostic tests' at the Association of Clinical Biochemists West Bengal Chapter meeting on 'Quality assurance in the laboratory' at College of Medicine & Jawaharlal Nehru Hospital, Kalyani.
- Jul 5: Presented invited talks on 'Research designs' and 'Biomedical statistics' at the CME on Medical Education & Research organized by the Bengal Obstetrics and Gynecological Society at Chittaranjan Seva Sadan Hospital.
- Jul 18: Participated, as faculty, in the CME on Research methodology and Paper writing organized by 'Indian Pharmacological Society, West Bengal Branch' at West Bengal university of Animal & Fishery Sciences, Kolkata.
- July 22: Participated, as faculty, in the Good Clinical Practice (GCP) with Focus on Palliative Care Research' symposium organized by department of Palliative Care, Saroj Gupta Cancer Center & Research Institute (SGCCRI), Thakurpukur, Kolkata.
- Aug 8-9: Participated, as faculty, in the IADVL Research Methodology Workshop organized at Gauhati Medical College (GMC) by Dept. of Dermatology, GMC, Medical Education Unit, GMC, IADVL Academy and IADVL North-East Branch, Guwahati.
- Sep 7-11: Participated in the Training Course on Curriculum Design and Evaluation at the National Institute of Health & Family Welfare, Munirka, New Delhi.
- Oct 31-Nov 2: Participated as resource person in Society of Pharmacovigilance India 15th Annual Conference (SoPICON-2015) organized by School of Tropical Medicine, Kolkata, at KPC Medical College & Hospital, Kolkata.
- Nov 27: 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.

- Nov 29: Served as faculty at 'Sensitization Program on GCP' organized by National Allergy Asthma Bronchitis Institute (NAABI), Kolkata.
- Dec 4: Served as faculty for 'Research Methodology Workshop' conducted by College of Medicine and Sagore Dutta Hospital, Kamarhati.
- Dec 18-20: Attended 48th Annual Conference of Indian Pharmacological Society (IPSCON-2016) at Saurashtra University, Rajkot, Gujarat. Chaired Achari Prize Session.

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

- Conferences / workshops attended:
 - Training program in Pharmacovigilance on 27.11.2015 held at East Zone Regional Centre for training and technical support, Department of Pharmacology, IPGME&R, Kolkata
 - SoPICON-2015: The 15th Annual Conference of the Society of Pharmacovigilance India and International Colloquium on Patient Safety held on October 31st to November 2nd, 2015 at Kolkata
- Presentation at conferences:
 - A Sil, N K Das, A Das, S Mohanty, A Ghosh, R Gharami, D Bandyopadhyay. Effectiveness, safety and tolerability of Cyclosporine A (CsA) vs Supportive treatment in SJS/TEN: a record based study. In: The 15th Annual Conference of the Society of Pharmacovigilance India (SoPICON 2015) held on October 31st to November 2nd, 2015, Kolkata.
- Projects ongoing or recently completed.

SN	Title of the project	Duration	Funding agency
1	Subcutaneous AST in chronic urticaria [Co-Investigator]	2015-16	Nil.
2	Effectiveness and safety and cytokine profile of Mw vaccine vs. PPD in cutaneous warts. [Co-Investigator]	2015-16	ICMR (proposed)
3	Effectiveness and safety of metformin vs. Canthex in acanthosis nigricans. [Co-Investigator]	2015-16	M/s Curatio Health Care
4	Evaluation of precision of pediatric liquid dosage forms. [Principal Investigator]	2013-15	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. Chaitali Sengupta

- 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 Apr 10-11, 2015.
 - Training program in Pharmacovigilance on 27.11.2015 held at East Zone Regional Centre for training and technical support, Department of Pharmacology, IPGME&R, Kolkata.
 - SoPICON-2015: The 15th Annual Conference of the Society of Pharmacovigilance India and International Colloquium on Patient Safety held on October 31st to November 2nd, 2015 at Kolkata.

Publication by faculty, students and research scholars

1. Dey SK, Das AK, Sen S, Hazra A. Comparative evaluation of 2 g single dose versus conventional dose azithromycin in uncomplicated skin and skin structure infections. *Indian J Pharmacol* 2015; 47: 365-9.
2. Kumar D, Das B, Sen R, Kundu P, Manna A, Sarkar A, Chowdhury C, Chatterjee M, Das P. Andrographolide analogue induces apoptosis and autophagy mediated cell death in U937 cells by inhibition of PI3K/Akt/mTOR pathway. *PLoS One* 2015; 10: e0139657.
3. Mukhopadhyay D, Mukherjee S, Roy S, Dalton JE, Kundu S, Sarkar A, Das NK, Kaye PM, Chatterjee M. M2 polarization of monocytes-macrophages is a hallmark of Indian Post kala-azar dermal leishmaniasis. *PLoS Negl Trop Dis* 2015; 9: e0004145.
4. 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* 2015; PMID:26644312.
5. De S, Sen T, Chatterjee M. Reduction of oxidative stress by an ethanolic extract of leaves of Piper betle (Paan) Linn. decreased Methotrexate-induced toxicity. *Mol Cell Biochem* 2015; 409: 191-7.
6. Manna A, De Sarkar S, De S, Bauri AK, Chattopadhyay S, Chatterjee M. The variable chemotherapeutic response of Malabaricone-A in leukemic and solid tumor cell lines depends on the degree of redox imbalance. *Phytomed* 2015; 22: 713-23.
7. Ghosh S, Das NK, Mukherjee S, Mukhopadhyay D, Barbhuiya JN, Hazra A, Chatterjee M. Case report series: Inadequacy of 12 weeks miltefosine treatment for Indian post kala-azar dermal leishmaniasis. *Am J Trop Med Hyg* 2015; 93: 767-9.
8. Manna A, Bauri AK, Chattopadhyay S, Chatterjee M. Effectiveness of Malabaricone-A in a multidrug resistant cell line is mediated via generation of redox imbalance. *Anti-Cancer Agents in Medicinal Chemistry* 2015; 15: 1156-63.
9. 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* 2015; doi: 10.1111/ijd.13048.
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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 continued utilization of further grant of Rs. 83 lakh under the infrastructure development scheme (FIST) of the Department of Science and Technology, Government of India. Additional equipment have been 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, 2015 and in Nov 2015, leading to award of MD degree.

Dr. Sourav Das Choudhury	Effectiveness and safety of ilaprazole versus rabeprazole in patients of uninvestigated dyspepsia: a randomized controlled trial.
Dr. Alak Kumar Das	Clinical effectiveness and safety of generic versus branded amlodipine in hypertension: a single blind, prospective, randomized, crossover, non-inferiority trial.
Dr. Ayan Kumar Pati	Oxidative stress in vitiligo: is there a role for antioxidants like Piper <i>betle</i> ?
Dr. Kaushik Mukhopadhyay	Evaluation of levels of oxidative stress as a potential biomarker in patients with rheumatoid arthritis.
Dr. Sandip Baidya	A study of antimicrobial use in children admitted to pediatric medicine ward of a tertiary care hospital.

Dr. Sohel Rana, who was supposed to appear in the MD Pharmacology examination of the West Bengal University of Health Sciences, in April-May, 2015 discontinued the course prematurely. This is the first discontinuation in the last 5 years.

Drs. Prajesh Kiran Bhunya, Shouvik Choudhury, Sandeep Lahiry, Ayan Mukherjee, Moumita Bala and Koustuv Chowdhury (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.

Other research scholars are pursuing projects as stated below:

SN	Name	Fellowship and Guide	Title of research
1	Debanjan Mukhopadhyay	ICMR-NET, Govt. of India Dr. Mitali Chatterjee	Evaluation of immunoclinical determinants in Indian post kala-azar dermal leishmaniasis. [Completed – PhD awarded]]
2	Sunanda Kundu	ICMR SRF, Govt. of India Dr. Mitali Chatterjee	Effectiveness of allylpyrocatechol in inflammation associated disorders. [Completed – PhD awarded]
3	Alak Manna	ICMR SRF, Govt. of India, Dr. Mitali Chatterjee	Anti-cancer potential of plant derived compounds with pro-oxidant activity. [Completed – PhD awarded]
4	Soumita De	DBT SRF, Govt. of India Dr. Mitali Chatterjee	Therapeutic effectiveness of allylpyrocatechol (APC) in experimental models of arthritis.
5	Susmita Ghosh	ICMR SRF, Govt. of India Dr. Mitali Chatterjee	Development of biomarkers in Indian leishmaniasis. [Completed – PhD thesis submitted]
6	Susmita Roy	Dr. Mitali Chatterjee, CSIR-NET	Evaluation of monocyte functions in Indian Visceral Leishmaniasis
	Sritama De Sarkar	DST, Govt. of West Bengal Dr. Mitali Chatterjee	Malabaricones as potential anticancer agents
7	Shibabrata Mukherjee	INSPIRE Fellowship (DST, Govt. of India) Dr. Mitali Chatterjee	Study of immunodeterminants at the lesional site of patients with post-kala-azar dermal leishmaniasis.
8	Sneha Mitra	INSPIRE Fellowship (DST, Govt. of India) Dr. Mitali Chatterjee	New insights into the pathophysiology of vitiligo.
9	Ms. Srija Moulik	Dr. Mitali Chatterjee	Development of diagnostic markers for Indian leishmaniasis .
10	Indrani Chakraborty	CSIR-NET Dr. Mitali Chatterjee	Role of iron in <i>Leishmania</i> biology.
11	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.

7. OTHER INFORMATION – PROGRAMS / CONFERENCES / WORKSHOPS

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

- Mar 2-3: 'Regional Symposium on Medicine Safety and Pharmacovigilance' at School of Tropical Medicine, Kolkata.
- Apr 10-11: Department conducted Research Methodology & Biostatistics Workshop on behalf of Medical Education Unit, IPGME&R.
- Oct 31-Nov 2: Society of Pharmacovigilance India 15th Annual Conference (SoPICON-2015) organized by School of Tropical Medicine, Kolkata, at KPC Medical College & Hospital, Kolkata
- Nov 27: Department organized Pharmacovigilance Workshop at IPGME&R Kolkata with participations of Central Drugs Standard Control Organization (CDSCO), East Zone, and Indian Pharmacopoeia Commission, India.
- Nov 29: 'Sensitization Program on GCP' organized by National Allergy Asthma Bronchitis Institute (NAABI), Kolkata.
- Dec 18-20: 48th Annual Conference of Indian Pharmacological Society (IPSCON-2016) at Saurashtra University, Rajkot, Gujarat.

On Jul 16, 2015, MD students undertook a visit to the factory of M/s East India Pharmaceutical Works at Behala, Kolkata, in order to get a first hand idea of pharmaceutical production and principles of Good Manufacturing Practice

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.

1. Staff

A) Faculty

Dr. Rathindranath Halder MD (Cal), WHO Fellow	Professor & HOD
Dr. R. Pramanik; MD (Cal), MRCP (UK)	Associate Professor
Dr. Asoke Kumar Middy; MD (Cal)	Associate Professor
Dr. Firdaus Kamal MD (Cal)	Assistant Professor
Dr. Tanvir Ahmed MD (Cal)	Assistant Professor
Dr. Aniketa Bannerjee MD (Cal)	Assistant Professor
Dr. Saumen Kumar De DNB	RMO cum Clinical Tutor
Dr. Jaya Tirkey MBBS (Cal)	RMO cum Clinical Tutor
Dr. Vasundhara Ghosal DNB (PMR)	RMO cum Clinical Tutor
Dr. Debayan Ghorai MD (PMR)	RMO cum Clinical Tutor

B) Postgraduate (MD) trainees

Dr. Saurav Kanti Sinha 2013- 2016	Dr. Labani Biswas 2014-2017
Dr. Md Anwar Sadat Halder 2013- 2016	Dr. Ambar Konar 2015-2018
Dr. Swarnali Mandal 2013- 2016	Dr. Ishita Dey 2015-2018
Dr. Sayani Halder 2014-2017	Dr. KeshabMondal 2015-2018
Dr. Subhasish Pati 2014-2017	

C) Physiotherapy unit

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

D) Occupational therapy unit

Mr. Akash Das

E) Prosthetist and Orthotist

Mr. Dhruvi Sundar Das

FACULTY NEWS

Prof. R N Halder

- EDITOR: Indian Journal of Physical Medicine and Rehabilitation , Ex-President IAPMR WB Branch, Secretary IAPMR East zone, Treasurer IRA WB and East zone, Governing body member State Medical Faculty, Secretary BOS, WBUHS (PMR), Chairman East zone handicapped board for medical education
- Attended and delivered guest lecturer and chaired 43rd Annual national conference of IAPMR (IAPMRCON-15) held in Trivandrum during January,2015
- Attended and chaired and delivered lectures National Midterm CME of IAPMR held in Srinagar in September 15.
- Attended and Chaired East zone conference of IRA (EZCON-15) held at Kolkata in November 2015.
- Attended APLAR2015 held in Chennai in September 2015
- Publication: - Regular Editorial column in IJPMR and other journals.

Dr. R. Pramanik

- Associate Editor: Indian Journal of Physical Medicine & Rehabilitation
- Member of the syllabus review committee of School of safety and occupational Health Engineering, IIESR, Shibpur.

- Delivered guest lecturer and chaired 43rd Annual national conference of IAPMR (IAPMRCON-15) held in Trivandrum during January,2015
- Delivered lectures National Midterm CME of IAPMR held in Srinagar in September 15.
- Delivered lectures East zone conference of IRA (EZCON-15) held at Kolkata in November 2015.
- Attended APLAR2015 held in Chennai during September 2015
- Publication: Regular publications in IJPMR.

Dr. A. Midday

- Attended State conference of IRA (WB Branch) in the year 2015.

Dr F. Kamal

- Attended State conference of IRA (WB Branch) in the year 2015.
- Attended East Zone conference of IRA (EZCON-15) held at Kolkata during November 2015.

Dr T. Ahmed

- Attended State Conference of IRA (WB Branch) in the year 2015.

Dr. A. Banerjee:

- Attended State Conference of IRA (WB Branch) in the year 2015.
- Attended East Zone conference of IRA (EZCON-15) held at Kolkata during November 2015.

Dr. S. K. De

- Attended State conference of IRA (WB Branch) in the year 2015.
- Attended East Zone conference of IRA (EZCON-15) held at Kolkata during November 2015.
- Attended Annual National conference of IRA (IRACON-14) held in Chandigarh during December 2014.

Dr. D. Ghorai

i) Attended East zone conference of IRA (EZCON-15) held at Kolkata during November 2015.

Dr. V. Ghosal

Attended iStart In July, 2015.

REGULAR DEPARTMENTAL ACTIVITIES

Indoor service: Comprehensive rehabilitation is going in indoor mostlyfor sub acute rehabilitation care of neurological disability due to stroke, traumatic brain injury, spinal cord injury, GB syndrome, peripheral neuropathy, myasthenia gravis and musculoskeletal disability due to traumatic and inflammatory disorder, amputation by our rehabilitation team. 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	Case presentation/ OA clinic
Friday	OPD	Muscle testing, NCV
Saturday	Seminar/ classes	

Thesis work

SN	Title	PGT and session	Guide	Co Guide
1	Assessment of clinical and urodynamic improvement pattern in patients of	Saurav Kanti Sinha	Prof. R. N. Halder	Dr. R. Pramanik Dr. T. Ahmed

	detrusor sphincter dyssynergia after pudendal nerve block with 5% aqueous phenol			
2	Effectiveness of intraarticular versus intramuscular depot methyl prednisolone administration in functional improvement of hand of rheumatoid arthritis patients	Swarnali Mandal	Prof. R. N. Haldar	Dr. B. Ghosh Dr. P. P. Das
3	Effect of comprehensive cardiac rehabilitation in uncomplicated post CABG patient	Md Anwar Sadat Halder	Dr. Angshuman Mandal	Dr. R. pramanik
4.	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	Prof. R. N. Haldar	Dr. R. Pramanik Dr. D. Chakrabarty (PATHOLOGY)
5.	Role of Magnetic Resonance Arthrogram in Rehabilitation of glenohumeral instability	Sayani Haldar	Prof. R. N. Haldar	Dr. A..Middya Dr. F. Kamal Dr. S. Chakrabarty.(Radiodiag)
6	Assesment comparative efficacy of caudal epidural steroid injection in L5 versus S1 radicular pain in prolapsed intervertebral disc	Labani Biswas	Dr. R. Pramanik	Dr. T. Ahmed Dr. A. Banerjee

SERVICE INFORMATION

OPD location: Ground floor of Dept of PMR (New Building)

OPD attendance Total attendance 50446 Maximum attendance / day 316

Indoor patient: total admitted 272 Referral indoor patient management 1578

Procedures / investigations performed

- Local infiltration – Thursday & Saturday (avg 24/day)
- Muscle nerve Testing / SD curve – every Saturday (avg 6/week)
- Total Contact Casting – (avg 3/week)
- NCV & EMG – average 30/month (for academic & research activities)

Special clinics: Osteoarthritis clinic: Every Thursday (1 pm – 3 pm) Total attendance in last year – 225
 Exercise Therapy / Demonstration 26922
 Electrotherapy 9781
 Occupational therapy: 1048
 P&O assistance 504

Physiology

FACULTY

1.	Prof. Utpal Kumar Datta, MD	Professor & Head
2.	Prof. Kakali Roy (Basu), MD	Professor
3.	Prof. Sangita Sen, MD, PhD	Professor
4.	Dr. Ardhendu Mazumdar, MD	Associate Professor
5.	Dr. Shubhankar Kumar, MD, DNB	Associate Professor
6.	Dr. Deepankshu Shekhar Mandal, MD	Associate Professor
7.	Dr. Md. Mahboob Alam, MD	Assistant Professor
8.	Dr. Jayati Das, MD	Assistant Professor
9.	Dr. Debdeep Dasgupta, MD	Assistant Professor
10.	Dr. Subrata Nag, MD	Demonstrator
11.	Dr. Srila Ghosh Chowdhury, MD	Demonstrator
12.	Dr. Debjani Banerjee, MD	Demonstrator
13.	Dr. Sucheta Biswas, MD	Demonstrator
14.	Dr. Bikashendu Samui, MD	Demonstrator
15.	Dr. Soma Roy, MD	Demonstrator

Postgraduate Trainee:

1.	Dr. Madhusmita Boro	PGT 2013-2016
2.	Dr. Chandan Biswas	PGT 2013-2016
3.	Dr. Manik Chandra Ghosh	PGT 2013-2016
4.	Dr. Gouranga Sardar	PGT 2013-2016
5.	Dr. Prasenjit Majumdar	PGT 2013-2016
6.	Dr. C. Biakhlupuii	PGT 2014-2017
7.	Dr. Manaswee Ray	PGT 2014-2017
8.	Dr. Sanchari Ghosh	PGT 2014-2017
9.	Dr. Aparajita Mitra	PGT 2014-2017
10.	Dr. Uday Sarkar	PGT 2014-2017
11.	Dr. Shib Sankar Pal	PGT 2015-2018
12.	Dr. Saikat Manna	PGT 2015-2018
13.	Dr. Rama Chakraborty	PGT 2015-2018
14.	Dr. Sourav Ganguly	PGT 2015-2018
15.	Dr. Paromita Roy	PGT 2015-2018

COURSES CONDUCTED BY THE DEPARTMENT:

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

LABORATORY FACILITIES

- Neurophysiology lab for NCV studies.
- Biochemistry lab for routine biochemical parameters like urea, creatinine, glucose, lipid profile by spectrophotometer.
- Hematology lab 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. Aparajita Mitra: Topic- Effect of training in one spatial navigation task upon the learning curve in a different spatial navigation task.
- 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., Singhania, P., Singh, S. And Datta, U.K. (2011): Comparison of left ventricular mass in normotensive type 2 diabetes mellitus patients with that in the nondiabetic population. *Journal of Cardiovascular Disease Research*, 2, 50-56.
 - Lahiri S. K., Haldar D., Chowdhury S. P., Sarkar G. N., Bhadury S. And Datta, U. K. (2011): Junctures 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.) Kakali Roy (Basu)

- Guiding Thesis work of Dr. Shib Shankar Pal: Topic- Association of Obesity and Fatty Liver in Patients with Gall Stone Disease

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 the following PGTs:
- 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.
 - 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 leishmaniasishave 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 the following PGTs:
- Dr. Uday Sarkar: Topic- Effect of enriched environment on different cognitive abilities in rats: Visual recognition, context discrimination, working memory, spatial learning and semantic learning
 - 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

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.

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

Dr. Sreela Ghosh Chowdhury

Publications:

- Mandal M, Bandyopadhyay A, Datta A, G.Chowdhury S. Comparison of lower limit of normal values with a fixed ratio assessed by spirometry in obstructive and restrictive lung diseases in Indian population. *Int. J. Clin. Exptl.Physiol* 2015; 2: 67-73
- GhoshChowdhury S, Mandal O, Datta A, Chakraborty D. Effect of central adiposity on lung function tests in young adults. *IOSR* 2015; 14: 24-28

THESIS SUBMITTED IN 2015

- Dr. Madhusmita Boro: - Evaluation of Autonomic Function in Hypothyroid Patients Before and After L – Thyroxine Therapy (Under Guidance of Dr. Utpal Kumar Datta)
 - Dr. Chandan Biswas: - A Study of Cardiovascular Autonomic Functions in Diabetes Mellitus Patients (Under Guidance of Dr. Utpal Kumar Datta and Dr. Md. Mahboob Alam)
 - Dr. Manik Chandra Ghosh: - Evaluation of Electrophysiological Changes in Asymptomatic Type 1 Diabetic Patients (Under Guidance of Dr. Sangita Sen)
 - Dr. Gauranga Sardar: Effect of antihistaminic drug on spatial learning and memory recall of rats in Morris water maze (Under Guidance of Dr. Subhankar Kumar)
 - Dr. Prasenjit Majumdar: - Spirometric Evaluation of Adult SLE Patient and Its Relation with Duration, Disease Activity and Damage Index (Under Guidance of Dr. Ardhendu Mazumdar and Dr. Md. Mahboob Alam)
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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. Debarati Chattapadhyay	MCh	RMO cum Clinical Tutor
Dr. Kalyan Das	MCh	RMO cum Clinical Tutor

Senior Residents

Dr. Rahul Dhar	MS
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Medical Officers

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

Postdoctoral trainees (MCh Students)

Session 2013-16	Session 2014-17	Session 2015-18
<ul style="list-style-type: none"> • Dr. Subhakanta Mahapatra • Dr. Vaibhav Jain • Dr. Manavi Mishra • Dr. Sushovan Saha • Dr. Jayanta Bain • Dr. Krishnanand Dhruw • Dr. Debashis Baitalik 	<ul style="list-style-type: none"> • Dr. Nikhil Kumar Das • Dr. Sudipta Bera • Dr. Vivek Gupta • Dr. Ashwani Kumar • Dr. Vishrabdha Margoj Chandrakant • Dr. Khan Rafat Ali 	<ul style="list-style-type: none"> • Dr. Kavish Maheswari • Dr. Soumya Kanti Bag • Dr. Anirban Ghosh • Dr. Sudhakar Jena • Dr. Cinjini Das • Dr. Choden Norbu

Passed MCh(Plastic Surgery) from WBUHS in 2015

- Dr. Pritha Rakshit
- Dr. Yatindra Dewangan
- Dr. Subhakanta Mohapatra
- Dr. Aditya Kanoi
- Dr. Kinkat Munian
- Dr. Gouranga Datta

FACULTY NEWS

Prof. B. K. Majumdar

- Examiner, M.Ch. Examination, SCB Medical College, Cuttack, Utkal University- 26/03/15 & 27/03/2015
- Examiner, DNB (Plastic Surgery)-Final, Nizam's Institute Of Medical Sciences, Hyderabad: 08/05/15 To 10/05/15
- Examiner, M.Ch. Examination, Patna Medical College, Arjyabhatta University, Bihar - 22/05/15
- Examiner, M.Ch. Examination, SCB Medical College, Cuttack, Utkal University- 25/06/15 & 26/06/2015
- Examiner, M.Ch. Examination, Benaras Hindu University- 11/07/15

- Examiner, M.Ch. Examination, West Bengal University of Health Sciences, 18/07/2015

Publications

- Free thin anterolateral thigh flap for post-burn neck contractures- a functional and aesthetic solution : Sarkar A., Raghvendra S., Jeelani Naiyer M.G.,Bhattacharya D., Dutta G.,Bain J., Asha J: Annals of Burns & fire disasters: Vol. XXVII, December 2014

THESIS WORK ONGOING

- Comparative study of gluteal fasciocutaneous rotational flaps and myocutaneous flaps for the treatment of sacral pressure sores- Dr. Debasis Baitalik: 2013-2016
- A study of post operative outcome of various techniques for reconstructive and aesthetic breast surgeries-Dr. Manavi Mishra: 2013-2016
- Role of Nd:Yag laser in management of cutaneous vascular Malformations: A prospective study- Dr. Jayanta Bain: 2013-2016
- Study on reconstruction of composite mandibular defects using free fibula flap in relation to functional & aesthetic outcome- Dr. Krashnanand Dhruw: 2013-2016
- Study of various options for soft tissue defects of fingers-Dr. Vaibhav Jain:2013-2016
- Study of ALT free flaps as a versatile flap for management of head & neck, truncal and extremities defects-Dr. Sushovan Saha: 2013-2016
- A prospective comparative study of conventional versus mini transverse incision in carpal tunnel syndrome-Dr. Vivek Gupta: 2014-2017
- A prospective study to evaluate factors affecting recovery of ulnar & median nerve after emergency repair-Dr. Aswhani Kumar: 2014-2017
- A comparative study between collagen and conventional dressing in case of second degree burns injury-Dr. Nikhil Kumar Das: 2014-2017
- Study of different treatment modalities for vascular malformations - Dr. Sudipta Bera: 2014-2017
- Study of epidemiology of acid burns injury-Dr. Vishrabdha Margaj: 2014-2017
- A study of surgical reconstruction of scalp defects-Dr. Khan Rafat Ali: 2014-2017

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)
- A morphological study of nanosilver & nano-composite cognitive with biological system, 2011 onwards Oindri Ray (CU), SUBMITTED
- 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).

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
NER Ward (Emergency)	Main Block	5 (Male-3, Female-2)

CURZON Ward
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 2015 17508

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 O.T.
Laser Therapy (NPS O.T.)- Tuesday, Wednesday, Thursday
Burns Injury Operation Theatre, Ronald Ross Building: Daily Except Saturday, Sunday

Emergency operations requiring general anesthesia (NER O.T.)

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

Regular schedule operations in
plastic surgery operation theatres 2313
Microvascular operations 31
Emergency operations 2617
Laser Therapy 301

Operation days of each Unit (Scheduled operations)

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

Burn Unit

Burn Unit Admission 459
Operations performed in BRU O.T. 219

Total burn injury patient admitted in SSKM 901

New developments

- Operation of skin bank is in progress and cadaveric harvesting of skin started from 22/04/2013
 - A new CO₂ fractional laser machine (Martin) installed in the Plastic Surgery O.T.
 - Two new ventilators installed in the recovery room of the NPS O.T.
 - Two new ventilators installed in the Burns Unit.
 - Two new anesthesia work stations (Spacelabs) installed in NPS O.T.
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Institute of Psychiatry

Department of Psychiatry, IOP

FACULTY & STAFF

Dr. Pradip Kumar Saha	MD	Director & Professor
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. 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. Argya Halder, MBBS	MD	2013 – 2016
Dr. Avik Kumar Layek, MBBS	MD	2013 – 2016
Dr. Joydeep Acharjee, MBBS	MD	2013 – 2016
Dr. Tamoghna Bandyopadhyay, MBBS	MD	2013 – 2016
Dr. Abhijit Chakraborty MBBS, DPM	MD	2014 – 2016
Dr. Alok Kumar Mondal MBBS	MD	2014 – 2017
Dr. Aritra Chakraborty MBBS	MD	2014 – 2017
Dr. Awdhesh Solanki MBBS	MD	2014 – 2017
Dr. Biswajit Layek MBBS	DPM	2014 – 2016
Dr. Debnjan Saha MBBS	DPM	2014 – 2016
Dr. Debabrata Mondal MBBS	DPM	2014 – 2016
Dr. Himadri Mura MBBS	DPM	2014 – 2016
Dr. Kanchan Mukherjee MBBS	DPM	2014 – 2016
Dr. Mala De MBBS	DPM	2014 – 2016
Dr. Tamalika Debroy MBBS	DPM	2014 – 2016
Dr. Writtika Chatteraj MBBS, MD (Physiology)	DPM	2014 – 2016
Dr. Raja Das MBBS	DPM	2014 – 2016
Dr. Tamalika Debroy, MBBS	DPM	2014 – 2016
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. 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

Transfers & postings

Faculty	Designation	Transferred to	Date of Release
Ms Liza T. Daniel	Assistant Professor, Nursing	Resigned	

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

Faculty	Qualification	Designation
Dr. Dhruvjayoti Baghchi	MD, DPM	Associate Professor in Psychiatry
Dr. Sujit Sarkhel	MD, DPM	Asst. Professor, Psychiatry
Ms. Tapasri Das	MSc, MPhil	Clinical Psychologist
Ms. Sreetama Chatterjee	MSc, MPhil	Clinical Psychologist

DEPARTMENT OF PSYCHIATRIC SOCIAL WORK (PSW)

Faculty	Qualification	Designation
Ms. Mittu Muthu Varghese	M.A., M.Phil. in Sociology; M.Phil. PSW	Head & Assistant Professor
Mr. Kamlesh Kumar Sahu	M.A., M.Phil. PSW, Ph.D (pursuing)	Assistant Professor
Ms. Rupa Chakraborty	MSW, B.Ed. Mental Retardation	Psychiatric social worker
Students	Course	Session
Ms. Diya Chakraborty	M.Phil PSW	2013 – 2015
Ms. Kamalika Bhattacharjee	M.Phil PSW	2013 – 2015
Ms. Monisha Kaur Sudan	M.Phil PSW	2013 – 2015
Ms. Martina Nongmin	M.Phil PSW	2013 – 2015
Ms. Namita Sarkar	M.Phil PSW	2013 – 2015
Ms. Rituparna Jash	M.Phil PSW	2013 – 2015
Mr. Sayan Ganguly	M.Phil PSW	2013 – 2015
Ms. Richi Parasrampurua	M.Phil PSW	2014 – 2016
Ms. Sabornee Karmakar	M.Phil PSW	2014 – 2016
Ms. Anuradha Palit	M.Phil PSW	2014 – 2016
Ms. Trina Banerjee	M.Phil PSW	2014 – 2016
Ms. Aparajita Chkraborty	M.Phil PSW	2014 – 2016
Ms. Sneha Das	M.Phil PSW	2014 – 2016
Ms. Torsha Sinha	M.Phil PSW	2014 – 2016
Ms. Puja Chowdhury	M.Phil PSW	2014 – 2016

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

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. Doyal Ghosh	MA; MPhil Clinical Psychology	Clinical Psychologist
Students	Course	Session
Ms. Bidisha Mitra	M.Phil Clinical Psychology	2013 – 2015
Ms. Chhavi Tewary	M.Phil Clinical Psychology	2013 – 2015
Ms. Devika De	M.Phil Clinical Psychology	2013 – 2015
Ms. Megha Rathi	M.Phil Clinical Psychology	2013 – 2015
Ms. Navnita Bose	M.Phil Clinical Psychology	2013 – 2015
Ms. Nikita Jalan	M.Phil Clinical Psychology	2013 – 2015
Ms. Srijita Gupta	M.Phil Clinical Psychology	2013 – 2015
Ms. Tapolagna Das	M.Phil Clinical Psychology	2013 – 2015
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

There are 8 seats in this 2-year M. Phil course, which is affiliated to West Bengal University of Health Sciences. Application which was sent to Rehabilitation Council of India for recognition of the course and has been approved.

FACULTY NEWS

Prof. Pradeep Kumar Saha

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

Awards / Felicitations:

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

CME / Conferences / Workshops attended

- Participated in ANCIPS 2015 at Hyderabad Jan 2015. The conference was granted 4 CME points.
- Participated in World Psychiatric Association Regional Congress 2015 held at Le Meridian Hotel, Kochi, India from 25th-27th September 2015.
- Participated in 41ST Annual Conference of Indian Psychiatric Society of East Zonal Branch(CEZIPS 2015), held at Shillong Convention Centre, Shillong, Meghalaya, from 8th-10th October 2015.
- Psychiatric Conference 2015 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Hyatt Regency Hotel, on 12th&13th of September 2015. The conference was granted 3 CME credit hours by the West Bengal Medical Council, vide Ref No. 1086-C/28-2012, dated 23.08.15
- Participated in the 16th National Conference of Indian Association of Social Psychiatry' held at Hotel Clarks, Khajuraho, Madhya Pradesh from 3rd to 6th December, 2015. This conference has been accredited for 13 CME credit hours, by the Madhya Pradesh Medical Council, vide Ref No. 1631-C/28-2015, dated 24.10.15
- Hosted, conducted, chaired and lectured in the '4TH Kolkata PG CME' held at Institute of Psychiatry-Kolkata, on 22.12.15 & 23.12. 2015.

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

Achievements

- 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 Acharjee Titled "A comparative study of incidence of new onset obsessive compulsive symptoms in patient taking atypical antipsychotics (Olanzapine, Risperidone) and Haloperidol".

Dr. Prathama Guha

Publications

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

CME / Conferences / Workshops attended in the last one year:

- 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 & 23.12.2015
- Guide of several post-graduate thesis in Psychiatry.

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 4TH 'Kolkata PG CME' held at Institute of Psychiatry-Kolkata, on 22.12.15 & 23.12.2015

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 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.
- 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

Publications

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

- Topic- Vitamin deficiency induced encephalopathies - ASCIPS & ASCIAPP- 2015)

Dr. Nikhiles Mandal

Publications

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

Dr. Naba Kumar Maiti

Publications

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

THESES PUBLICATION, STUDENT & RESEARCH SCHOLAR INFORMATION

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.*

Department of Clinical Psychology, IOP

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.

FACULTY NEWS

Dr. Bidita Bhattacharya

Publications

- One publication in Journal of Rational Emotive and Cognitive behavior Therapy
- One publication in Bengal Journal of Psychiatry.
- One accepted paper in Psychological Studies

Resource Person

- Mindfulness and Stress Management Workshop at L&T Limited
- Three Workshops on Parenting

Research Guide

- 3 M.Phil Dissertations

Mr. Prasanta Kr. Roy

Publications

- One Publication in Journal of Clinical and Experimental Hypnosis
- One Publication in Indian Journal of Developmental Disabilities
- Two accepted papers in Journal of Projective Psychology and Mental Health

Resource Person :

- 22nd National Workshop on Clinical Hypnotherapy, Kolkata.
- International Conference of Developmental Disabilities.

Research Guide :

- Four M.Phil. dissertations
- Two IGNOU dissertations

Ms. Rudrani Chatterjee

Publication

- - Invited Article on dialectical behavior therapy in Bengal Journal of Psychiatry.

Ms. Amrita Mitra

- Registration for Ph.D. (University of Calcutta) Topic: "Cognitive Function of CRF patients"
- Attended one National Workshop.

Ms. Shreetama Chatterjee

Publications

- One accepted paper in Indian Journal of Clinical Psychology.
- Attended One International Conference and two national workshops.

Ms. Taparsri Das

- Attended one International Conference, One State Conference and one National Workshop

Ms. Doyel Ghosh

- Attended one national Workshop
- Resource person on parenting skills organized by World Vision, Darjeeling

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

- Ms. Vijaya Agarwala (Guide Mr Prasanto Kumar Roy, Co-guide Dr Sujit Sarkhel) titled '*Temperament and Neurocognitive Endophenotype of Adolescent Obsessive-Compulsive Disorder*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013
- Ms. Soma Pramanik (Regn No 4757 of 2011- 2013), (Guide Dr. Bidita Bhattacharya, Co-guide Dr Neelanjana Paul) for Dissertation titled '*Executive Functioning, Coping, Defense Mechanisms & Metacognition in Patients with Dissociative Disorders: A Comparative Study*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013
- Ms. Urbi Mukherjee (Guide-Dr. Bidita Bhattacharya; Co-Guide: Dr Sikha Mukhopadhyay) titled '*Self-concept, personality Correlates, Family Environment And Adjustment Related Issues: A Comparative Study Between Obese And Non-obese Adults*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013
- Ms. Priya Puri (Guide: Mr. Prasanta Kumar Roy; Co-Guide: Dr Parthasarathy Biswas) titled '*Dynamics And Neurocognitive Correlates in Borderline Personality Disorder- A Comparative Study*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013
- Ms. Shaona Sengupta (Guide: Dr Bidita Bhattacharya; Co-Guide: Dr Parthasarathy Biswas) titled '*A Comparative study Between Obese And Non-obese Adults Based on Impulsivity, Set Shifting And Attributional Styles*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013
- Ms. Aditi Majumdar (Guide: Dr Bidita Bhattacharya; Co-Guide: Prof Pradeep Kumar Saha) titled '*A Study on Metacognition, Attributional Style And Executive functioning in Alcohol Dependence*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013
- Ms. Akanksha Mohta (Guide Mr. Prasanta Kumar Roy; Co-guide: Prof Pradeep Kumar Saha) titled '*A Study on Parenting Style And Sexual Self Concept: Psychopathology of Transgender*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013
- Ms Bidisha Mitra (Guide Mr. Prasanta Kumar Roy; Co-guide: Dr Parthasarathy Biswas) A Comparative study on cognitive & psychological factors in children with specific learning disability & hyperkinetic disorder. submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2013-2015.
- Ms. Devika De ,Regn No: 3736 of 2013-2014,(Guide Mr Prasanto Kumar Roy, Co-guide Dr Sujit Sarkhel) for dissertation titled '*Psychosocial Perspectives of Organic and Unexplained Infertility*', submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2013-2015.
- Ms. Nikita Jalan,Regn No.: 3738 of 2013-2014 (Guide Dr. Bidita Bhattacharya, Co-guide Dr R Neogil) for Dissertation titled '*Cognitive Functions of Males with conduct disorder and childhood depression: a Comparative study*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2013-2015.
- Ms. Chhavi Tewary, Regn No: 3739 of 2013-2014, (Guide-Mr, Prasanto Kumar Roy; Co-Guide: Prof. Dr. P.K. Saha) titled '*Psychosocial risk factors for attempted suicide with respect to gender*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2013-2015.
- Ms. Srijita Gupta, Regn No. (Guide: Dr. Bidita Bhattacharya; Co-Guide: Dr. Nikhilesh Mondal) titled '*Ego Functioning, Defense style, type and direction of aggression and Quality of Life among Females clients with Dissociative Conversion disorder, obsessive compulsive disorder and Depression: A Comparative Study*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2013-2015.
- Ms. Megha Rathi, Regn No. 3740 of 2013-2014, (Guide: Dr Bidita Bhattacharya; Co-Guide: Prof Dr P.K. Saha) titled '*Family Functioning , self Cognition, Cognitive errors and Coping Strategies in Pateints with Dysthymia and Dissociative conversion Disorder, A comparative study*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2013-2015.
- Ms. Navnita Bose, Regn No. 3742 (Guide: Dr Bidita Bhattacharya; Co-Guide: Dr S. Mukhopadhyay) titled '*A Comparative study of Personality traits, interaction pattern, Memory function and hemispheric function, an Endo-Phenotypical perspective in Bipolar affective Disorder*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2013 – 2015.
- Ms. Bidisha Mittra, Regn No. 3741 of 2013-2014, (Guide Mr. Prasanta Kumar Roy; Co-guide: Dr. Partha Sarathi Biswas) titled '*A Comparative Study on Cognitive and Psychological factors in Children with specific learning disability and hyperkinetic Disorder*' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2013-2015.

Department of Psychiatry Social Work, IOP

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).

FACULTY

1. Mrs. Mittu Muthu Varghese, Head, Assistant Prof. in PSW
2. Mr. Kamlesh Kumar Sahu, Assistant Prof. in PSW
3. Mrs. Ilori Barik Sil, Assistant Prof. in PSW
4. Mrs. Rupa Chakraborty, PSW
5. Mr. Ashok Kumar H, PSW
6. Ms. Oindrila Ganguly, PSW

FACULTY NEWS

Mrs. Mittu Muthu Varghese

- *Paper setters and examiner in state and central universities.*
- *Entrance examination question setter of national universities*
- *Guest lecturer at Netaji Subhash Open University, Kolkata, India*
- Participated in Internet Based Field Studies for ICD11 Mental and Behavioural Disorders as a member of the Global Clinical Practice Network (GCPN) WHO.

Mr. Kamlesh Kumar Sahu

- **Kamlesh Kumar Sahu, Soma Sahu (2015). Disability, Gender and the Trajectories of Power. Journal of Disability Studies, 1(1), Epub.**
- **Kamlesh Kumar Sahu, Soma Sahu (2015). Social stigma: a whopping barrier to care for psychosocial disability. Journal of Disability Studies, 1(1), 2-3.**
- Sahu S, **Sahu KK** (2015). College Counselling Service: The Need of the Day. Bangabasi Academic Journal, 12, 63-65.
- **Sahu KK, Kumar A., Mukherjee SB, Sahu S., Verma AN. (2014). Stigma Experienced by Primary Care Givers of Persons with Epilepsy and Mental Illness: A Comparative Study. Bengal Journal of Psychiatry 19(2). 7-16.**
- **Sahu KK** (2015). Intervening Negative Impact of Stigma on Employability of a Person with Schizophrenia through Social Case Work. Journal of Psychosocial Rehabilitation and Mental Health 2 (1), 87-95.
- Jash R, Sahu KK, Saha PK (2015). Living with a Person with Obsessive Compulsive Disorder: Spouses' Experiences. Research poster presented on Psychiatric Conference 2015 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held on 19th & 20th September 2015 at Kolkata.
- Nongmin M, Sahu KK, Mukhopadhyay S (2015). A Study of Emotional and Behavior Problems of School Going Adolescents in Kolkata. Research poster presented on Psychiatric Conference 2015.
- Bhattacharjee K, Sahu KK, Sarkhel S (2015). Need and Feasibility Study of Family Intervention in Bipolar Disorder in a Tertiary Care Setting. Research poster presented on Psychiatric Conference 2015
- Guest lecturer on 'Positive Psychology' 'Life Skills' at Ramakrishna Mission Sikshanamandira (An Autonomous Post-Graduate College under the University of Calcutta) Belur Math, Howrah on Sundays
- Participated in National Seminar on Women and Disabilities: Triumph & Challenges held on July 09 - 10, 2015; Organised by Women's Studies Research Centre, University of Calcutta
- Resource person in a psycho-educative awareness programme on Non-pharmacological approaches in Management of Schizophrenia held at IPSWB Seminar Hall at IMA House, Park Circus on 24.05.2015; organized by West Bengal Branch of Indian Psychiatric Society.
- Participated in Internet Based Field Studies for ICD11 Mental and Behavioural Disorders as a member of the Global Clinical Practice Network (GCPN) WHO.

- Guest lecturer on mental and substance abuse disorders at Netaji Subhash Open University, Kolkata, India
- Resource person in a workshop on 'How to Improve Self Esteem' for students org. by Turning Point, Kolkata on 27th January 2015.
- Managing Editor, Journal of Disability Studies, an International, multidisciplinary, peer reviewed / refereed open access journal.
- Executive Editor, Considering Disability Journal a biannual, peer-reviewed, open access UK based journal in the field of disability studies.

Mrs. Ilora Barik Sil

- Intervention for childhood sexual abuse through art therapy by Rachel Lev W easel 7th December 2015

Mrs. Rupa Chakraborty

- Attended a CRE Programme on "Vocational Rehabilitation of persons with mental retardation" organized by NIMH 2015.
- Attended a CRE Programme on "preschool education on persons with mental retardation " organized by NIMH, y 2015.

Mr. Ashok Kumar H

- Attended CME on Schizophrenia and Management at Golden Park Hotel Kolkatta
- Attended CME on PG-CME Programme at Institute of Psychiatry 22nd and 23rd December 2015

Ms. Oindrila Ganguly

- Workshop on basics of Family therapy and therapeutic Intervention at west Bengal state university by Sukanya Roy on 28th and 29th may 2015
- Intervention for childhood sexual abuse through art therapy by Rachel Lev W easel 7th December 2015

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.

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

- 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
- 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
- Social Cognition and Schizophrenia under guidance of Ms. Mittu Muthu Varghese and Prof. Pradip Kumar Saha
- A study of emotional and behaviour problems of school going adolescents in Kolkata under guidance of Mr. Kamlesh Kumar Sahu and Dr. Shikha Mukherjee
- 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
- 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

- 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
- A comparative study on human rights violence among patients with schizophrenia and bipolar affective disorder
- Need assessment of the family of the persons with mental retardation under guidance of Mr. Kamlesh Kumar Sahu and Dr. Shikha Mukherjee
- Vocational need assessment of the person with mental retardation Mr. Kamlesh Kumar Sahu and Dr. Amit Bhattacharya
- 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

List of candidates for M.Phil. in Psychiatric Social Work

Session 2013-15	Session 2014-16	2015-17
Mr. Sayan Ganguly Ms. Rituparna Jash Ms. Diya Chakraborty Ms. Komalika Bhattacharya Ms. Monisha Kaur Ms. Namita Sarkar Ms. Martina Nongmin	Ms. Jhila Bandyopadhyay Mr. Anupam Debnath Ms. Poulami Mitra Ms. K. Divya Ms. Hansa Kinkini Dev Roy Ms. Debjani Palit	Mrs. Anindita Roy Ms. Pooja Audhya Mr. Souradipta Mukherjee Mr. Manish Kumar Nigam Ms. Tumpa Sen Mrs. Pulomi Ganguli Ms. Parama Acharyya Ms. Moushumi Mondol Ms. Ranjana Banerjee Ms. Rinki Dey

Department of Psychiatry-Nursing, IOP

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 shortage 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 4pm from Monday to Friday and from 9 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.
- Counselling on medication compliance, sleep hygiene, nutrition and other needs.
- Social skills training for patients with chronic mental problems.
- Crisis management
- Group therapy for mentally challenged children and their caregivers, children with ADHD and their parents, children with conduct disorder and their parents, persons with OCD and their care givers, persons with substance abuse and behavioural problems and their families. (Along with Department of Clinical Psychology and Psychiatric Social Work).
- Family guidance based on the needs along with the 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 outreach 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 Dholakpur BPHC, Poilan 24 Parganas, South
- Field visits to different NGO based old age home, half way home and rehabilitation centres.
- Development of information, educational and communication (IEC) materials 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 & Masters in Psychiatric Nursing in the next academic year.

Research

On-going research as part of Department of Psychiatric Nursing

- Awareness and Practices of Menstruation Amongst Unmarried Female Adolescents in rural area of West Bengal by Mrs. Asha Sivaraman and Prof. Pradip Kumar Saha

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

Mrs. Kalpana Dey

Seminar attended: West Bengal State TNAI & SNA Annual conference

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.

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.

RESEARCH PROJECTS

- Epidemiology of common psychiatric disorders of the state of West Bengal funded by the DOFHW, 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

CANDIDATES DIPLOMA IN PSYCHIATRIC NURSING COURSE 2015-16

- Ms. Debamita Samanta
- Ms. Rakhi Mondal
- Ms. Somashree Susmal
- Ms. Thitishree Dey

IOP SERVICE INFORMATION 2015

Number of indoor beds: Male – 26; Female – 10

		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Indoor admissions in 2015	Male	09	13	19	12	16	15	20	16	20	10	22	13	
	Female	01	11	09	08	05	07	09	07	16	10	13	10	
	Total	10	24	28	20	21	22	29	23	36	20	35	23	

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. Dhruvajyoti 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 2015 to 25th December 2015

		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Adult Psychiatry	New	1282	1524	1535	1452	1649	1754	1724	1876	1926	1790	1309	1509	19330
	Old	6260	5650	6431	5874	6806	7359	7020	7580	8236	7827	7666	7906	84615
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:

SN	Clinic	Consultant	Day
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 2015 (Jan to 25 TH Dec 2015)														
		Jan	Feb	Mar	Apr	May	Jun	Jul	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

Patients seen at Department of Clinical Psychology in 2015 (Jan-Dec 2015)														
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL	
IQ Assessment	69	56	43	50	51	63	54	58	61	66	88	40	699	
Diagnostic psychometry	26	28	29	22	34	21	34	42	58	56	89	34	473	
Individual & Group therapy	72	134	167	243	217	209	267	170	127	85	92	70	1853	
Other psychological Assessments	13	9	9	8	5	13	28	8	3	2	13	2	113	

Statistical report Department of Psychiatric Social Work														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
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	

Statistical report from May 2015 Department of Psychiatric Nursing										
Assignments	May	June	July	August	Sep	Oct	Nov	Dec	Total	
Case work ups	-	4	10	16		8	4	8	50	
Inpatient Case study	-	4	4	4	4			4	20	
In-patient Case presentation	-		5	5	5			5	20	
Group Therapy	-					8		8	16	
Home visits	-						48		48	
Health education	-	5	5	5	5		5		20	
Community outreach program	-					8			8	
School mental health program	-						1		1	

Department of Psychiatry Bio-Chemistry & Psychiatry-Pathology

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

To 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, Immuno Biochemistry, Clinical Pathology and PCR have been submitted. Tender for all gadgets are in progress.

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, Bio-medical 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 Respiratory Medicine, also called the Department of Pulmonary or Chest Medicine, caters to all forms of respiratory disorders among patients attending on OPD basis or admitted. Cases are referred not only from various districts of the state but also from neighboring states of Orissa, Bihar, Assam and Tripura.

STAFF

Faculty

Name	Degrees	Post/ Designation
Dr. Somenath Kundu	MD	Professor
Dr. Surajit Chatterjee	MD, FCCP (USA)	Assistant Professor
Dr. Ritabrata Mitra	MD, FCCP (USA)	Assistant Professor
Dr. Swapnendu Misra	MD	RMO cum Clinical Tutor
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 2013-2016	SESSION 2014-2017	SESSION 2015-2018
Dr. Sonali Parida	Dr. Jyotirmoy Ghanta	Dr. Subhajit Sen
Dr. Pratik Biswas	Dr. Sibkinkar Lala	Dr. Rituparna Bose
Dr. Arnab Sit	Dr. Somnath Sinharay	Dr. Raiza Hameed

FACULTY NEWS

Publications in last 3 years

Prof. Somenath Kundu

1. Spectrum of diffuse parenchymal lung disease with special reference to idiopathic pulmonary fibrosis and connective tissue disorder: An Eastern India experience. Lung India 2014; 31(4): 354-360.
2. A study on prevalence of depression and correlation between severity of depression and severity of asthma (Both subjective and objective) in adult asthma patients attending in a tertiary care hospital in Eastern India. Indian Journal of Chest Diseases and Allied Sciences 2015; 57(2).

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. Lipid profile status in COPD and association with IL 8. British Journal of Medicine and Medical Research 2015; 9(7):1-7-18703.
2. Can vitamin D supplementation hasten recovery of tuberculosis? World journal of Pharmaceutical research 2015; 4(2): 1477-90.
3. Value of assessing postprandial and fasting plasma glucose as a surrogate marker for glycosylated hemoglobin in diabetic glycemic control. World journal of Pharmaceutical research 2014; 3(9): 494-503.
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 Epitheloid Hemangioendothelioma. Oman Medical Journal 2015.
6. Oxcarbamazepine induced maculopapular rash—A case report. Journal of clinical and diagnostic research 2015;9(1):01-02.
7. Tuberculosis is associated with low level of vitamin D. World Journal of Pharmacy and Pharmaceutical sciences 2014; 3(2); 1449-1463.
8. Role of aminophylline in Doxorubicin induced cardiotoxicity in animal model. World journal of Pharmacy and Pharmaceutical sciences. 2014: 3(6) 1201-1212.
9. Association of vitamin D status in chronic obstructive pulmonary disease and its explanatory variables in Burdwan. World journal of Pharmaceutical research 2014; 3(1): 658-674.
10. Kikuchi Disease: a rare variety. International Journal of Health sciences and research 2013; 3 (12):181-184.
11. Erasmus syndrome: a case report of silicosis induced scleroderma in a 26 year old male. Oman Medical journal 2013.
12. Severe paraneoplastic peripheral blood eosinophilia and eosinophilic pleural effusion. International Medical Journal, Japan, 2013.
13. Spectrum of diffuse parenchymal lung disease with special reference to idiopathic pulmonary fibrosis and connective tissue disorder: An Eastern India experience. Lung India 2014: 31(4): 354-360.
14. Guillain Barre Syndrome following falciparum malaria: a rare association. Ind J Med Res 2013; 1(3): 14-16
15. A 42 year old male with Os Odontoideum presented with sudden onset quadriplegia after minor injury to neck. Journal of the Association of Physicians of India Vol 61, issue 2, 2013
16. Staphylococcal septicemia associated with peripheral neuropathy in three different clinical settings. Journal of the Association of Physicians of India Vol 61, issue 3, 2013.
17. TB-HIV coinfection profile & impact of RNTCP and NACP liaison in the setting of free home based antiretroviral therapy in a rural tertiary teaching hospital in India. International Medical Journal Japan 2013, volume 20, issue 3.

Dr. Swapnendu Misra

1. A study on prevalence of depression and correlation between severity of depression and severity of asthma (Both subjective and objective) in adult asthma patients attending in a tertiary care hospital in Eastern India. Indian Journal of Chest Diseases and Allied Sciences 2015, volume 57, issue 2.
2. Common presentation with uncommon diagnosis: Multifocal Epitheloid Hemangioendothelioma. Oman Medical Journal 2015,
3. 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.
4. Pulmonary-Renal syndrome in a case of Wegener's Granulomatosis. Indian Journal of Chest Diseases and Allied Sciences 2013, volume 55, issue 3.
5. Mediastinal Myelolipoma in a 65 year old female patient. International Medical Journal Japan 2013, volume 20, issue 3.
6. TB-HIV coinfection profile & impact of RNTCP and NACP liaison in the setting of free home based antiretroviral therapy in a rural tertiary teaching hospital in India. International Medical Journal Japan 2013, volume 20, issue 3.

Conferences attended

- All the faculty members attended state pulmonary conference ACPCON 2015 at Kolkata. Two 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.
- Three final year post graduate trainees attended national pulmonary conference NAPCON 2015 at Jaipur. They presented their dissertation topics in the conference.
- One faculty member attended national pulmonary conference NAPCON 2015 at Jaipur as speaker.
- Two faculty members attended European Respiratory Conference 2015 at Amsterdam.
- Prof Somenath Kundu attended ZTF Session RNTCP in November 2015 and participated in OR workshop.

ONGOING RESEARCH WORK

- Investigation modalities for establishment of etiological diagnosis of pleural effusion among patients admitted in a tertiary care hospital.
- A study on diagnostic modalities and differential diagnosis of smear negative pulmonary tuberculosis.
- 25 hydroxy vitamin D level in tuberculosis: A cross sectional study in a tertiary care hospital.
- An observational study on Central nervous system manifestations of tuberculosis and non tubercular pulmonary diseases in a tertiary care hospital.
- A cross sectional study on risk factors and its relation to outcome in patients admitted with community acquired pneumonia and health care associated pneumonia.
- A prospective study on impact of diabetes mellitus on spectrum and outcome of tuberculosis in a tertiary care hospital..
- A study on changes of clinical and arterial blood gas parameters in patients of primary and secondary spontaneous pneumothorax before and after tube thoracostomy.
- A study of risk factors of lung cancer and its relation with pathological types and staging.
- A study on factors associated with hospitalisation among tuberculosis patients: A cross sectional study in a tertiary care hospital.

SERVICE INFORMATION

INDOOR: Total Bed: **54**
 Pulmonary Function Lab: Total No. of PFT done (01.01.15 10.12.12): **5422**

Present unit composition and OPD days:

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

OPD New patients total (30,022)	Male	20943
	Female	12898
OPD Old patient total (12,108)	Male	7747
	Female	4498
Total OPD attendance		46,086
Total Nebulisation -		1425
Total Thoracocentesis-		787
Total Sputum Examination		3173
Total No of Sputum positive		258
Total Indoor Patients put on DOTS		124
Total Outdoor Patients given DOTS from SSKM PHI		26
Total Patients refer outside Kolkata		829
Total patient refer within Kolkata		237
Total patient Transfer out		51

IDOOR PATIENTS

Total Admission	1326
Total Discharge	1004
Total Death	170
Total DORB	76
Total Transfer in	52
Total Transfer Out	40
Absconded	2

INTERVENTIONS:

The department manages all forms of respiratory interventions including pleural aspirations, biopsy, intercostals tube drainage, fiberoptic bronchoscopy and lung biopsy, image guided biopsy (USG,CT), spirometry and non-invasive ventilation.

SN	Procedure	No.
1.	Thoracocentesis	1568
2.	Pleural Biopsy	110
3.	Intercostal Tube drainage	290
4.	Fiberoptic Bronchoscopy	216
5.	CT/ USG guided lung FNAC/ biopsy	479
6.	Pleurodesis	39
7.	Decortications and other major surgery in collaboration with Dept of CTVS	35
8.	Noninvasive ventilation	240

The Department conducted sensitization programmes on RNTCP of Nursing personnel under the GFATMRT project supported by Indian Nursing Council involving 100 members in 15 sessions.

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. Sukharanjan Howlader	MBBS, MD	Assistant Professor
Dr. Nihar Ranjan Sarkar	MBBS, MD	Assistant Professor
Dr. Sumit Chakrabarty	MBBS, MD	Assistant Professor
Dr. Archana Singh	MBBS, MD	Assistant Professor Now on deputation from Sagar Dutta Medical College
Dr. Samiran Samanta	MBBS, DMRD	RMO Cum Clinical Tutor
Dr. Sudipta Saha	MBBS, MD	RMO Cum Clinical Tutor
Dr. Susanta Singha MBBS	MBBS	RMO Cum Clinical Tutor
Dr. Dinendra Kumar Saha	MBBS, MD	Medical Officer

Postgraduate trainees

MD

3rd Year (2013-2016)	2nd Year (2014-2017)	1s Year (2015-2018)
Dr. Sumit Laskaria Dr. Subhadip Saha Dr. Paramita Hota Dr. Santanu Mondal Dr. Ruchira Das Dr. Akash Mukherjee Dr. Sumit Majumder (MO-TR) Dr. Md. Liyakat Ali Chaudhury (MO-TR)	Dr. Koushik Kr 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)

DMRD

2nd Year (2014-2016)
Dr. Rathin Kumar Dr. Shailendra Kumar Dr. Ritesh Agarwal Dr. Prassanna R. Dr. Anju Kumari Dr. Rina Mondal (MO-TR)

FACULTY NEWS

Prof. Utpalendu Das (joined on 03.01.2015)

- Head of Radiodiagnosis Department IPGME&R and SSKM Hospital
- Attended IRIA state conference 2014.
- Teaching of MD & DMRD students.
- Thesis Guide of PG Students.

Dr. Sukharanjan Howlader

- Co-guide of Thesis Paper (2011-2014) of Radiology PG students.
- Attended IRIA State Conference 2012.
- Teaching of DRD & MD/DMRD students.
- Attended MRI Training Programme at SGPGI, Lucknow from 16th June to 30th June
- External DRD examiner in IPGME&R in 2010,2011,2012,2013,2014,2015

- Internal DRD examiner in IPGME&R in 2012
- Thesis co-guide:
 - Increase carotid intimal media thickness precedes albuminuria in Type 2 diabetes
 - Thickness of ligamentum flavum in person with low back pain and its distribution with age and sex.
- Publications:
 - Hemichorea hemiballism as the first presentation of type 2 diabetes
 - Outcome of induction of labor in relation to pre-induction bishop score. A prospective observational study in a tertiary care centre.

Dr. Nihar Ranjan Sarkar

- DRD Examiner (External) 2015 at RTIICS, KOLKATA.
- Co-guide of Thesis Paper (2013-2016) of Radiology & G & O PG students.
- Attended IRIA National Conference 2014 at AGRA,
- Teaching of DRD & MD/DMRD students.
- Publications:
 - Determination of age from the length of clavicle using digital x-ray in adolescent subjects: a preliminary study in adolescent Bengali --- Dr Nihar Ranjan Sarkar, Dr Partha Pratim Mukhopadhyay. Indian Journal of Forensic Medicine & Toxicology (January-2015).
 - Sex determination from Clavicular length and mid- shaft diameter using digital X-Ray in Indian Bengali population: A Preliminary study. Dr Nihar Ranjan Sarkar, Dr Partha Pratim Mukhopadhyay, Published in Indian Journal of Forensic Medicine & Toxicology (June-2015).
 - A comparative study of efficacy of ultrasound-guided intra-articular steroid injection through glenohumeral versus subacromial approach in the treatment of adhesive capsulitis Ghorai D1, Pramanik R2 , Palit AK3 , Haldar RN4 , Sarkar NR5, Das PP6, published in Indian journal of physical medicine and rehabilitation (September 2014).

Dr. Sumit Chakraborty

- Appointed as external examiner of DRD. student in VIMS. In August, 2013.
- Co-PI.in NBRC project on structural and functional brain mapping. Work in collaboration with National Brain Research Centre.
- Publications:
 - Hypoglossal nerve schwannoma –Accepted for case of the neck` category in American Journal of Neuroradiology. Dr. Sumit Chakraborty , Dr. Anoop & Dr. M. Karmakar.
 - Subclinical Atherosclerosis and Endothelial Dysfunction in Patients with Early Rheumatoid Arthritis as Evidenced by Measurement of Carotid Intima-Media Thickness and Flow-Mediated Vasodilatation: An Observational Study. Seminars in Arthritis and Rheumatism. Maitrayee Chatterjee Adhikari, MSc,* ,1 Aharna Guin, MSc,* ,1 Sumit Chakraborty, MBBS,† Pradyot Sinhamahapatra, MD,‡ and Alakendu Ghosh, DNB
 - Effects of disease modifying anti-rheumatic drugs on subclinical atherosclerosis and endothelial dysfunction which has been detected in early rheumatoid arthritis: 1-year follow-up study. Seminars in Arthritis and Rheumatism. doi:10.1016/j.semarthrit. 2012.12.027. Aharna Guin, Maitrayee Chatterjee Adhikari, Sumit Chakraborty, Pradyot Sinhamahapatra, Alakendu Ghosh.
 - Ultrasonography as a useful modality for documenting sacroiliitis in radiographically negative inflammatory back pain: a comparative evaluation with MRI. Rheumatology journal. doi:10.1093/rheumatology/keu220. Alakendu Ghosh, Sumantro Mondal, Debanjali Sinha, Arijit Nag, Sumit Chakraborty.
 - Cobb's collar occurring in two brothers in a family: A rare entity revisited. Indian Journal of Radiology and Imaging / February 2014 / Vol 24 / Issue 1. Partha Pal, Sayantan Ray, Arunansu Talukdar1, Nikhil Sonthalia1, Sumit Chakraborty.
 - Imaging of compound palmar ganglion with pathologic correlation. SAJR. doi:10.4102/sajr.v18i1.654. Authors: Sourav Talukder, Anindya Bandyopadhyay, Shamick Biswas, Sumit Chakraborty, Suchismita Chakraborti.
 - Hemichorea-Hemiballism as the first presentation of type 2 diabetes. Sayantan Ray, Sukharanjan Howlader, Sumit Chakraborty, Partha Pratim Chakraborty, Sujoy Ghosh. Clinical Diabetes.Vol33,No.2, Spring2015, DOI: 10.2337/diaclin.33.2.87.
 - MRI characterization of temporal lobe epilepsy using rapidly measurable spatial indices with hemisphere asymmetries and gender features. Neuroradiology. Springer-Verlag Berlin Heidelberg 2015. Siddhartha Datta, Sudipta Sarkar, Sumit Chakraborty, Sai Krishna Mulpuru, Swadhapriya Basu, Basant K. Tiwary, Nilkanta Chakraborti, Prasun Kumar Roy.

- Cobb syndrome: A rare cause of paraplegia. Annals Case Reports. doi : 10.5214/ans.0972.7531.220312. Partha Pal, Sayantan Ray, Sumit Chakraborty, Subhasish Dey, Arunansu Talukdar.

Dr. Samiran Samanta

- Attended IRIA state conference 2012.
- Teaching of DRD & MD/DMRD students.

Dr. Dinendra Kumar Saha

- Internal DRD Examiner in IPGME&R & External VIMS & Saroj Gupta Cancer Institute.
- Teaching DRD Students & Post DRD Students of IPGME&R.
- Publications:
 - Sacralization of the 5th Lumbar Vertebra and Elongated Sacral Hiatus- Indian Journal of Basic and Applied Medical Research; June 2014:Vol-3,Issue-3,P.95-99.
 - Neurovascular variations in upper limb- Indian Journal of Basic and Applied Medical Research; September 2014:Vol-3,Issue-4,P. 222-226.
 - Variations in the Musculocutaneous and Median Nerves in a Cadaver- International journal of Anatomy, Radiology and Surgery; December 2014: Vol-3, Issue-4, Page4-6.

REGULAR ACADEMIC ACTIVITIES

- Clinical Meetings are held on every Friday & Saturday.
- Presentation of papers, journal clubs, and film reading sessions are held on every Wednesday.
- The Dept. is utilizing PGT students of this Institution to get them involved in Radiography, Dark-Room job, independent decision making for smooth running of the Department.
- Students of this Department are given opportunity of Exposures on CT scan and Angiography at Cardiology Department of this Institution.

Thesis work submitted

- 1) Role of Multiparametric MRI in clinically suspected prostate cancer patients prior to TRUS guided biopsy. Dr. Ruchira Das.
1. Study of MRI Breast with special reference to diagnostic accuracy and multifocality assessment of carcinoma breast.- Dr. Liyakat Ali Chowdhury.
2. HRCT scan evaluation of temporal bone cholesteatoma and it's correlation with per-operative findings. Dr. Sumit Majumder
3. The role of CT Scan in evaluation of osteomeatal complex anatomic variations in patients of chronic sinusitis. Dr. Subhadip Saha.
4. Role of Gray-Scale Ultra Sound and Color Doppler Velocity in characterizing Adnexal masses in perimenopausal women. Dr. Sumit Laskaria.
5. Comparative Study of ultrasonography, magnetic resonance imaging & findings of pelvic endometriosis with histopathological correlation. Dr. Akash Mukherjee.
6. A study to find out the role of MRI in differentiating idiopathic and Atypical Parkinson Syndrome. Dr. Paromita Hota.
7. A Study to find out the Correlation of stage of Alzheimer disease patients with.-- ith radiological markers by MRI Brain. Dr. Santanu Mondal.

Thesis work ongoing

Thesis topics 2014-2017 batch MD Radiodiagnosis PGTs

Shweta Kothari	Role of DWI and MR spectsroscopy 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.

Departmental publications (PGTs)

A rare case of cholecystocutaneous fistula.	Liyakat Ali Chowdhury, Sudipta Saha, Ruchira Das, Madan Karmakar, Samiran Samanta, Surajit Das	PJR July - September 2015; 25(3): 121-123
Radiological assessment of a live abdominal pregnancy using ultrasound and 3T MRI.	Manish Kumar, Sudipta Saha, Surajit Das, Samiran Samanta	PJR July - September 2015; 25(3): 127-130
Joubert syndrome: a rare autosomal recessive disorder.	Sujata Bhowal, Sudipta Saha, Surajit Das, Samiran Samanta	PJR July - September 2015; 25(3): 114-116
Mri findings of meningioma in various locations: a pictorial review.	Koushik Kumar Nayak, Sudipta Saha, Avik Sarkar, Samiran Samanta, Surajit Das	PJR July - September 2015; 25(3): 106-111
Role of MR enterography in evaluation of undiagnosed melena	Paramita Hota, Sudipta Saha, Surajit Das, Samiran Samanta	PJR April - June 2015; 25(2): 80-83
Mr evaluation of neurovascular conflict	Sudipta Saha, Sumit Chakraborty, Surajit Das, Avik Sarkar, Akash Mukherjee	PJR October- December 2014; 24(4):147-150
Magnetic resonance imaging (3 tesla) of knee joint: a concise, day to day practice overview	Santanu Mandal, Sudipta Saha, Samiran Samanta, Surajit Das	PJR April - June 2014; 24(2): 56-61
MRI findings in a case of priapism	Moon Kanjilal, Sudipta Saha, Surajit Das, Samiran Samanta	PJR July - September 2015; 25(3): 124-126
Rice bodies in MR imaging of tubercular tenosynovitis of wrist joint: a rare manifestation	Manish Kumar, Sudipta Saha, Surajit Das, Samiran Samanta	PJR October - December 2015; 25(4): 179-181
Magnetic resonance imaging (3 tesla) of fetal sacrococcygeal teratoma; a case report.	Santanu Mandal, Sudipta Saha, Samiran Samanta, Surajit Das	PJR October - December 2015; 25(4): 172-174
Symptomatic sarcoid myopathy in a case of pulmonary sarcoidosis.	Sujata Bhowal, Sudipta Saha, Surajit Das, Samiran Samanta	PJR January - March 2015; 25(1): 40-42
Macrocytic variant of serous cystadenoma pancreas in a case of dorsal bud agenesis of pancreas-a rare case report.	Subhadip Saha, Sudipta Saha, Avik Sarkar, Archana Singh	PJR April - June 2015; 25(2): 73-75
Primary synovial chondromatosis of ankle joint: a case report.	Ruchira Das, Sudipta Saha, Samiran Samanta, Nilanjan Panda	PJR October - December 2015; 25(4): 164-167
Tubercinereum hamartoma.	Moon Kanjilal, Sudipta Saha, Surajit Das, Samiran Samanta, Sumit Chakraborty	PJR October- December 2014; 24(4): 140-142

SERVICE INFORMATION**Digital X ray**

Total No of X-Ray (Exposure)	Total No of Patients upto	Paying cases	Free Cases	Revenue collected (Approx)
26850	14084	14050	34	31,39,440 (upto 21-9-15)

IVU	Barium meal	Ba-swallow	Ba-enema	Distal Cologram	Fistulogram sinogram	MCU / ASU	T-Tube
892	864	576	288	567	150	610	178

Conventional X-ray

Total No of X-Ray done	Total No of Patients	No of free cases	No of paying cases	No of Portable X-Ray done	Total Revenue collected (Approx)
86232	43912	32152	11760	2505	5,09,765 (up to 21-9-15)

Special investigations

IVU	Barium swallow / meal / follow through / Enema	MCU / ASU / Retro grade	Sinogram / Fistulogram / Sialogram	Small bowel enema	HSG / Genitogram	Mammogram	T-tube cholangiogram
576	288	120	90	0	720	74	12

MRI (3 Tesla)

Total cases	No free cases	Paying cases	Total study	Total amount (Rs)
6558	2004	4554	8406	84,62,000 (up to 21/09/15)

Ultrasonography:

Total number of cases	Free cases	Paying cases	Revenue collected (Approx)
45494	24844	20650	38,11,510 (up to 21/09/15)

Mammography

Total No of cases	Total Free Cases	Paying cases	Total Exposure	Revenue collected (Approx)
74	46	28	245	11,200 (up to 21/09/15)

Dental X-ray

Total No of cases	Total Free Cases	Paying cases	Total Exposure	Revenue collected (Approx)
1012	576	436	1650	13,080 (up to 21/09/15)

Radiotherapy

FACULTY

Prof. (Dr.) Siddhartha Basu, DMRT, MD	Professor & Head
Prof (Dr.) Santanu pal, MD	Professor
Prof (Dr.) Alope Ghosh Dastidar, MD	Professor
Dr. Bidhisha Ghosh Naskar	Associate Professor
Dr. Kiran Shankar Bhattacharya, MD	Assistant Professor
Dr. Suman Ghorai, MD	Assistant Professor
Dr. Koushik Chatterjee, MD	Assistant Professor
Dr. Anindya Chakraborty, DCH, MD	Assistant Professor
Dr. Bikramjit Chakrabarti, MD, DNB	Assistant Professor
Dr Suparna Kanti Pal , DMRT,MD, PGDMLE	RMO cum Clinical Tutor
Dr Shyam Sharma , MD	RMO cum Clinical Tutor
Dr. Sumana Maiti, DCH, MD	RMO cum Clinical Tutor
Dr. Aramita Saha MD	RMO cum Clinical Tutor
Dr. Harris Md Sepai 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
Dr. Somnath Roy, DMRT, MD	Senior Resident

Postgraduate trainees

Dr. Subir Pal	MD (Session 2012-15)
Dr. Rajiv Bhattacharya	MD (Session 2013-16)
Dr. Ranti Ghosh	MD (Session 2013-16)
Dr. Biswadeep Chandra	MD (Session 2013-16)
Dr Soumen Mukherjee	MD (Session 2013-16)
Dr Vishnu Gopal	MD (Session 2013-16)
Dr Shiladitya RoyChoudhury	MD (Session 2013-16)
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 Sukomal Das	DMRT (Session 2013-2015)
Dr Manoj Ghosh	DMRT (Session 2013-2015)
Dr Gowshik Rajkumar	DMRT (Session 2014-2016)
Dr Antony Vergese	DMRT (Session 2015-2017)

Transfers & Postings

- a) Dr. Harris Md Sepai joined the department as R.M.O. Cum Clinical Tutor
- b) Prof. Dr Santanu Pal was transferred in to the Department
- c) Dr. Bidisha Ghosh Naskar , Associate Professor was transferred in to the Department

FACULTY NEWS

Prof. Siddhartha Basu

- Thesis guide for MD (Radiotherapy) students
- Attended National level Conferences.
- Acting President of Association of Radiation Oncologists of India, West Bengal Chapter.

Prof. Santanu Pal

- Thesis guide for MD (Radiotherapy) students.
- Examiner for MD (RT) examination of WBUHS.

Dr. Alope Ghosh Dastidar

- Thesis guide for MD (Radiotherapy) students.
- Convener for DMRT examination of WBUHS
- Attended International & National level Conferences.
- Acting Secretary of Association Of Radiation Oncologists Of India, West Bengal Chapter.

Dr. Kiran Shankar Bhattacharya

- Convener of DRT Examination.

Dr. Koushik Chatterjee

- Attended International & National level Conferences.

Dr. Shyam Sharma-

- Attended National & State Conferences & Workshop
- Presented Papers in National level Conferences
- Published papers in International Journals

Dr. Sumana Maiti

- Attended national & State Conferences & Workshop
- Published papers in International Journals

Dr. Suparna Kanti Pal

- Attended National & State Conferences & Workshop
- Presented Papers in National level Conferences
- Secured Best Paper award at Young Radiation Oncologists' conference 2015 at Bhubaneswar
- Published papers in International Journals

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 Anirban Halder, Dr Chandrima Banerjee, Dr Rituparna Biswas, and Dr Imran Khan have passed the MD (radiotherapy) Examinations.
- Dr Subir Pal passed the MD Radiotherapy Examinations held in Sep 2015
- Dr Koushambi Kar, Dr H. M. Alam, Dr Sayani Bhnaja, Dr Manoj Ghosh, Dr Sukamal Das, Dr Santosh Banik, Dr Sukamal Das, Dr Priyanka Biswas, Dr Avik Mondal, passed for the DMRT Examinations held in Sep 2015
- Dr Rajeev Bhattacharya, Dr. Ranti Ghosh Dr. Biswadeep Chandra Dr Soumen Mukherjee Dr Vishnu Gopal Dr Shiladitya Roy Choudhury and Dr Subir Pal have submitted thesis work.
- Dr Chandrima Bannerjee (PG) Secured Prizes in AROI state Conference 2015 for Best paper for PGs

The department conducts both Investigator initiated and Regulated Clinical Trials.

Paramedical course - DRT is being taught, no of students- 6.

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 2014- October 2015—Male-2476, Female-1884, Total-4360
- OPD location- Radiotherapy Department, Ground Floor.
- OPD attendance- From November 2014 to October 2015 -15281
- Special Clinic (Tumor Board) attendance: From November 2014- October 2015 —1266
- New cases registered: From November 2014- October 2015 —2616
- Number of cases receiving Chemotherapy: 4240

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 is being commissioned for the purpose of External beam Radiotherapy. The Earlier ATC C9 is being decommissioned.
 - The Department is in process of Commissioning of a CT Simulator to provide 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. Dipendra Nath Ghosh, MD (Medicine)
	Dr. Anupam Maity, MD (Medicine)
	Dr. Arghya Chattopadhyay, MD (Medicine)
Radiologist	Dr. Debasish Lahiri MBBS, DMRD
DM Student 3rd Year	Dr. Shyamashis Das
	Dr. Kaushik Basu
DM Student 2nd Year	Dr. Rudra Prasad Goswami
	Dr. Sumantro Mondal
DM Student 1st Year	Dr. Geeta Bali Sircar
	Dr. Debanjali Sinha
Senior Resident	Dr. Avishek Naskar

PhD Scholars

JRF, SRF, PhD Scholars	Aharna Guin Pal Sampurna Roy Choudhury Mazumder Ayindrila Saha Basak Sanchaita Misra Sudipta Chatterjee Dipanjan Bhattacharjee
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Sisters

Indoor/Outdoor/Day care	Swapna Giri – Sister in charge Sumita Hore Ranjana Dutta Joyeeta Bar Sudeshna Banerjee Surama Adhikari Ronamit Lepcha 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)	250 - 350 per day
	Lupus clinic	Once/week (Tuesday)	80 - 100 per week
	Early arthritis clinic / Scleroderma clinic / Vasculitis clinic/ Biologics board	Once/week (Thursday)	50 -70 per week
	Metabolic Bone Diseases Pediatric Rheumatology	Once/week (Saturday) Once/week (Thursday)	15-25 per day 10-20 per day
Indoor (Male)	2 nd Floor	Monday to Saturday	50 - 60 per month
Indoor (Female)	3 rd Floor		
Day Care	Intra-articular injection Nerve biopsy / Muscle biopsy Injection Endoxon intravenous Injection biologicals (Infliximab, Rituximab, Tocilizumab, Abtaccept etc.) Lip biopsy		160 per month 2-3 per month 30 per month 3 per month 3 per week
Imaging	BMD DEXA	Twice/week (Tuesday & Thursday)	20 - 30 per week
	MSK-USG/PDUS	Monday to Saturday	55 - 60 per week
	Kidney biopsy – USG guided		12 per month
	USG – guided intra-articular injection	Monday & Friday	5 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	<ol style="list-style-type: none"> 1) Seminars on every Monday 2) Seminars on basic research in Immunology on every Wednesday 3) Seminars on recent advances on every Friday by PDTs and Faculties
Afternoon session	<ol style="list-style-type: none"> 1) Journal club on every Tuesday 2) 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 DST-FIST-sponsored department last year on the basis of these research activities.

RHEUMATOLOGY TRAINING	DM Course started in the year of 2013.
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RESEARCH GRANTS	<p>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 : Sponsor: National Tea Research Foundation</p> <p>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 : Sponsor: National Tea Research Foundation.</p>
DST-FIST SUPPORT	DST–FIST infrastructural support for expanding research activity is ongoing.

Publications

Prof. Alakendu Ghosh

- Itolizumab in combination with methotrexate modulates active rheumatoid arthritis: safety and efficacy from a phase 2, randomized, open-label, parallel-group, dose-ranging study. *Clinical Rheumatology*. June 2015. DOI 10.1007/s10067-015-2988-9
- A classical image of dumbbell-shaped neurofibroma. *The New Zealand Medical Journal*. 30th January 2015, Volume 128 Number 1408
- Alakendu Ghosh, Sumantra Mondal. Ultrasound in musculoskeletal disorder – A new horizon in rheumatology. *Indian Journal of Rheumatology* 10 (2), 78-84.

Prof. Parasar Ghosh

- Md. Mahboob Alam, Pinaki Das, Parasar Ghosh, Md. Salim Uz Zaman, Madhusmita Boro, Manika Sadhu and Ardhendu Mazumdar. Cardiovascular Autonomic Neuropathy in Systemic Lupus Erythematosus. *Indian J Physiol Pharmacol* 2015; 59(2) : 155–161.
- Debottam Bandyopadhyay, Sanjay Bandyopadhyay, Parasar Ghosh, Abhishek De, Anupam Bhattacharya, G K Dhali, Kshaunish Das. Extraintestinal manifestations in inflammatory bowel disease: Prevalence and predictors in Indian patients. *Indian Journal of Gastroenterology* 2015, 34 (5): 387-94

Dr. Pradyot Sinhamahapatra

- 1. Inflammatory Muscle Diseases. *API Textbook of Medicine*, Jaypee Publishers. 2015: p2539 Alakendu Ghosh and Pradyot Sinhamahapatra
- 2. A Study of Clinical Profile of Vitamin B12 Deficiency with Special Reference to Dermatologic Manifestations in a Tertiary Care Hospital in Sub-Himalayan Bengal.
- *Indian J Dermatol* 2015 Jul-Aug;60(4):419
- Kaushik Sen, Pradyot Sinhamahapatra, Joseph Lalhmachhuana, Subhabrata Ray

Dr. Rudra Prasad Goswami

- RP Goswami, S Mondal, K Basu, S Das, P Ghosh, A Ghosh. Acute kidney injury in a patient with systemic sclerosis: Looking beyond scleroderma renal crisis. *Indian Journal of Nephrology* 25 (6), 387.

Dr. Sumantra Mondal

- S Mondal, RP Goswami, D Sinha, A Ghosh. Ultrasound is a useful adjunct in diagnosis of eosinophilic fasciitis. *Rheumatology* 54 (11), 2041-2041.
- S Mondal, RP Goswami, D Sinha, K Basu, S Das, P Ghosh, A Ghosh. Posterior reversible encephalopathy syndrome in a patient with lupus nephritis on rituximab therapy: a challenge to find the offender. *Lupus*, 0961203315607648.
- S Mondal, RP Goswami, D Sinha, A Ghosh. Pyomyositis: Imaging spectrum. *Indian Journal of Rheumatology*. June 2015. Volume 10, Issue 2, Pages 102–103.

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
- Dr. Arka Banerjee (On Deputation)
- Dr. Kaushik BPN (Senior Resident)

Pediatric Gastroenterology

- Dr Gautam Ray

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. Gautam Chattopadhyay
- Prof. Sukanta Ray
- Dr. Sumit Sanyal
- Dr. Purnendu Dutta
- Dr. Jayanta Biswas (On Deputation)
- Dr. Suman Saha (Senior Resident)

GI Anaesthesia

- Dr. Tapas Ghosh
- Dr. Dibyendu Ghrai
- Dr. Saikat Bhattacharya

GI Radiology

Dr. Avik Sarkar

Students / Trainees / Fellows

- Senior Residents: 2
- DM (Medical Gastroenterology & Hepatology): 21
- DM Students submitted Thesis: 5
- Students pursuing PhD: 15
- Students submitted PhD thesis: 5

Medical officers

- Dr. Dilip Bhattacharya
- Dr. Sujjan Khamaru
- Dr. Jabaranjan Hembram

ACADEMIC ACTIVITIES

Thesis submitted by DM residents

1. Prevalance of anxiety, depression and obsession in patients with irritable bowel syndrome – **Dr Arka Banerjee**
2. Clinico-epidemiological study to estimate the burden of liver disease in children (1-12 years) – **Dr Trayambak Samanta**
3. A Clinico-virological study to explore the dynamics of chronic hepatitis B virus infection in the immunotolerant phase – **Dr Gautam Ray**
4. Prospective and dynamic analysis of health related quality of life, depression and anxiety, diet, nutrition and employment status in patients with idiopathic chronic calcific pancreatitis in India – **Dr Pankaj Singh**
5. Thiopurines in Inflammatory bowel disease, safety profile, predictors of response and their role in long term maintenance therapy – **Dr Kaushik BPN**

Publications from SDLD in 2015

1. Extraintestinal manifestations in inflammatory bowel disease: Prevalence and predictors in Indian patients. Bandyopadhyay D, Bandyopadhyay S, Ghosh P, De A, Bhattacharya A, Dhali GK, Das K. *Indian J Gastroenterol.* 2015 Sep;34(5):387-94. doi: 10.1007/s12664-015-0598-8. Epub 2015 Nov 28. PMID:26614005
2. Ray S, Khamrui S. Ruptured jejunal artery aneurysm. *Am Surg.* 2015 Mar;81(3):E130-1. PubMed PMID: 25760192.
3. Ray S, Khamrui S. Inadvertent ligation of the main pancreatic duct: an extremely rare complication of choledochal cyst excision. *Indian J Surg.* 2015 Apr;77(Suppl 1):92-3. doi: 10.1007/s12262-014-1168-5. Epub 2014 Sep 25. PubMed PMID: 25972658; PubMed Central PMCID: PMC4425752.
4. Ray S, Sanyal S, Ghatak S, Khamrui S, Biswas J, Saha S, Mandal TS, Chattopadhyay G. Frey procedure for chronic pancreatitis in children: A single center experience. *J Pediatr Surg.* 2015 Nov;50(11):1850-3. doi: 10.1016/j.jpedsurg.2015.07.012. Epub 2015 Jul 26. PubMed PMID: 26297313.
5. Ray S, Khamrui S, Kataria M, Biswas J, Saha S. Valproic Acid-Induced Severe Acute Pancreatitis with Pseudocyst Formation: Report of a Case. *Cureus.* 2015 Aug 8;7(8):e297. doi: 10.7759/cureus.297. eCollection 2015 Aug. PubMed PMID: 26366333; PubMed Central PMCID: PMC4564375.
6. Ray S, Sanyal S, Ghatak S, Sonar PK, Das S, Khamrui S, Chattopadhyay G. Falciform ligament flap for the protection of the gastroduodenal artery stump after pancreaticoduodenectomy: A single center experience. *J Visc Surg.* 2015 Oct 29. pii: S1878-7886(15)00135-6. doi: 10.1016/j.jvisurg.2015.10.007. [Epub ahead of print] PubMed PMID: 26526210
7. Datta S, Ghosh A, Dasgupta D, Ghosh A, Roychoudhury S, Roy G, Das S, Das K, Gupta S, Basu K, Basu A, Datta S, Chowdhury A, Banerjee S. Novel point and combo-mutations in the genome of hepatitis B virus-genotype D: characterization and impact on liver disease progression to hepatocellular carcinoma. *PLoS One.* 2014 Oct 15;9(10):e110012. doi: 10.1371/journal.pone.0110012.
8. Datta S, Roychoudhury S, Ghosh A, Dasgupta D, Ghosh A, Chakraborty B, Roy S, Gupta S, Santra AK, Datta S, Das K, Dhali GK, Chowdhury A, Banerjee S. Distinct distribution pattern of hepatitis B virus genotype C and d in liver tissue and serum of dual genotype infected liver cirrhosis and hepatocellular carcinoma patients. *PLoS One.* 2014 Jul 17;9(7):e102573.
9. Banerjee P, Mondal RK, Nandi M, Ghosh S, Khatun M, Chakraborty N, Bhattacharya S, RoyChoudhury A, Banerjee S, Santra A, Sil S, Chowdhury A, Bhaumik P, Datta S. A rare HBV subgenotype D4 with unique genomic signatures identified in North- Eastern India-an emerging clinical challenge? *PLoS One.* 2014; 9(10): e109425. doi:10.1371/journal.pone.0109425.
10. Mondal RK, Khatun M, Ghosh S, Banerjee P, Datta S, Sarkar S, Saha B, Santra A, Banerjee S, Chowdhury A, Datta S. Immune-driven adaptation of hepatitis B virus genotype D involves preferential alteration in B-cell epitopes and replicative attenuation-an insight from human immunodeficiency virus/hepatitis B virus coinfection. *Clin Microbiol Infect* 2015; 21: 710.e11–710.e20.
11. Ghosh A, Ghosh S, Ghosh A, Datta S, Dasgupta D, Sikdar N, Datta S, Chowdhury A, and Banerjee S. Hepatitis B Virus X Protein Upregulates hELG1/ ATAD5 Expression through E2F1 in Hepatocellular Carcinoma. *Int J Biol Sci.* Accepted on Oct 2015.

Manuscript under review

1. Ghosh A, Ghosh A, Datta S, Dasgupta D, Das D, Ray S, Gupta S, Datta S, Chowdhury A, Chatterjee R, Mohapatra SK and Banerjee S. Hepatic miR-126 is a Potential Plasma Biomarker for Detection of Hepatitis B Virus Infected Hepatocellular Carcinoma. *Int. J Cancer.* Manuscript ID: IJC-15-0971
2. Ghosh S, Nandi M, Pal S, Mukhopadhyay D, Chakraborty B, 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 by

enhanced cytolytic activity and negative immunoregulatory effect on CD4+T-cells influence disease pathophysiology during progression of HBeAg-negative chronic HBV infection. Under Review in the Journal of Immunology.

3. Ghosh A, Dasgupta D, Ghosh A, Roychoudhury S, Ray S, Datta S, Agarwal S, Gupta S, Chowdhury A, Schmittgen T and Banerjee S. Curbing Multiple Components of Tumor Microenvironment miR-199a-3p Impedes Cell to Cell Crosstalk to prevent Hepatocellular Carcinoma.
4. Roy N, Dasgupta D, Mukhopadhyay I, Chatterjee A, DasK, BhowmikP, DasS, BasuP, MajumderPP, SantraAK, DattaS, Dhali GK, ChowdhuryAandBanerjeeS. Genetic Variations in ADH1B, GSTM1 and MnSOD Independently Confer Risk to Alcoholic Liver Diseases in India. Under Review in PLoS one.

CURRENT PROJECTS RUNNING

1. **West Bengal State DST sponsored project** entitled as "Viral Quasispecies diversity and associated peripheral and intrahepatic immunological events in Indian Patients during different Phases of chronic HBV infection with an insight into disease evolution", Project No.- **1267(Sanc.)/ST/P/S&T/9G- 7/ 2014**.
2. **Department of Biotechnology (DBT), Govt. of India** sponsored project entitled as "Biology of Hepatitis B virus of genotype D in an integrated clinico-virological perspective", Project No. - **BT/PR7807/MED/29/693/2013**.
3. **West Bengal State DST** sponsored project entitled as "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." **Project No: 924(Sanc.)/ST/P/S&T/9G-21/2012**
4. **Council OF Scientific and Industrial Research (CSIR)** sponsored project entitled as "Study to understand the importance and contribution of telomere, telomeric proteins and telomerase in the development of hepatocellular carcinoma" **Project No: 27(0305)/14/EMR-II**
5. **DBT, Govt. of India** sponsored project entitled as " Integrative analysis of microRNAs and mRNAs in liver tissue and exosomes from blood of hepatitis C virus (HCV) related hepatocellular carcinoma (HCC) patient to identify biomarker and regulators of HCC" **Project No: BT/PR11971/MED/29/890/2014**
6. **Council OF Scientific and Industrial Research (CSIR)** sponsored project entitled as " Functional characterization of a new putative tumour suppressor gene, hELG1/ATAD5 and its correlation with hepatitis B virus (HBV) infection." **Project no: 27(0234)/10/EMR-II**
7. **DBT** sponsored project entitled as "Determination of genetic susceptibility of Alcoholic Liver Disease by studying polymorphisms of selected candidate genes in North-East Indian population." **Project no: BT/242/NE/TBP/2011**
8. **West Bengal- DBT** sponsored project entitled as "Tracing the role of Myeloid Derived Suppressor Cells in HBV immunopathogenesis", Project No.- **BT (Estt)/RD-10/2015**.
9. **Council OF Scientific and Industrial Research (CSIR)** sponsored project entitled as "Insight into the distribution and pathogenic potential of diverse Hepatitis B Virus (HBV) subgenotypes underlying different clinical outcomes of chronic infection", Project No.- **27(0273/12emr-II)**.

Meetings attended and awards received

National meeting

1. Oral presentation by **Priyanka Banerjee** at One Day Symposium on Biological Chemistry, IICB, Kolkata, April 26, 2014. Title: "A rare HBV D4 subgenotype with unique signatures identified in North East India- An emerging clinical challenge?"
2. Poster presentation by **Madhuparna Nandi** in Adaptive immune response section of International meeting on the Molecular Biology of Hepatitis B Virus held at University of California, Los Angeles, USA, 3rd -6th September, 2014. Title: "A predominant T cell lineage with functional dichotomy in chronic HBV infection".
3. Oral presentation by **Amit Ghosh** at Society of Biological Chemist, Kolkata Chapter, 2014. Title: "Novel miRNA signatures in Tissue and plasma of Hepatitis B infected hepatocellular carcinoma patients: its diagnostic potential."
4. Oral presentation by **Amit Ghosh** at CCHuGeone day symposium October, 2014 at Deulti, West Bengal. Title: "Promising candidate microRNA biomarker in both tissue and plasma for early detection of hepatocellular carcinoma among high-risk chronic hepatitis B virus infected patients."
5. Poster presentation by **Amit Ghosh** at RNA Biology meeting, Kolkata on "Novel miRNA signatures in Tissue and plasma of Hepatitis B infected hepatocellular carcinoma patients: its diagnostic potential." 2014.
6. Best oral presentation award received by **Suchandrima Ghosh** at 23rd Annual Conference of Indian National Association for Study of the Liver (INASL) & Current Perspective in Liver Diseases, 2015, New Delhi, India for presenting "Hepatitis B Virus X Protein Upregulates hELG1/ ATAD5 Expression through E2F1 in Hepatocellular Carcinoma"
7. 2nd Best oral presentation award received by **Suman Santra** at 23rd Annual Conference of Indian National Association for Study of the Liver (INASL) & Current Perspective in Liver Diseases, 2015, New Delhi, India.
8. Special prize awarded for oral presentation to **Amit Ghosh** in 23rd Annual Conference of Indian National Association for Study of the Liver (INASL) & Current Perspective in Liver Diseases, 2015, New Delhi, India. for presenting "Hepatic miR-126 is a Potential Plasma Biomarker for Detection of Hepatitis B Virus Infected Hepatocellular Carcinoma."
9. Best poster award received by **Alip Ghosh** at 23rd Annual Conference of Indian National Association for Study of the Liver (INASL) & Current Perspective in Liver Diseases, 2015, New Delhi, India. for presenting "Hsa-miR-199a-3p by targeting VEGFA, VEGFR1, VEGFR2, HGF and MMP2 impedes intercross-talks between malignant hepatocyte and tumor microenvironment that drives in Hepatocellular carcinoma".
10. 2nd Best poster award received by **Debanjali Dasgupta** at 23rd Annual Conference of Indian National Association for Study of the Liver (INASL) & Current Perspective in Liver Diseases, 2015, New Delhi, India for presenting "Differential Binding ability of NF κ B to the Functional SNP in the Promoter of TNF α (-238G/A) Increases the Risk of Alcoholic Liver Diseases (ALD)".
11. Poster award received by Suman Santra at 23rd Annual Conference of Indian National Association for Study of the Liver (INASL) & Current Perspective in Liver Diseases, 2015, New Delhi, India.
12. Poster presented by **Madhuparna Nandi** at 23rd Annual Conference of Indian National Association for Study of the Liver (INASL) & Current Perspective in Liver Diseases, 2015, New Delhi, India. CD8+CD28-T cells: "A major T cell subset with diverse functions in chronic HBV infection".
13. Poster presented by **Rajiv K Mondal** at 23rd Annual Conference of Indian National Association for Study of the Liver (INASL) & Current Perspective in Liver Diseases, 2015, New Delhi, India. "Immune driven adaptation of HBV genotype D involves preferential alteration in B-cell epitopes and replicative attenuation- an insight from HIV-HBV co-infection".
14. Poster presented by **Debosree Bishnu** at 23rd Annual Conference of Indian National Association for Study of the Liver (INASL) & Current Perspective in Liver Diseases, 2015, New Delhi, India. "

15. Oral presentation by **Amit Ghosh**. 2015 at 34th Annual Convention of Indian Association for Cancer Research, Jaipur, India. On "Promising candidate microRNA biomarker in both tissue and plasma for early detection of hepatocellular carcinoma among high-risk chronic hepatitis B virus infected patients."
16. Poster presentation by **Alip Ghosh**. 2015 at 34th Annual Convention of Indian Association for Cancer Research, Jaipur, India. "miR-199a-3p suppresses VEGFA, VEGFR1, VEGFR2, HGF, PDGFRA and MMP2 to block crosstalks between malignant hepatocyte and tumor microenvironment in Hepatocellular carcinoma".

International meetings

1. Poster presented by **Madhuparna Nandi** at 50th Annual Meeting of the European Association for the Study of Liver, 22nd – 26th April, 2015, Vienna, Austria. "Reduced T cell activation, Regulatory T-cell mediated suppression and compromised natural killer cell function characterize immune tolerant phase of chronic HBV infection". **Abstract awarded for registration Bursary and presented as poster.**
2. Poster presented by **Amit Ghosh**. 2015 at American Association for Cancer Research, Pennsylvania Convention Center Philadelphia, Pennsylvania, April. Title: "Hepatic miR-126 as a potential plasma biomarker for detection of hepatitis B virus infected hepatocellular carcinoma."
3. **Amit Ghosh** awarded travel grant by DST for attending AACR annual meeting 2015.
4. **Amit Ghosh** awarded travel support award by CICS for attending AACR annual meeting 2015.
5. **Rajiv K Mondal** awarded ICMR Travel Grant for attending "2015 International Meeting on Molecular Biology of Hepatitis B Viruses" from 04/10/15 to 08/10/15 in Germany.
6. **Rajiv K Mondal** was selected for oral presentation in International Meeting on the Molecular Biology of Hepatitis B Viruses, Bad Nauheim, Germany from October 4-8, 2015. Title: "Synergistic effects of mutations in different coding and transcriptional regulatory regions of Hepatitis B Virus (HBV) of genotype D contribute to its occult phenotype- an insight from chronic hepatitis C patients with occult HBV infection"
7. **Rajiv K Mondal** awarded DST Travel Grant under ITS Scheme for attending "2015 International Meeting on Molecular Biology of Hepatitis B Viruses" from 04/10/15 to 08/10/15 in Germany.
8. **Rajiv K Mondal** awarded CICS Travel support for attending "2015 International Meeting on Molecular Biology of Hepatitis B Viruses" from 04/10/15 to 08/10/15 in Germany.

Invited lectures

Gautam Ray – Recurrent abdominal pain in children at international conference of pediatric gastroenterology (BASP GHAN 2015) at Dhaka, Bangladesh

Presentation in International meetings

Poster presented by DM residents

- **At Falk Symposium 196:** Critical evaluation of current concepts and moving to new horizons in the management of IBD, **Frankfurt, Germany.**
- Natural history of Azathioprine therapy in Crohn's disease patients: an Indian study – **Kaushik BPN**, Kshaunish Das, Guru Basava, Rajib Sarkar, Gopal K Dhali

At The Liver Meeting 2015, San Francisco, USA

- Atorvastatin and propranolol combination cause greater reduction of HVPG than propranolol alone in patients of cirrhosis with portal hypertension – **Saptarshi Bishnu**, Avik Sarkar, Saswata

Chatterjee, Sk Mahiuddin Ahammed, Kshaunish Das, Kausik Das, Gopal K. Dhali, Abhijit Chowdhury

Presentation in National meetings

Poster presented by DM residents

INASL 2015, New Delhi

- Percutaneous drainage may not be necessary in a significant subset of patients with complicated liver abscess, **Saptarshi Bishnu**, Saswata Chatterjee, Sk M Ahammed, Kausik Das, Abhijit Chowdhury

Natural course of compensated cryptogenic cirrhosis: evidence of phenotypic diversity, **Saptarshi Bishnu**, Saswata Chatterjee, Sk M Ahammed, Kausik Das, Abhijit Chowdhury

Abstracts submitted

DDW 2016, San Diego, USA

- Post Operative Crohns disease maintainene: Is Azathioprine a better option – an Indian Study – **Kaushik BPN**, Kshaunish Das, Rajib Sarkar, Gopal K Dhali

SERVICE INFORMATION

OPD and in-patient service

	New Patients	Old Patients	Total patients
OPD service			
GE OPD	52876	26186	79062
Hepatology OPD	8677	13040	21717
GI Surgery OPD	1628	3134	4762
Indoor admission			
GE Indoor admission	-	-	1842
Hepatology Indoor admission	-	-	776
GI Surgery Indoor admission	-	-	338

Endoscopy service

Procedure	Number
Upper GI Endoscopy Diagnostic	10431
Upper GI Endoscopy Therapeutic	1524
Colonoscopy	2295
ERCP	1087
SVE	129
APC	82
Esophageal Dilatation	602
Fibro Scan	768
Liver Biopsy	225
Endoscopic Ultrasound	209
Double Balloon Enteroscopy	63

Radiology service

Procedure	Number
Diagnostic Ultrasound	6690
PTBD	11
PCD	66

Diagnostic/therapeutic vascular intervention	1
NJ tube insertion	7
HVPG	5
PAIR	1

Pathology service

Procedure	Number
Surgical Biopsy	256
Endoscopic Biopsy	1925
FNAC	271
Review biopsy	224

Liver ITU service

	Number
Admitted	238
Death	81

Gastro-surgery service

Operative procedures	Number
Stomach & Esophagus	26
Small and large bowel	51
Gall Bladder	47
Bile Ducts	58
Pancreas	63
Liver + PHTN	26
Others	22
Total	293

General Surgery

FACULTY

Dr. Bitan Kumar Chattopadhyay	MS (Cal)	Professor and Head
Dr. Makhan Lal Saha	MS (PGI)	Professor
Dr. Prabhas Kumar Sarkar	MS (Cal)	Professor
Dr. Abhimanyu Basu	MS (Cal)	Professor
Dr. Amitabha Sarkar	MS (Cal)	Professor
Dr. Prosanta Kumar Bhattacharjee	MS (Cal)	Professor
Dr. Diptendra Kumar Sarkar	MS, DNB, FRCS (Edin)	Professor
Dr. R. S. Moral	DNB	Associate Professor
Dr. Santanu Sinha	MS (Cal)	Associate Professor
Dr. Subhasis Saha	MS (Cal)	Associate Professor
Dr. Susnata De	MS (Cal)	Assistant Professor
Dr. Suvra Ganguly	MS (Cal), MRCS	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. Md. Tanveer Adil	MS (Cal)	Assistant Professor
Dr. Tripurari Kumar	MS (Cal)	RMO cum Clinical Tutor
Dr. Saibal Chakroborty	MS	RMO cum Clinical Tutor
Dr. Asif Ayaz	MS (Cal)	RMO cum Clinical Tutor
Dr. Pranab Kumar Mandal	MS	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. Saibal Chakroborty and Dr. Koustav Mandal have joined the Department as RMO cum Clinical Tutors.

Postgraduate trainees (MS Students)

Session 2013-16	Session 2014-15	Session 2015-18
<ul style="list-style-type: none"> • Gourav Das • Arnab Mandal • Ramesh Chandra Murmu • Aditya kumar De • Soumen Sanfui • Amit Kumar Das • Gourav Dasgupta • Barun Kumar • Anil Kumar Singh • Kela Harish Premratan • Jibhakate Nikhilesh • Anirban Das • Bikash Chandra Dey • China Paul • Pratik Das Adhikary 	<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 Mukhrerjee 	<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

REGULAR ACADEMIC ACTIVITIES

Schedule includes (held 6 days a week) case discussion, clinical meetings, journal club meetings, topic seminars, periodic faculty and guest lectures. 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.

Department organized several lecture sessions on several current topics of academic interest for the postgraduates all throughout the year.

- Prof. Sumohan Chatterjee from U.K. delivered lecture on recent updates in breast cancer.
- Dr. Arunmoy Chakroborty, also from U.K., conducted a highly acclaimed session on COMMUNICATION SKILL DEVELOPMENT both for the postgraduates and the undergraduates.
- Dr. Tapan Sircar, from Wolverhampton, U.K conducted a very interesting interactive session on the "Approach to the management of axilla in Breast Cancer".
- Dr. Koudhik Ghosh, also from UK delivered an illuminating lecture on "Head Injury and its management".

A whole day live operative workshop on "Whipple's Pancreaticoduodenectomy" with Dr. Shailesh Srikhande of Tata Memorial Hospital, Mumbai as a guest faculty, was organized by the Department in collaboration with the Surgical Gastroenterology wing of the School of Liver and Digestive Diseases.

As a path breaking initiative, the Department organized a competitive programme amongst the undergraduates on the very interesting topic of "Innovations in surgery". Students making small groups of three to four contestants presented different facets of newer innovations in Surgery with power point presentations. Winners and runners up were handsomely awarded.

In another outstanding event, a debate competition was organized amongst the undergraduates on the very controversial topic of "Lecture classes lost its importance in undergraduate teaching". And it was fiercely contested by the opposing group of debaters. The winner and the runners were felicitated with prizes.

Association of the Breast Surgeons of India organized hands on training course for the postgraduates in the Department in January, 2014 and the Department hosted the annual conference of the said association (ABSICON) in June, 2014. The Breast Services Unit of the Department also organized the "Breast Cancer Awareness Programme" on 30th of November, 2015 with much fanfare and fireworks; cultural functions and poster competitions.

Royal College of Surgeons of Edinburg alumnus organized preparatory course for MRCS/FRCS examinations for the Postgraduates in October, 2014 and hands on skill course immediately later. Last October (2015), Royal College of Surgeons of Edinburg (RCSED) also hosted a clinical course programme for the PGs in our Department.

Department contributed towards the modular teaching course of the Association of Surgeons of India by organizing one-day programme on hands on demonstrations on 11th December, 2015.

MS theses ongoing

Anirban Das :

Importance Of Molecular Subtype As A Prognostic Indicator Of Breast Cancer

Guide : Dr D K Sarkar

Amit Das:

A Study On The Epidemiology And Clinic-Pathological Profile Of Triple Negative Breast Cancer

Guide: Dr D K Sarkar Co-Guide : Dr. Suvro Ganguly

China Paul:

A Comparative Study Of Immediate Post-Operative Outcomes Of Different Inguinal Hernia Repair Procedures By Open And Laparoscopic, With Or Without Mesh

Guide: Dr. Bitan Kumar Chattopadhyay Co Guide : Dr. Susnata De

Barun Kumar:

Physiological changes between laparoscopic and open cholecystectomy: a prospective and analytical study

Guide :Dr Bitan Kumar Chattopadhyay Co Guide : Dr Susnata De

Somen Sanfui

A clinicopathological study of acute appendicitis and comparison between USG, laboratory data and Alvarado score on Diagnosis.

Guide: Dr. Sukanta Ray Co-Guide: Dr. Bitan Kumar Chattopadhyay

Gourab Dasgupta:

Observational Study Of routine measurement of intra-abdominal pressure via trans-vesical route and correlation between raised intra-abdominal pressure and adverse outcomes in laparotomy patients.

Guide: Dr M L Saha Co Guide : Dr D K Sarkar

Haris P Kela:

Clinicopathological study of diabetic foot ulcer with particular reference to risk factors and its management outcome in tertiary care hospital.

Guide : Dr M L Saha Co- Guide: Dr Sumit Chakraborty

Arnab Mandal:

A Study on early complication of total parenteral nutrition in emergency and elective, pre and post- operative adult surgical patient.

Guide : Dr Amitava Sarkar Co Guide: Dr Amit Ray

Ramesh Chandra Murmu:

A comparative study of repair of complex ventral hernias with double mesh repair (Sandwich technique) and single mesh repair in adult patients admitted in general surgical wards.

Guide : Prof. Amitabha Sarkar Co Guide : Dr. Amit Ray

Anil Kumar Singh Yadav:

A prospective randomized study of tension free inguinal hernia repair by Lichtenstein's technique and pure tissue repair using external oblique aponeurosis flap.

Guide: Dr Prosanto Kumar Bhattacharjee

Pratik Das Adhikary:

Prospective comparative study between small incision open cholecystectomy and laparoscopic cholecystectomy.

Guide : Prof. Prosanta Kumar Bhattacharya

Aditya Kumar De:

Clinical study of carcinoma gall bladder with special reference to its management.

Guide: Dr Abhimanyu Basu

Nikhilesh Jibhakate:

Comparison between suction drain and no suction drain after breast surgery.

Guide : Dr Subhasis Saha

Co- Guide: Dr D K Sarkar

Gourab Das:

Role of abdominal drain in uncomplicated open cholecystectomy: a prospective randomized controlled study.

Guide: Dr Prabhas Kumar Sarkar

Bikash Chandra Dey:

Comparison and assessment of surgical method in respect to Roux-en-Y Jejunum-jejunostomy made by end to side versus side to side anastomotic technique.

Guide : Prof. Prabhas Kumar Sarkar

Research projects ongoing other than MS theses

Title of the investigation	Sponsoring agency	Amount of funding	Duration Years
CA 15-3 as a major predicting of occult tumor burden in patients with breast cancer	DST, West Bengal	Rupees 27 Lakh 35 thousand and 6 hundred	3 years

Department proudly acknowledges the achievement of Dr. Barun Kumar, a 3rd. Year Post Graduate Student who stood first amongst the eastern Zonal candidates in the Zonal CME organized by the Headquarters of the Association of Surgeons of India and prove himself eligible for the All India Final Round at ASICON at Gurgaon.

SERVICE INFORMATION**Beds location (ward, building)**

Curzon ward- male (100) Victoria ward- female (80) (both located in Main block)

EOW (Male) - 22

EOW (Female) - 22 (in the Emergency block)

Emergency Observation Ward admits surgical patients requiring observation pending transfer or discharge.

OPD location

New Surgery OPD Complex started functioning in the previous New Emergency Block, with isolated but composite arrangement for General Surgery, Plastic Surgery and Paediatric Surgery under the same roof.

OPD Attendance

- Yearly total 27,112
- New 7,748
- Old 19,364

Indoor Admission

- Victoria Ward – 1927
- Curzon Ward – 1965
- EOW – 252
- Woodburn Ward – 131

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. Suvro. Ganguly.	Dr. Asif Ayaz Dr. Pranab Kumar Mandal
Tuesday	II	Thursday Saturday	Prof. Bitan.Kumar.Chattopadhyay (Unit-in-charge and HOD), Dr. Rajat.Subhra.Morel, Dr. Susnata De. Dr. Sunanda Dey	Dr. Tripurari Kumar Dr. Saibal Chakroborty
Wednesday	III	Monday Wednesday	Prof. Makhan.Lal.Saha (Unit-in-charge), Dr. Soumen. Das. Dr. Tanveer Adil (on indefinite leave)	Dr. Prakash Bhagat Dr. Koustav Mandal
Thursday	IV	Tuesday Saturday	Prof. Amitabha.Sarkar (Unit-in-charge), Prof. Prosanta.Kumar.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., Subhasis. Saha, Dr. Saurabh.Das	Dr. Bappaditya Sarkar

Procedures/Investigations performed

Major Surgeries(Main OT Complex) performed: **2701 (major) 348 (Minor)**

Emergency surgeries (NER OT) performed Major : **561** Minor : **616**

Day Care procedures performed (minor): **1682**

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 the cancer patients very soon.

Urology

FACULTY

Prof. Dr Dilip Kumar Pal	MCh (Urology)	Professor and Head
Dr. Bastab Ghosh	MCh (Urology)	Assistant Professor
Dr. Sunirmal Choudhary	MCh (Urology)	Assistant Professor
Dr. Sandeep Gupta	MCh (Urology)	Assistant Professor
Dr. Rajeev Ranjan	MS (General Surgery)	RMO cum Clinical Tutor

Postdoctoral (MCh) trainees

2013-2016	2014-2017	2015-2018
Dr. Deepak Biswal	Dr. Sayak Roy	Dr. Sajad Ahmed Para
Dr. Sanjay Kumar	Dr. Vipin ChanDr.a	Dr. Pritesh Jain
Dr. Varun Wats	Dr. Kartik Sridhar	Dr. Arun Kumar Maurya
Dr. Vijay Sarma Madduri	Dr. Dipak Bera	Dr. Susanta Kumar Das
Dr. Debiprasad Das	Dr. Surajit Sasmal	
Dr. Soumya Mondal		

Workshops conducted by the department

- GIZ Olympus training workshop –Transurethral electrovaporization of the prostate (Invited faculty: Dr Madhusudhan Agarwal).

Workshops and conferences attended

- USICON 2015(Ranchi ,Jharkhand)- Attended by all faculty members
- East zone USICON (Bodhgaya , Bihar)-Attended by all faulty members
 - Prof Dr. D. K. pal was the chairperson for the podium presentations

PROJECTS AND RESEARCH ACTIVITIES

Major research projects being conducted under the supervision of Prof. D. K. Pal

Title of project	Funding Agency	Duration	Remarks
Mutations/polymorphisms of CaSR,VDR,CLDN-14,MGP and osteopontin genes associated with Kidney stone disease in West Bengal, India	Applied for fund to CSIR	Mar 2013-Jul 2016	Ongoing
Identification of susceptible genes in arsenic induced bladder cancer in West Bengal, India	Approved by WBDBT videletter No-445(4)/BT(Estt) RD-13/2014 dated 8/04/14	May 2013-Oct 2016	Ongoing

Thesis Topics

2013-2016	2014-2017	2015-2018
Dr. Deepak Biswal-A randomized trial comparing intraspongiosal block vs intraurethral lignocaine in VIU for short	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. Sanjay Kumar –Study of arsenic associated bladder cancer in West Bengal	Dr. Vipin ChanDr.a - 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
Dr. Varun Wats – Stented vs non stented urethronocystostomy in renal transplantation	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. Vijay Sarma SK Madduri – A prospective study of monopolar transurethral resection of prostate and bipolar transurethral resection of prostate in Normal saline for BPH	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. Debiprasad Das – Assessment and classification of postoperative complications following urological surgeries as per Clavein and Dindo classification: A prospective study	Dr. Surajit Saasmal : Clinical profile and outcome of patients presenting with obstructive uropathy in a tertiary care centre	
Dr. Somya Mondal – Erectile dysfunction among patients of urethral stricture :A pre and post-operative assessment		

Publications (From Nov 2014 to Nov 2015)

1. Vinod Priyadarshi, Hemant Kumar Goel, Malay Kumar Bera, Dilip Kumar Pal. Completely calcified non-functioning kidney. A classical image of putty kidney. BMJ Case Reports. Published online on 24th July 2014. DOI: 10.1136/bcr-2013-203030.
2. Dilip Kumar Pal. Charging of the penis: an unusual method for sexual gratification. Int J Adolesc Med Health 2014;aop DOI 10.1515/ijamh-2014-0049.
3. Dilip Kumar Pal. Prolapsing urethral rhinosporidiosis. J Trop Dis 2-14; 2(5): 151-152. DOI: 10.4172/2329-891X.1000151
4. Vinod Priyadarshi, Swetank Mishra, Malay Kumar Bera, dilip Kumar Pal. Isolated Hydatid Cyst in a Single Moiety of an incomplete Duplex Kidney. APSP J Case Rep 2015; 6(1):1-4.
5. Rajendra Prasad Ray, Rajkumar Sinhamahapatra, Partha Pratim Mondal, Dilip Kumar Pal. Long-term complications of JJ stent and its management: A 5 years review. Urology Annals 2015; 7: 41-45 DOI: 10.4103/0974-7796.148599
6. Vinod Priyadarshi, Anurag Puri, Jitendra Pratap Singh, Shwetank Mishra, Dilip Kumar pal, Anup Kumar Kundu. Meatotomy using topical anesthesia: A painless option. Urology Annals 2015; 7: 67-70. DOI: 10.4103/0974-7796.148622
7. Nipun Kumar Awasti, hemant Kumar Goel, Rajkumar singha Mahapatra, Dilip Kumar Pal. Incomplete bladder duplication with multiple congenital anomalies: A rare presentation. Urology Annals 2015; 7: 88-90. DIO: 10.4103/0974-7796.148628
8. Vinod Priyadarshi, Jitendra Pratap Singh, Malay Kumar Bera, Anup Kumar Kundu, Dilip Kumar pal. Genitourinary Fistula: an Indian Perspective. The journal of Obstetrics and gynecology of India. January 2015 DOI: 10.1007/s13224-015-0672-2
9. Rajendra Prasad Ray, Bastab Ghosh, Dilip Kumar Pal. Urethral foreign body in adolescent boy: report of two rare cases and review of literature. International Journal of Adolescent Medicine and Health 2015. DOI 10.1515/ijamh-2014-0057
10. Vinod Priyadarshi, Hemant Kumar Goel, Debasis Chakraborty, Dilip Kumar Pal. Angiosarcoma of penis: case report of an aggressive penile cancer. Urology Annals 2015;7:251-253. DOI: 10.4103/0974-7796.150497

11. Shwetank Mishra, Shankar Prasad hazra, Vinod Priyadarshi, Hemant Goel, Dilip Kumar Pal. Synchronous jejunal metastasis presenting as an intussusception in a case of advanced RCC: a rare presentation. *Indian J Surgery*, Published online: 04 December 2013; DOI 10.1007/s12262-013-1009-y.
12. RajKumar Sinhamahapatra, Vinod Priyadarshi, Nidhi Saigal, Dilip Kumar Pal. Sacral sgenesis with isolated neurogenic bladder dysfunction. *Urol Nephrol Open access*; 2015.2(2):00032
13. Anurag Puri, Dilip Kumar Pal. Congenital Megalourethra: a case report of an isolated delayed presentation. *Int J Adolesc Med Health*, 2015.
14. Dilip Kumar Pal, Sanjay Kumar, Rajendra Prasad Ray, Anurag Puri, Varun Wats. Leech out of reach: presented with haematuria and urinary retention. *Tropical Doctor* 2015; DOI: 10.1177/0049475515585640; tdo.sagepub.
15. Dilip Kumar Pal, Sayak Roy, Deepak Kumar Biswal. Genital Self-mutilation by Metallic Ring in the Penis. *Scholars Journal of Medical case Reports*, 2015; 3(5): 448-450.
16. Deepak Gupta, Vinod Priyadarshi, Nipun Awasti, Dilip Kumar Pal. Ischemic priapism due to alpha blockers- A rare case report. *International Journal of Medical Research and Pharmaceutical Sciences*. 2015; 2(4). ISSN: 2394-414.
17. Manalee Guha, Biswabandhu Bankura, Sudhakshina Ghosh, Arup Kumar Pattanayak, Saurabh Ghosh, Dilip Kumar Pal, Anurag Puri, Anup Kumar Kundu, Madhusudan Das. Polymorphisms in CaSR and CLDN 14 Genes Associated with Increased Risk of Kidney Stone Disease in patients from the Eastern part of India. *Plos One*. Doi: 10.1371/journal.pone.0130790 June 24,2015.
18. Bastab Ghosh, Vipin Chandra, Dilip Kumar Pal. Metachronous pheochromocytoma of urinary bladder and adrenal. *Scholars journal of Medical Case Reports* 2015; 3(6): 520-522 .
19. Dilip kumar Pal, Varun Wats, Rajendra Prasad Ray. Nephrogenic adenoma of urinary bladder following intravesical BCG therapy. *Scholars Journal of Medical case Report*. *Scholars journal of Medical Case Reports* 2015; 3(6): 534-536.
20. Vijay Kumar Sarma Madduri, Bastab Ghosh, Dilip Kumar Pal. Renal cell carcinoma presenting as a testicular mass. *Scholars journal of Medical Case Reports* 2015; 3(6): 560-562.
21. Dilip Kumar Pal, Rajendra Prasad Ray, Bastab Ghosh. Role of surgical intervention in genitourinary tuberculosis in the era of modern anti-tubercular chemotherapy. *Scholars Journal of Applied Medical Sciences* 2015;3(3H): 1608-1611.
22. Hemant Kumar Goel, Anup Kumar Kundu, Tapas Kumar Maji, Dilip Kumar Pal. *Saudi Journal of Kidney Diseases and Transplantation* 2015; 26(4): 747-750.
23. Jitendra Pratap Singh, Vinod Priyadarshi, Hemant Kumar Goel, Mukesh Kumar Vijay, Dilip Kumar Pal, Sudip Chakraborty, Anup Kumar Kundu. Penile lichen sclerosis: An urologist's nightmare! – A single centre experiences. *Urology Annals* 2015; 7(3): 303-308. DOI: 10.4103/0974-7798.150490
24. Soumya Mondal, Deepak Kumar Biswal, Dilip Kumar Pal. Caverosus hemangioma of glans penis. *Urology Annals* 2015; 7(3): 399-401. DOI: 10.4103/0974-7796.152037
25. Vinod Priyadarshi, Dilip Kumar Pal. Paraganglioma of urinary bladder. *Urology Annals* 2015; 7(3): 402-404. DOI: 10.4103/0974-7796.152058
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1. An observational study to correlate the outcome of patients with renal stone treated with ESWL with respect to stone's Hounsfield density, skin-to-stone distance and stone composition in a tertiary hospital in eastern India. Puri A, Maity M, Ghosh B, Bera MK, Pal DK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February, 2015.

2. A prospective study comparing transperitoneal versus retroperitoneal laparoscopic donar nephrectomy. Gogoi D, Choudhury S, Ghosh B, Pal DK, Bera MK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February,2015
3. Penile fracture: An evaluation of 20 cases. Singha Mahapatra RK, Maity K, Ghosh B, Bera MK, Pal DK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February,2015
4. Renal cell carcinoma presenting as a testicular mass. Madhury VS, Maity K, Ghosh B, Bera MK, Pal DK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February, 2015
5. Epidemiological study of urological malignancy in younger age group. Mondal PP, Maity K, Ghosh B, Bera MK, Pal DK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February, 2015
6. Role of arsenic in the development of urinary bladder carcinoma in eastern Indian population Dipak Kumar Bera, Sohini Barman, Amlan Ghosh, Bastab Ghosh, Dilip Kumar Pal. 25th Annual Conference of India(East Zone), Bodhgaya 2nd-5th October, 2015.
7. Effect of donor age on renal graft function after renal transplantation. Sayak Roy, Dilip Kumar Pal, Arpita Roy Chowdhury . 25th Annual Conference of India (East Zone), Bodhgaya 2nd-5th October, 2015.
8. An attempt to evaluate role of human papilloma virus infection in the development of prostate cancer in eastern Indian population.Vipin Chandra, Amlan Ghosh, Bastab Ghosh, Dilip Kumar Pal. 25th Annual Conference of India(East Zone), Bodhgaya 2nd-5th October, 2015.
9. Rare bladder Tumors: A case series. Kartik Sridhar, Sunirmal Choudhury, Dilip Kumar Pal, Chanda Dutta. 25th Annual Conference of India (East Zone), Bodhgaya 2nd-5th October, 2015.
10. Dermoid cyst of adrenal gland. Surajit Sasmal, Sandeep Gupta, Krishnendu Maity, Dilip Kumar Pal. 25th Annual Conference of India(East Zone), Bodhgaya 2nd-5th October, 2015.
11. Laparoscopic repair of vesicovaginal fistula. Dipak Kumar Bera, Vijay Kumar Sarma Madduri, Bastab Ghosh, Dilip Kumar Pal. 25th Annual Conference of India(East Zone), Bodhgaya 2nd-5th October, 2015.

REGULAR ACADEMIC ACTIVITIES –Morning (9 am to 10 am)

- Tuesday – Journal club
- Thursday – Case presentation
- Saturday – Seminar

SERVICE INFORMATION

OPD ATTENDENCE (01/12/14-30/11/2015)

Total	New	Old
42,726	19881	22845

Bed Distribution

Male	Female	Child	Woodburn Block	Recovery room for renal transplnt patients
24	12	4	20	2

Admissions in the urology ward

	Total	Paying (Dec 2014- Sep 2015)	Free (Dec 2014-Sep 2015)
Male	838	372	382
Female	501	171	250
Woodburn Block	33	6	39

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 (1/12/14-30/11/2015)-39

USG guided procedures

- TRUS guided prostate biopsy: 117 Dec 2014 – Sep 2015 (Paying – 70 Free- 28)
- USG guided PCN: 58

Uroflowmetry :

3739 Dec 2014-Sep 2015 (Paying – 2663 Free – 519)

Urodynamic studies

197 Dec 2014 – Sep 2015 (Paying – 119 Free – 47)

ESWL

Total	1st Sitting	2nd, 3rd and 4th sitting
543	307	236

Major operations

Total	Paying	Free	
1196	516	680	

Minor operations

Total	Paying	Free
1731	1264	285

Central Library

Location and floor area Ronald Ross Building, 3rd Floor and 6th Floor – 2400 m² total

Sections

- Post Graduate & Post Doctoral
- Undergraduate Reading Room 1 and 2
- Teachers Reading Room
- Librarian Room
- Staff Room
- Computer Room
- E-Library
- Photocopy Room

Working hours 8:00 AM to 9:00 PM in 2 shifts

No. of Books 20,897
(i) Text 15,800
(ii) Reference 5,017

No. of books purchased during the last 3 years

2014-15	151
2013-14	289
2012-13	332

No. of Journals subscribed annually

(i) Indian 79 (ii) Foreign 38

The free full text access to about 290 E-journals from 6 reputed publishers, through the ERMED consortium initiative of the National Library of Medicine (NLM), New Delhi, has recently expired. E-Journal access will now be achieved through the platform being set-up of the West Bengal University of Health Sciences.

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.)

Library Assistants Mrs. Ranu Valmiki
Mr. Basudev Pakhira
Mr. Santanu Das

Peons Mrs. Rupashree Mukherjee

Sweeper Mrs. Lakshmi Mullick (Sweeper)

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.

Broadband WI FI Internet facility available free of cost for the Library users within the reading room. Scanning facility is also available.

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 this year and presently having four donor couches along with bio-mixer for smooth in-house donation.

Achievements over the last 11 months (Jan-Nov, 2015) are as follows:

Voluntary blood donation

1) We have organized number of voluntary blood donation camps during the period

Total collection: 19969

Male Donor: 16850 Female Donor: 3119

2) We also did in-house collection which usually is called replacement donation.

Total collection: 3171

Male Donor: 3014 Female Donor: 157

So total collection is **23140** 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	34
• HBsAg	253
• HCV	167
• Syphilis	3
• 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 **23882** requisitions among which 21178 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:

- Whole Blood - 17571 units, PRBC - 5515 units, FFP - 5002 units and RDP - 1773 units

We have supplied:

- Whole Blood - 16548 units, PRBC - 5292 units, FFP - 4087 units and RDP - 1383 units

We do not have sufficient space in the Blood Bank and do not have optimum store. We have got the ground floor for the purpose of store. It is under renovation.

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 (anti retroviral 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. On 11th July we arranged one Seminar at the Blood Bank. Thereafter a rally with decorated tableau and flex posters was arranged. 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. Chandana Roy	Nursing Superintendent	Post Basic B.Sc.(Hons) Nursing.	Nsg. Administration. Inservice training organization.
3.	Smt. Jaya Mandal	Deputy Nursing Superintendent	B.Sc. (Hons) Nursing M.Sc. (Nsg.)	Nsg. Administration. Mack wd all OPD supervision.
4.	Smt. Chinu Roy Chowdhury	Deputy Nursing Superintendent	Cond. B.Sc. (Hons) Nursing M.Sc. Nursing in Obstetrics	Detailed to Bagha Jatin NTS.
5.	Smt. Kajal Samanta	Deputy Nursing Superintendent	Cond.B.Sc(Hons) Nursing	Helping in administration Heart Unit Block Charge and prepare the Make Up night duty Roster
6.	Smt. Madhuri Nanda	Acting Deputy Nursing Superintendent	B.Sc(Hons) Nusing	Helping in administration & , CTVS&SDLD (Block Charge) Medical Team
7.	Smt. Mira Ganguly	Deputy Nursing Superintendent	Cond.B.Sc Nursing	Helping in administration & CCU, Curzon, Victoria & Infection Control Incharge.
8.	Smt .Rina Chakraborty	Deputy Nursing Superintendent	Cond.B.Sc(Hons) Nursing	Helping in administration&NER Ward in addition ALEX Ward Block in charge, OPD+OT Night Roster
9.	Smt. Anupama Bhattaherjee	Deputy Nursing Superintendent	Cond.B.Sc(Hons) Nursing	Helping in administration &all O.T. supervision
10.	Smt. Anima Panda	Deputy Nursing Superintendent	Cond.B.Sc(Hons) Nursing.M.Sc Nursing in(psychiatry)	Detailed to Bagha Jatin NTS.
11.	Smt. Shipra Bondhyopadhyay	Deputy Nursing Superintendent	M.Sc(Nursing)	Helping administration
12.	Smt. Samapti Chakraborty		Cond.B.Sc(Hons) Nursing M.Sc(Nursing) in Psychiatry	Detailed to IOP
13.	Smt. Namita Gupta	Sister-in-charge	Cond.B.Sc(Hons) Nursing	Helping in Nsg. Administration at NPS Building & in addition Ronald Ross Building, Burns, Ligation Ward & OT
14 .	Smt. Rina Bhattacharjee	Acting Deputy Nursing Superintendent	GNM Passed	Helping in nursing administration.
15.	Smt. Kalyani Giri	Deputy Nursing Superintendent	Cond.B.Sc(Hons) Nursing	Detailed to MCH
16.	Smt. Sumana Sarder	Acting Deputy Nursing Superintendent	B.Sc (Hons) Nursing	Helping in nursing administration

WARD MANAGEMENT

SN	Name of Officer & Name of ward	Post/Designation	Qualification	Activities
1.	Smt.Anu Biswas , Vict wd	Sister –in Charge	GNM passed	Ward Administration / Teaching
2.	Smt. Kajal Das, Alex Ward, Smt. Nilima Maji, Smt Rina Chakraborty	Sister-in –Charge [Gr.I(ii) of WBNS]	Condensed B. Sc (H) Nursing Condensed B. Sc (H) Nursing	Do

3.	Smt. Anu Biswas Vict ward	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
4.	Smt. Subhra Mitra, Smt Sumitra Ghosh N.E.R. Male Ward, Bed No.89	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
5.	Smt. Krishna Roy Smt. Lakshmi Roy Curzon. Ward, Bed -104	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
6.	Smt Anupama Saha Smt. Mamata Bhattacharjee Mack. Ward, Bed No.79	Sister-in –Charge [Gr.I(ii) of WBNS]	Cond. 1.B.Sc.(Hons) Nursing GNM Passed	Do
7.	Smt. Chandra Chakroborty Wood Burn Ward, Bed-39	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc. (Hons) Nursing	Do
8.	Smt. Kalpana Seth, NPS ward	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc. (Hons) Nursing	Do
9.	Smt. Santana Ghosh Smt. Nibedita Sahoo, NCB Ward, Bed no.45	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM passed 2. Cond. B.Sc. (Hons) Nursing	Do
10.	Smt. Ratna Das, ITU, Bed no. 32	Sister-in –Charge [Gr.I(ii) of WBNS]	Cond. B.Sc. (Hons) Nursing	Do
11.	Smt. Asoka Mandal, Haemo Dialysis, Bed No. 14 In 3 shift	Sister-in –Charge [Gr.I(ii)	Condensed B. Sc (H) Nursing	Do
12.	Smt. Mausumi Adhikary MRU Ward, Bed no. 46	Sister-in –Charge [Gr.I(ii) of WBNS]	Condensed B. Sc (H) Nursing	Do
13.	Smt. Ratna Nandy , Urology Ward, Bed no.52	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
14.	Smt. Sikha Acharjee, Chest Ward, Bed No. 50	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
15.	Smt. Gita Malakar, ENT Ward, Bed no. 60	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
16.	Smt. Rita Biswas RTU, Bed no. 60	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
17.	Smt. Supriya Dutta, Smt. Juin Das CCU-, Bed -. 30	Sister-in –Charge [Gr.I(ii) of WBNS]	M.Sc. Nursing Post basic- B,Sc. Nursing	Do
18.	Smt. Gouri Bhowmick, Burns Ward, Bed no. 30	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
19.	Smt Sabita Maitra Smt. Lakshmi Bhattacharjee Smt. Gitasree Roy(Bose), Heart Unit, Bed no. 187	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Ward administration
20.	Smt. Nilima Mondal, ICCU Ward, Bed no. 30	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc(Hons) Nursing Cond.	Do
21.	Smt. Swapna Dey, Gaynae Ward, Bed no. 40	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc(Hons) Nursing Cond.	Do
22.	Smt. Chhanda Nandy, Maternity Ward, Bed-81	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
23.	Smt. Biva Roy Maternity septic Ward (Mat GF) No of Bed26	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
24.	Smt. Rita Sarkar Labour Room. No of table 03&no of Bed10	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
25.	Smt Gayatri Mukherjee Sulata Mandal NICU.NO OF Bed 25	Sister-in –Charge [Gr.I(ii) of WBNS]	M.sc. Nursing B. Sc. (Hons)M Sc. .	Do
26.	Jaba Chakroborty S.N.C.U. No of Bed-25	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
27.	Smt.Chandrabati Sadhukha &Smt. Krishna Ghosh C.T.V.S.Ward No of Bed 76.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
28.	Smt Santi Raha Eye Ward .No of bed -22	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do

29.	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
30.	Smt. Bani Mitra Ligation Ward. No of bed-10.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
31.	Smt. Minati Roy CTVS Wd	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
32.	Smt. Tapati Sahoo Smt. Sathi Bhattacharjee SDL D Ward, no. of Bed-39	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
33.	Smt. Subhra Pandit CTVS Recovery, Bed-10	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc(Hons) Nursing Cond.	Do
34.	Smt.Khukumoni Ganguly, Smt. Rita Chakroborty EOW Ward, Bed no.40	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed B.Sc(Hons) Nursing Cond.	Do
35.	Smt. Swapna Giri, RH. Ward, Bed no.	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc(Hons) Nursing	Do
36.	Smt. Sabita Mukherjee, PMR Ward, Bed no.24	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
37.	Smt. Anudadha Chatterjee, Smt. Sudipta Nandi , OT Complex, No. of table-12	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed B.Sc. (Hons) Nursing	Do
38.	Smt ,Putul Chakroborty WOT, Table no.3	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc. (Hons) Nursing	Do
39.	Smt. Rita Purakait, EOT OT, table no.2	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
40.	Smt. Chaitali Das CTVS OT, table no-4.	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc.(Hons) Nursing	Do
41.	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
42.	Smt. Namita Rana (Das), NPS OT, Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed B. Sc.(Hons) Nursing Cond.	Do
43.	Smt. Alpana Manik, Smt. Mina Bondhyapadhyay G.OT., Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
44.	Smt. Ratna Das (II), CCR OT, Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed B. Sc.(Hons) Nursing Cond.	Do
45.	Smt. Jharna Chatt erjee, SDL D OT, Table -	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	
46.	Smt. Sanjukta Dutta . EOT	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Management
47.	Smt. Bharati Ghoshal Genedral ER, Patients' Exam.Table-6 & Disaster Enclave-10	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	ER Management
48.	Smt. Anita Dey Roy Ligation OT, table -3	Staff Nurse,Gr.II	GNM Passed	Do
49.	Smt. Sulekha Sarkar Smt. Santi Ghosh Nurses' Hostel Boarder -350	1.Sister-in –Charge [Gr.I(ii) of WBNS] 2.Staff Nurse,Gr.II	GNM Passed	Home & Mess Management
50.	Smt. Bratati Bonbyopadhyay Smt. Bhaswati Mukherjee PP Unit,	P.H.N. Senior staff	Post Basic B.Sc. Nursing GNM Passed	PPU. Management
51.	Smt. Mitali Roy Mat GF	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
52.	Smt Subhra Basu Majumder	Acting DNS	GNM Passed	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 Halder 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 :2014-16:

Smt. Mausumi Roy (DNS)

COND. B.Sc. (HONS.) NURSING: 2014-2016.-32 GRADE II NURSING STAFF:

Smt. Baisakhi Kar, Smt. Soma Das, Smt. Susmita Ghosh, Smt. Moumita Barik, Smt. Pinki Khanra, Smt. Sukla Garai, Smt. Maumita Maity, Smt. Soma Das, Smt.Sarmishtha Ghosh(Ganguly) , Smt. Tiya Bhowmik, Smt. Krishna Das (2), Smt. Shrabani Paul, Mitali Jana, Karuna Jana, Shyamali Chatterjee, Shatarupa Das, Pampa Chatterjee, Priyanka Chatterjee, Kajol Maity, Sampa Sanki,. Koyal Mallick, Chaitali Das, Smt. Manisha Mondal, Smt. Sarmistha Chandra, Smt. Ashima Das, Smt. Madhumita Das (2), Bina Biswas (2), Soma Biswas, Soumita Das, Mohuya Hansda, Premi Ekka, Anita Oaaw

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.

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 use to 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 2015

SN	Name	Designation	Status	Date
1	Smt Dipali Bhadra	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.01.2015

2	Smt. Piku Dutta	Sister	Superannuation from S.S.K.M.	31.01.2015
3	Smt. A nita Roy Chowdhury	Sister	Superannuation from S.S.K.M.	28.02.2015
4.	Smt Purnima Banik	Sister Gr 1(ii)	Superannuation from S.S.K.M.	28.02.2015
5	Smt Maya Sengupta	PNO-NTS	Superannuation from S.S.K.M.	28.02.2015
6	Smt. Geetasree Bose	Sister Gr 1(ii)	Superannuation from S.S.K.M.	28.02.2015
7	Smt. Namita Mandal	Sister Gr i(ii)	Superannuation from S.S.K.M.	28.02.2015
8	Smt. Mukul rani Bhowmik	Staff Nurse	Superannuation from S.S.K.M.	31.03.2015
9	Smt. Gita Dey	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.03.2015
IO	Smt. Archana Mukjerjee	Staff Nurse	Superannuation from S.S.K.M.	30.04.2015
11	Smt. Sujata Bera	Staff nurse	Superannuation from S.S.K.M.	31.05.2015
12	Smt papaya Mukherjee	Sister	Superannuation from S.S.K.M.	30.05.2015
13	Smt. Biva Roy	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.08.2015
14	Smt. Bulbul Dutta	Sister Gr 1(ii)	Superannuation from S.S.K.M.	30.09.2015
15	Smt. Iti Rakshit	Staff Nurse, Gr.-II	Superannuation from S.S.K.M.	31.10.2015

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
Post filled up- 782

TOTAL VACANT POST- 331

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 -782 out of 1076, Vacancy-331 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 137 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

Teaching Faculty -18 inclusive of 1 teacher for SNCU

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

- In June, 2015, 44 students have completed successfully their GNM Internship.
- 44 students of 3rd year GNM are completed their Final Council Examination in Dec., 2014 and with 100% result.
- In August 2015, Forty (41) 2nd Year students have passed Second Council Examination with 100% result and have started 3rd Year from September, 2015. There is an extra batch of 5 students, who are also in the process of Second Council Examination and will start their 3rd Year from January, 2016.
- In August 2015, Forty Six (46) 1st Year students have appeared Preliminary Council Examination with 93% success.
- The newly admitted Fifty (50) 1st Year GNM students started session in September 2015.

This year, 7 students of Post Basic Diploma in Neonatal Nursing and have completed their course in January, 2015 with 100% result.

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, South 24 Pgs.

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.

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 Healths related programmes under the guidance of all dedicated & responsible teachers.

Faculty position at Nursing Training School

SN	Name	Post held with Grade	Qualifications
1	Smt. Jyotsna Bera	Principal Nursing Officer in Gr.I(i)(a) of WBGS	B.Sc. Nursing from Cal. University
2	Smt. Sudeshna Kar	Senior Sister Tutor,Gr.I(i)(b) of WBNS	B.Sc. Nursing from Cal. University
3	Smt. Chandrima Maity	-do-	M.Sc. Nursing from WBUHS
4	Smt. Rupa Chakraborty	Sister Tutor Gr.I(ii) of WBNS	B.Sc. Nursing from Cal. University
5	Smt. Swapna Ghosh	-do-	B.Sc. Nursing from WBUHS
6	Smt. Mitali Chakraborty	-do-	On Study Leave for M.Sc. Nurs.
7	Smt. Debjani Dey	-do-	On Study Leave for M.Sc. Nurs.
8	Smt. Soma Das	-do-	M.Sc. Nursing from WBUHS
9	Smt. Papiya Das	-do-	B.Sc. Nursing, Cal. University
10	Smt. Baby Mondal	-do-	M.Sc. Nursing from WBUHS
11	Dipali Mahapatra	-do-	B.Sc. Nursing from Cal. University
12	Smt. Ira Palit	-do-	B.Sc. Nursing from Cal. University
13	Smt. . Saswati Pan	-do-	B.Sc. Nursing from Cal. University
14	Smt. Ali Saha	Gr.II Teacher	B.Sc. Nursing from IGNOU
15	Piyali Hazra	-do-	B.Sc. Nursing from Cal. University
16	Romi Devnath	-do-	B.Sc. Nursing from Cal. University
17	Smt. Monika Mondal	-do-	Detailed to Diamond HBR Hosp.
18	Smt. Debjani Garu	-do-	Detailed to Uluberia NTS

Among 18 teachers, two are on study leave for undergoing M.Sc. Nursing. Two teachers are working on detailment in other institutions.

INFRASTRUCUTURE DEVELOPMENT

Government has sanctioned a separate eight storied compact building for Nursing Training School, construction of which is in progress.

Postgraduate (degree) seats listing – 2015

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	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.
2	MD (Biochemistry)	07	03 (3R)	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.
3	MD (Physiology)	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.
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	07 (5R + 2P)	06 (5R + 1P)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Recognition of permitted seats withheld by letter in Sep, 2014. Reinspection done in Jun 2015 – report awaited.
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	02 (2R)	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. 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 (2R + 1P)	03 (2R + 1P)	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.
17	MD (Physical Medicine & Rehabilitation)	03	01 (1R)	02 (1R + 1P)	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	02 (2R)	03 (3R)	MCI-23(1)/2009-MED/77225 dt. 28.02.10 MOHFW NO. U12012/988/2009-ME(PII)Pt dt. 30.03.2010. Subsequently confirmed.
19	MD (Radiotherapy)	06	03 (3R)	03 (3R)	MCI-23(1)200?-MED/62233 dt. 06.01.2010 MOHFW NO: U12012/988/2009-ME (PII) Pt. dt. 04.02.2010. Subsequently confirmed.
	TOTAL	134	67 (64R + 3P)	67 (64R + 3P)	

Postgraduate (diploma) seats listing – 2015

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Name of the university with which courses are affiliated
 The West Bengal University of Health Sciences
 DD-36, Sector I, Salt Lake, Kolkata – 700064.

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 Otorhinolaryngology (DLO)	04	02	02	Recognized 04.
3	Dip. in Medical Radiodiagnosis (DMRD)	0	0	0	Recognition to all 10 seats (total 10 recognized seats earlier) withdrawn by Letter No. MCI-55(22)/2013/Med/102743 dated 07.09.2013.
4	Dip. in Medical Radiotherapy (DMRT)	04	02	02	Recognized 04. Recognition to 04 seats (total 08 recognized seats earlier) withdrawn by Letter No.MCI-55(22)/2013/Med/102747 dated 07.09.2013.
5	Dip. in Psychological Medicine (DPM)	10	05	05	Recognized 10.
6	Dip. in Dermatology & Venereology (DDVL)	0	0	0	Recognition to all 08 seats (total 08 recognized seats earlier) withdrawn by Letter No. MCI-55(22)/2013/Med/102648 dated 07.09.2013.
	TOTAL	20	10	10	